MITSUBISHI ELECTRIC

SPLIT-TYPE AIR CONDITIONERS

Changes for the Better

Mitsubishi Electric Quality

Full Product Line Catalogue 2009

SPLIT-TYPE AIR CONDITIONERS Full Product Line Catalogue 2009

MITSUBISHI ELECTRIC CORPORATION

Doing Our Part to Create a Better Future for All...

Core Environmental Policy

The Mitsubishi Electric Group promotes sustainable development and is committed to protecting and restoring the global environment through technology, through all its business activities, and through the actions of its employees.

Environmental Vision 2021

Making Positive Contributions to the Earth and its People through Technology and Action

Preventing Global Warming

- Reduce CO_2 emissions from product usage by 30%
- Reduce total CO_2 emissions from production by 30%
- Aim to reduce CO_2 emissions from power generation

Creating a Recycling-Based Society

- Reduce, reuse and recycle "3Rs" products reduce resources used by 30%
- Zero emissions from manufacturing reducing the direct landfill of waste to zero

Ensuring Harmony with Nature
Fostering Environmental Awareness

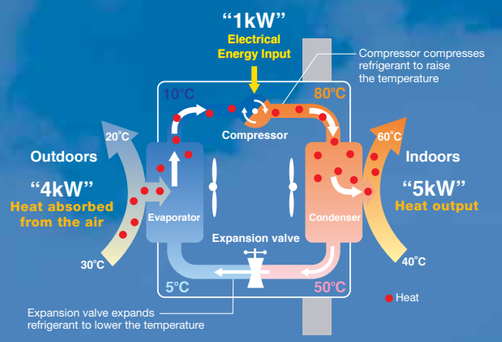
Mitsubishi Electric reflects the essence of this policy and vision in all aspects of its air conditioner business as well.

Preventing Global Warming

Heat pump technology inspires Mitsubishi Electric to design air conditioners that harmonize comfort and ecology.

Heat Pump Principle (When Heating) <Case of COP 5.0>

Refrigerant and Heat Circulation



Output energy is quintuple of input energy

"1kW" Electrical Energy Input
+
"4kW" Heat Absorbed from the air
=
"5kW" Heat Output

Mitsubishi Electric develops technologies to balance comfort and ecology, achieving greater efficiency in heat pump operation.

	Comfort	Ecology
1. Inverter	Faster start-up and more stable indoor temperature than non-inverter units.	Fewer On/Off operations than with non-inverter, saving energy.
2. i-see Sensor	Monitoring the temperature gaps between the floor and the set temperature to prevent deficient warming.	Optimum control of the airflow to prevent excessive compressor operation for more efficient heating operation.
3. Flash Injection	Achieves high heating capacity even at low temperatures, plus faster start-up compared to conventional inverters.	Expands the region covered by heat pump heating system.

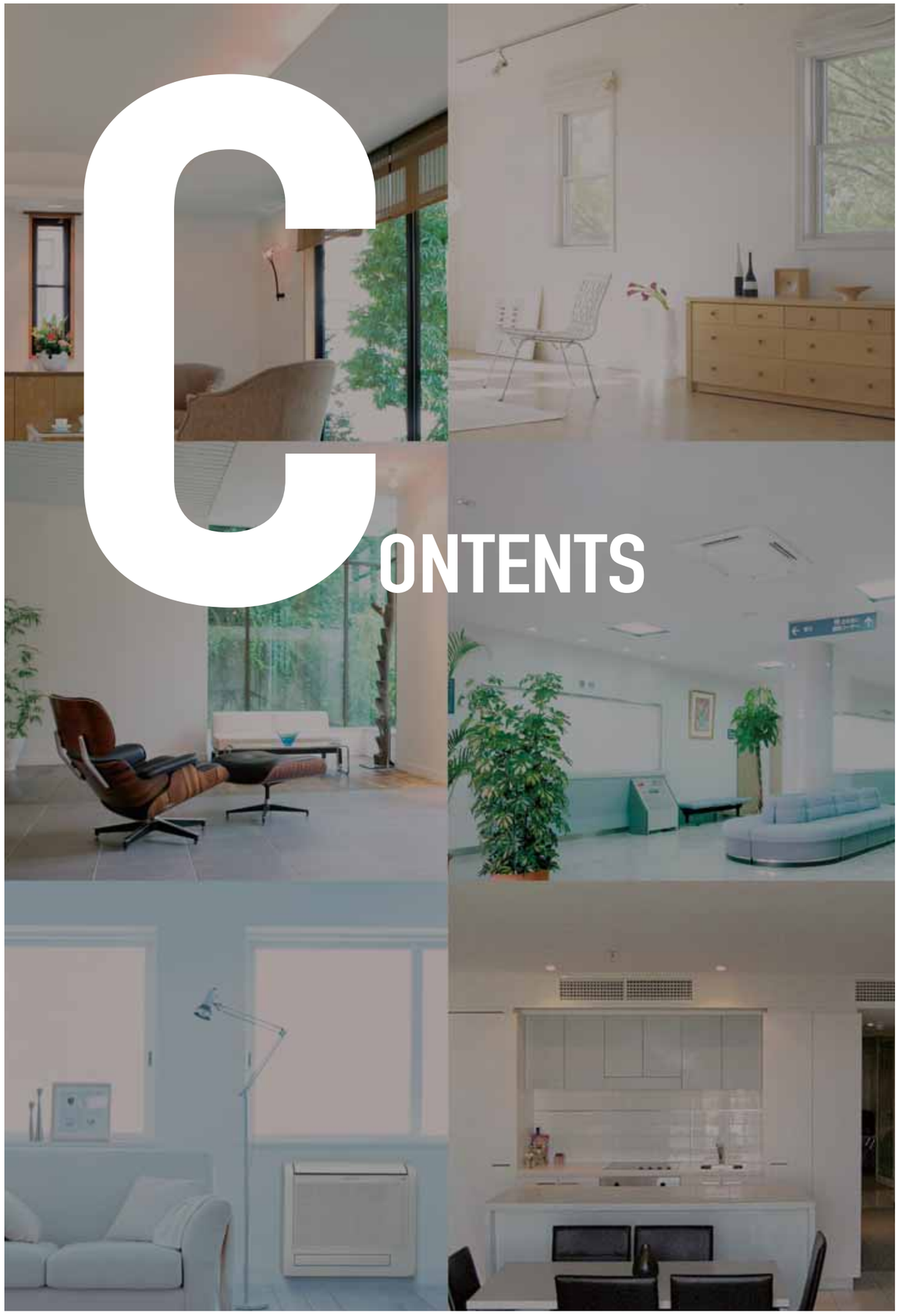
Creating a Recycling-Based Society

1. **All models are designed for RoHS and WEEE compliance.***
2. **Mitsubishi Electric develops downsizing technology to reduce materials use.**
   - **PUHZ-RP200/250YHA2: Volume reduction approx. 60% compared to PUHZ-RP200/250YHA**
   - **MUZ-GC25VA & MUZ-HC25/25VA: Volume reduction approx. 25% compared to MUZ-GA25 & MUZ-HA25/35VA**

* WEEE and RoHS directives: The Waste Electrical and Electronic Equipment (WEEE) Directive is a recycling directive for this type of equipment, while the Restrictions of Hazardous Substances (RoHS) Directive is an EU directive restricting the use of six specified substances in electronic and electrical devices. In the EU, it is no longer possible (from July 2006) to sell products containing any of the six substances.

Ensuring Harmony with Nature/ Fostering Environmental Awareness

In striving to heighten the eco-awareness of its employees, Mitsubishi Electric provides education in RoHS, WEEE and other environmental regulations, along with environmental education targeting second and third-year workers.



CONTENTS

LINE-UP

Model Change Icon
- NEW New indoor & outdoor units
- NEW New indoor unit
- NEW New outdoor unit

Indoor Combinations
- SINGLE 1 outdoor unit & 1 indoor unit
- TWIN 1 outdoor unit & 2 indoor units
- TRIPLE 1 outdoor unit & 3 indoor units
- QUADRUPLE 1 outdoor unit & 4 indoor units

M SERIES

INVERTER Models

Model Name		2.0kW 1-phase	2.2kW 1-phase	2.5kW 1-phase	3.5kW 1-phase	4.2kW 1-phase	5.0kW 1-phase	6.0kW 1-phase	7.1kW 1-phase	8.0kW 1-phase	Page
Wall-mounted	MSZ-F Series 			SINGLE S	SINGLE S		NEW SINGLE S				27
	MSZ-G Series 		NEW MXZ connection only	NEW SINGLE H	NEW SINGLE H	NEW SINGLE H	NEW SINGLE H				31
								SINGLE	SINGLE		31
	MSZ-H Series 			SINGLE	SINGLE						33
Compact floor	MFZ Series 			SINGLE H	SINGLE H		SINGLE				37
1-way cassette	MLZ Series 			MXZ connection only	MXZ connection only		MXZ connection only				39

H: Outdoor unit with anti-freeze heater is available.
S: Indoor units are available in two colours; Silver or White.

FIXED-SPEED Models (Heat Pump & Cooling Only)

Model Name		2.0kW 1-phase	2.2kW 1-phase	2.5kW 1-phase	3.5kW 1-phase	4.2kW 1-phase	5.0kW 1-phase	6.0kW 1-phase	7.1kW 1-phase	8.0kW 1-phase	Page
Wall-mounted	MS(H)-G Series	NEW SINGLE		NEW SINGLE	NEW SINGLE						35 – 36
							NEW SINGLE	SINGLE		SINGLE	35 – 36

S SERIES

INVERTER Models

Model Name		2.0kW 1-phase	2.2kW 1-phase	2.5kW 1-phase	3.5kW 1-phase	4.2kW 1-phase	5.0kW 1-phase	6.0kW 1-phase	7.1kW 1-phase	8.0kW 1-phase	Page
2 x 2 cassette	SLZ Series 			SINGLE L	SINGLE L		SINGLE L				43
Compact ceiling-concealed	SEZ Series 			SINGLE L	SINGLE L		SINGLE L	SINGLE L	SINGLE L		45

L: Indoor units are available in two types; with wired remote controller or with wireless remote controller.

POWERFUL HEATING SERIES

INVERTER Models

Model Name			2.5kW 1-phase	3.5kW 1-phase	5.0kW 1-phase	7.1kW 1-phase	10.0kW 1- & 3-phase	12.5kW 3-phase	Page
ZUBADAN	4-way cassette	PLA Series 				NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN	81
	Wall-mounted	PKA Series 					NEW SINGLE TWIN		81
	Ceiling-concealed	PEAD-JA Series 				NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN	81
Wall-mounted		MSZ-FD VABH Series 	NEW SINGLE S H	NEW SINGLE S H	NEW SINGLE S H				83

H: Anti-freeze heater included as standard equipment.
S: Indoor units are available in two colours; Silver or White.

MXZ SERIES

INVERTER Models

Model Name	Capacity Class	Wall-mounted	Floor-standing	Cassette	Ceiling-concealed	Page
up to 8 indoor unit MXZ-8A140VA 	14.0kW <1-phase>	MSZ-FD25/35/50 MSZ-GE22/25/35/42/50 MSZ-GA60/71	MFZ-KA25/35/50	MLZ-KA25/35/50 SLZ-KA25/35/50 PLA-RP35/50/60/71	SEZ-KD25/35/50/60/71	91
up to 5 indoor unit MXZ-5A100VA 	10.0kW <1-phase>	MSZ-FD25/35/50 MSZ-GE22/25/35/42/50 MSZ-GA60/71	MFZ-KA25/35/50	MLZ-KA25/35/50 SLZ-KA25/35/50 PLA-RP50/60/71	SEZ-KD25/35/50/60/71	91
up to 4 indoor unit MXZ-4A80VA 	8.0kW <1-phase>	MSZ-FD25/35/50 MSZ-GE22/25/35/42/50 MSZ-GA60/71	MFZ-KA25/35/50	MLZ-KA25/35/50 SLZ-KA25/35/50 PLA-RP50/60/71	SEZ-KD25/35/50/60/71	91
up to 4 indoor unit MXZ-4A71VA 	7.1kW <1-phase>	MSZ-FD25/35/50 MSZ-GE22/25/35/42/50 MSZ-GA60	MFZ-KA25/35/50	MLZ-KA25/35/50 SLZ-KA25/35/50 PLA-RP50/60	SEZ-KD25/35/50/60	91
up to 3 indoor unit MXZ-3A54VA 	5.4kW <1-phase>	MSZ-FD25/35/50 MSZ-GE22/25/35/42/50	MFZ-KA25/35/50	MLZ-KA25/35/50 SLZ-KA25/35/50 PLA-RP50	SEZ-KD25/35/50	91
up to 2 indoor unit MXZ-2A52VA 	5.2kW <1-phase>	MSZ-FD25/35 MSZ-GE22/25/35	MFZ-KA25/35	MLZ-KA25/35 SLZ-KA25/35	SEZ-KD25/35	91
up to 2 indoor unit MXZ-2A40VA 	4.0kW <1-phase>	MSZ-FD25/35 MSZ-GE22/25/35	MFZ-KA25/35	MLZ-KA25/35 SLZ-KA25/35	SEZ-KD25/35	91
up to 2 indoor unit MXZ-2A30VA 	3.0kW <1-phase>	MSZ-FD25 MSZ-GE22/25	MFZ-KA25	MLZ-KA25 SLZ-KA25	SEZ-KD25	91

H: Anti-freeze heater included as standard equipment.
S: Indoor units are available in two colours; Silver or White.

LINE-UP

Model Change Icon
- NEW New indoor & outdoor units
- NEW New indoor unit
- NEW New outdoor unit

Indoor Combinations
- SINGLE 1 outdoor unit & 1 indoor unit
- TWIN 1 outdoor unit & 2 indoor units
- TRIPLE 1 outdoor unit & 3 indoor units
- QUADRUPLE 1 outdoor unit & 4 indoor units

P SERIES

POWER INVERTER Models

Model Name		3.5kW	5.0kW	6.0kW	7.1kW	10.0kW	12.5kW	14.0kW	20.0kW	25.0kW	40.0kW	50.0kW	Page
		1-phase	1-phase	1-phase	1-phase	1- & 3-phase	1- & 3-phase	1- & 3-phase	3-phase	3-phase	3-phase	3-phase	
4-way cassette	PLA Series 	NEW SINGLE	NEW SINGLE	NEW SINGLE	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN TRIPLE	NEW TWIN TRIPLE QUADRUPLE	NEW TWIN TRIPLE QUADRUPLE			51
Wall-mounted	PKA Series 	NEW SINGLE	NEW SINGLE	NEW SINGLE	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW TWIN	NEW TWIN TRIPLE	NEW TWIN TRIPLE QUADRUPLE	NEW TRIPLE QUADRUPLE			57
Ceiling-suspended	PCA-KA Series 		NEW SINGLE	NEW SINGLE	NEW SINGLE	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN TRIPLE	NEW TWIN TRIPLE QUADRUPLE	NEW TWIN TRIPLE QUADRUPLE			61
Ceiling-suspended for Professional Kitchen	PCA-HA Series 				NEW SINGLE		NEW SINGLE	NEW TWIN		NEW TWIN TRIPLE			65
Floor-standing	PSA Series 				NEW SINGLE	NEW SINGLE	NEW SINGLE	NEW SINGLE TWIN	NEW TWIN	NEW TWIN TRIPLE			69
Ceiling-concealed	PEAD-JA Series	NEW SINGLE	NEW SINGLE	NEW SINGLE	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN TRIPLE	NEW TWIN TRIPLE QUADRUPLE	NEW TWIN TRIPLE QUADRUPLE			73
	PEA Series 								NEW SINGLE	NEW SINGLE	NEW SINGLE*	NEW SINGLE*	77

* 1 indoor unit requires 2 outdoor units.

STANDARD INVERTER Models

Model Name		3.5kW	5.0kW	6.0kW	7.1kW	10.0kW	12.5kW	14.0kW	20.0kW	25.0kW	40.0kW	50.0kW	Page
		1-phase	1-phase	1-phase	1-phase	1-phase	1-phase	1-phase	3-phase	3-phase	3-phase	3-phase	
4-way cassette	PLA Series 	SINGLE	SINGLE	SINGLE	SINGLE	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN TRIPLE	NEW TWIN TRIPLE QUADRUPLE	NEW TWIN TRIPLE QUADRUPLE			51
Wall-mounted	PKA Series 					NEW SINGLE TWIN	NEW TWIN	NEW TWIN TRIPLE	NEW TWIN TRIPLE QUADRUPLE	NEW TRIPLE QUADRUPLE			57
Ceiling-suspended	PCA-KA Series 		NEW SINGLE	NEW SINGLE	NEW SINGLE	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN TRIPLE	NEW TWIN TRIPLE QUADRUPLE	NEW TWIN TRIPLE QUADRUPLE			61
Ceiling-suspended for Professional Kitchen	PCA-HA Series 						NEW SINGLE	NEW TWIN		NEW TWIN TRIPLE			65
Floor-standing	PSA Series 					NEW SINGLE	NEW SINGLE	NEW SINGLE TWIN	NEW TWIN	NEW TWIN TRIPLE			69
Ceiling-concealed	PEAD-JA Series 	NEW SINGLE	NEW SINGLE	NEW SINGLE	NEW SINGLE	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN TRIPLE	NEW TWIN TRIPLE QUADRUPLE	NEW TWIN TRIPLE QUADRUPLE			73
	PEA Series 								NEW SINGLE	NEW SINGLE	NEW SINGLE*	NEW SINGLE*	77

* 1 indoor unit requires 2 outdoor units.

FIXED-SPEED Models

Model Name			7.1kW	10.0kW	12.5kW	14.0kW	Page
			1- & 3-phase	1- & 3-phase	3-phase	3-phase	
4-way cassette	PLA Series 	Heat Pump	SINGLE TWIN	SINGLE TWIN	SINGLE TWIN	NEW SINGLE TWIN TRIPLE	51
		Cooling Only	SINGLE TWIN	SINGLE TWIN	SINGLE TWIN	NEW SINGLE TWIN TRIPLE	51
Wall-mounted	PKA Series 	Heat Pump	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW TWIN	NEW TWIN TRIPLE	57
		Cooling Only	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW TWIN	NEW TWIN TRIPLE	57
Ceiling-suspended	PCA-KA Series 	Heat Pump	NEW SINGLE	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN TRIPLE	61
		Cooling Only	NEW SINGLE	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN TRIPLE	61
Ceiling-suspended for Professional Kitchen	PCA-HA Series 	Heat Pump	SINGLE		SINGLE	TWIN	65
		Cooling Only	SINGLE		SINGLE	TWIN	65
Floor-standing	PSA Series 	Heat Pump	SINGLE	SINGLE	SINGLE	SINGLE TWIN	69
		Cooling Only	SINGLE	SINGLE	SINGLE	SINGLE TWIN	69
Ceiling-concealed	PEAD- JA Series 	Heat Pump	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN TRIPLE	73
		Cooling Only	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN	NEW SINGLE TWIN TRIPLE	73

DC Inverter INVERTER TECHNOLOGIES

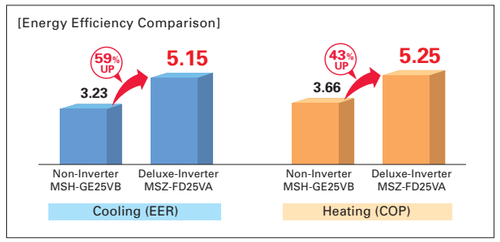
Mitsubishi Electric inverters ensure superior performance including the optimum control of operation frequency. As a result, optimum power is applied in all heating/cooling ranges and maximum comfort is achieved while consuming minimal energy. Fast, comfortable operation and amazingly low running cost — That's the Mitsubishi Electric promise.

INVERTERS — HOW THEY WORK

Inverters electronically control the electrical voltage, current and frequency of electrical devices such as the compressor motor in an air conditioner. They receive information from sensors monitoring operating conditions, and adjust the revolution speed of the compressor, which directly regulates air conditioner output. Optimum control of operation frequency results in eliminating the consumption of excessive electricity and providing the most comfortable room environment.

ECONOMIC OPERATION

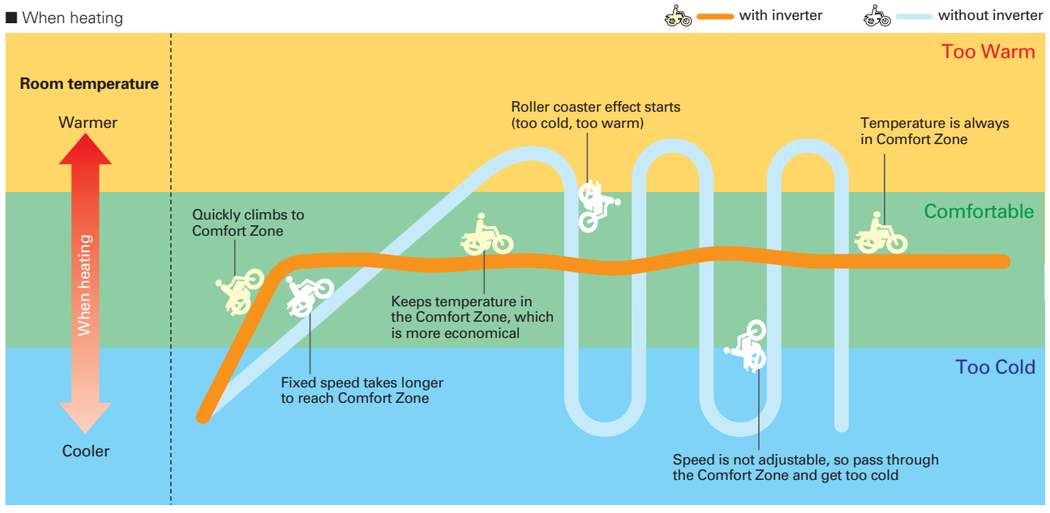
Impressively low operating cost is a key advantage of inverter air conditioners. We've combined advanced inverter technologies with cutting-edge electronics and mechanical technologies to achieve a synergistic effect that enables improvements in heating/cooling performance efficiency. Better performance and lower energy consumption are the result.



TRUE COMFORT

Simple comparison of air conditioner operation control with and without inverter.

■ When heating



Quick & Powerful

Increasing the compressor motor speed by controlling the operation frequency ensures powerful output at start-up, brings the room temperature to the Comfort Zone faster than units not equipped with an inverter. Hot rooms are cooled, and cold rooms are heated faster and more efficiently.

Room Temperature Maintained

The compressor motor operating frequency and the change of room temperature are monitored to calculate the most efficient waveform to maintain the room temperature in the Comfort Zone. This eliminates the large temperature swings common with non-inverter systems, and guarantees a pleasant, comfortable environment.

MORE ADVANTAGES WITH MITSUBISHI ELECTRIC

Joint Lap DC Motor

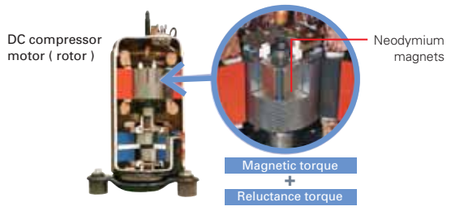
Mitsubishi Electric has developed a unique motor, called the "Poki-Poki Motor" in Japan, which is manufactured using a joint lapping technique. This innovative motor operates based on a high-density, high-magnetic force, leading to extremely high efficiency and reliability.

Magnetic Flux Vector Sine Wave Drive

This drive device is actually a microprocessor that converts the compressor motor's electrical current waveform from a conventional waveform to a sine wave (180°conductance) to achieve higher efficiency by raising the motor winding utilisation ratio and reducing energy loss.

Reluctance DC Rotary Compressor

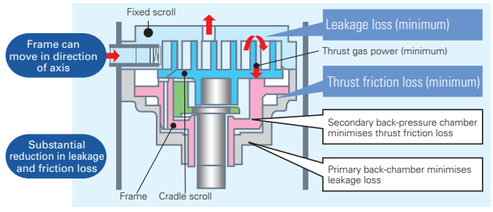
Powerful neodymium magnets are used in the rotor of the reluctance DC motor. More efficient operation is realised by strong magnetic and reluctance torques produced by the magnets.



Highly Efficient DC Scroll Compressor

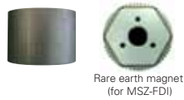
Higher efficiency has been achieved by adding a frame compliance mechanism to the DC scroll compressor. The mechanism allows movement in the axial direction of the frame supporting the cradle scroll, thereby greatly reducing leakage and friction loss, and ensuring extremely high efficiency at all speeds.

*Japan Society of Refrigerating and Air Conditioning Engineers



Rare Earth Magnet Rotor (Compressor)

An innovative motor with a rare earth magnet rotor is equipped in the compressor to ensure excellent efficiency. The rare earth magnet has a residual magnetic flux density threefold that of the previously used ferrite magnet.



Rare earth magnet (for MSZ-FDI)

DC Fan Motor

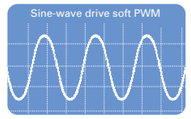
A highly efficient DC motor drives the fan of the outdoor unit. Efficiency is much higher than an equivalent AC motor.

Vector-Wave Eco Inverter

This inverter monitors the varying compressor motor frequency and creates the most efficient waveform for the motor speed. As the result, operating efficiency in all speed ranges is improved, less power is used and annual electricity cost is reduced.

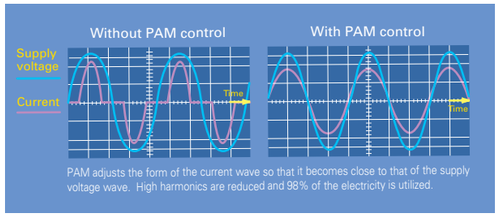
Smooth wave pattern

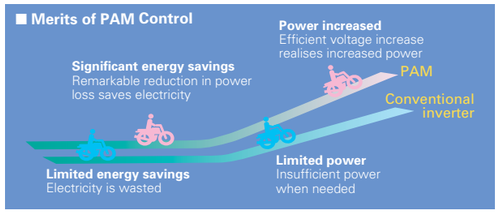
Inverter size has been reduced using insert-molding, where the circuit pattern is molded into the synthetic resin. To ensure quiet operation, soft PWM control is used to prevent the metallic whine associated with conventional inverters.



PAM (Pulse Amplitude Modulation)

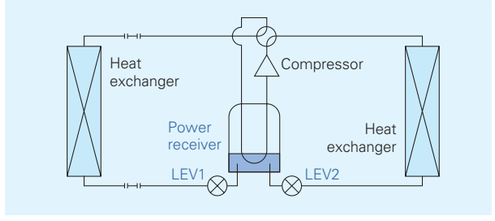
PAM is a technology that controls the current waveform so that it resembles the supply voltage wave, thereby reducing loss and realising more efficient use of electricity. Using PAM control, 98% of the input power supply is used effectively.





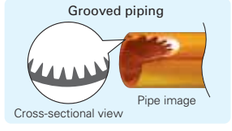
Power Receiver and Twin LEV Control

Mitsubishi Electric has developed a power receiver and twin linear expansion valves (LEVs) circuit that optimise compressor performance. This technology ensures optimum control in response to operating waveform and outdoor temperature. Operating efficiency has been enhanced by tailoring the system to the characteristics of R410A refrigerant.



Grooved Piping

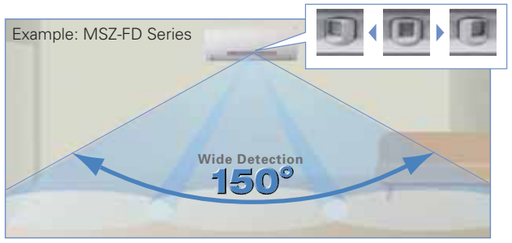
High-performance grooved piping is used in heat exchangers to increase the heat exchange area.



FUNCTIONS

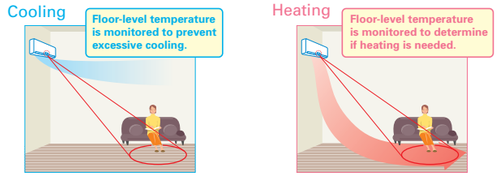
ENERGY-SAVING

i-see Sensor Felt Temperature Control



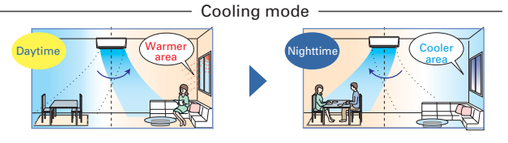
The "i-see Sensor" sweeps from side-to-side automatically monitoring the floor temperature over a wide area spanning 150°.

Conventional air conditioners monitor the air temperature at the top of a room to control room temperature and fail to take foot-level temperature, that which has the strongest impact on room comfort, into consideration. The "i-see Sensor" monitors the floor temperature and estimates the "felt temperature" (i.e., the temperature felt by people in the room). The airflow speed and temperature are adjusted to prevent over-heating/cooling, thereby eliminating the consumption of excessive electricity.



AREA Area Temperature Monitor

The "i-see Sensor" monitors the whole room in sections and directs the airflow to areas of the room where the temperature does not match the temperature setting. (When cooling the room, if the middle of the room is detected to be hotter, more airflow is directed towards it.) This eliminates unnecessary heating /cooling and contributes to lower electricity costs.



Econo Cool Energy-Saving Feature

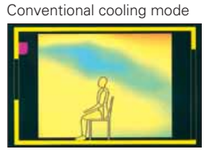
"Econo Cool" is an intelligent temperature control feature that adjusts the amount of air directed towards the body based on the air-outlet temperature. The setting temperature can be raised by as much as 2°C without any loss in comfort, thereby realising a 20% gain in energy efficiency. *(Function only available during manual cooling operation.)*

	Conventional	Econo Cool
Ambient temperature	35°C	35°C
Set temperature	25°C	27°C
Perceived temperature	30°C	**29.3°C**

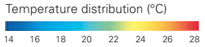
Econo Cool Mode
A comfortable room environment is maintained even when setting the temperature 2°C higher than the conventional cooling mode.

Econo Cool on

Conventional cooling mode



Temperature distribution (°C)



"I Feel" Control

The "I Feel" fuzzy-logic control memorises the most desirable temperature setting. If the "TOO WARM" or "TOO COOL" button on the remote controller is pressed, the system adds the choice to the control memory and adjusts the temperature so that the most comfortable temperature is provided. That temperature setting is used the next time the unit is turned on.

Demand Function (Onsite Adjustment)

The demand function can be activated when the unit is equipped with a commercially available timer or an On/Off switch is added to the CNDM connector (option) on the control board of the outdoor unit. Energy consumption can be reduced up to 100% of the normal consumption according to the signal input from outside.

[Example: Power Inverter Series]
Limit energy consumption by changing the settings of SW7-1 and SW7-2 on the control board of the outdoor unit. The following settings are possible.

SW7-1	SW7-2	Energy consumption
OFF	OFF	0% (STOP)
ON	OFF	50%
OFF	ON	75%

ATTRACTIVE

Pure White

Pure white is adopted for the unit colour; white expressing the essence of cleanliness and easily matching virtually all interior décor.

AUTO VANE Auto Vane

The vane closes automatically when the air conditioner is not running, concealing the air outlet and creating a flat surface that is aesthetically appealing.

AIR QUALITY

Plasma Duo

Units are equipped with a pre-filter and two special filters that perform plasma air cleaning and plasma purification functions (Plasma Duo). The plasma system remove bad odours and bacterial particulates of micron- and nanometre-size from the air.

Air Cleaning Filter

The filter is charged with static electricity, enabling it to attract and capture dust particulates that regular filters don't.

Fresh-air Intake

Indoor air quality is enhanced by the direct intake of fresh exterior air.

Anti-allergy Enzyme Filter

The anti-allergy enzyme filter works to trap allergens such as molds and bacteria and decompose them using enzymes retained in the filter.

High-efficiency Filter

This high-performance filter has a much finer mesh compared to standard filters, and is capable of capturing minute particulates floating in the air that were not previously caught.

Catechin Filter

Catechin is a bioflavonoid by-product of green tea with both antiviral and antioxidant qualities. It also has an excellent deodorising effect, which is why Mitsubishi Electric uses the compound in its air conditioner filters. In addition to improving air quality, it prevents the spreading of bacteria and viruses throughout the room. Easily removed for cleaning and maintenance, when the filter is washed regularly the deodorising action is rated to last more than 10 years.

Oil Mist Filter

The oil mist filter prevents oil mist from penetrating into the inner part of the air conditioner.

Long-life Filter

A special process for the entrapment surface improves the filtering effect, making the maintenance cycle longer than that of units equipped with conventional filters.

Filter Check Signal

Air conditioner operating time is monitored, and the user is notified when filter maintenance is necessary.

AIR DISTRIBUTION

Horizontal Fin

The air outlet vane swings up and down so that the airflow is spread evenly throughout the room.

Vertical Fin

The air outlet fin swings from side to side so that the airflow reaches every part of the room.

High Ceiling Mode

In the case of rooms with high ceilings, the outlet-air volume can be increased to ensure that air is circulated all the way to the floor.

Low Ceiling Mode

If the room has a low ceiling, the airflow volume can be reduced for less draft.

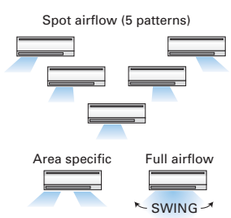
Auto Fan Speed Mode

The airflow speed mode adjusts the fan speed of the indoor unit automatically according to the present room conditions.

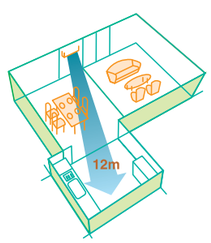
Wide and Long Airflow

The wide and long airflow function is especially beneficial for large spaces, helping to ensure that air is well circulated and reaches every corner of the room.

Wide Airflow
This unique airflow system distributes air horizontally over a wide-ranging 150°in heating mode and 100°in cooling mode. Simply press the Wide Swing icon on the remote controller to select the desired airflow from seven different patterns.



Long Airflow
Use this function to ensure that the airflow circulates to areas far across the room. Press the Long Airflow icon on the remote controller to extend reach up to as far as 12 metres from the unit.



FUNCTIONS

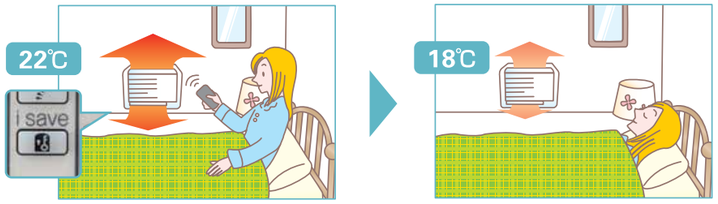
CONVENIENCE

On/Off Operation Timer

Use the remote controller to set the times of turning the air conditioner On/Off.

"i save" Mode

"i save" is a simplified setting function that recalls the preferred (preset) temperature by pressing a single button on the remote controller. Press the same button twice in repetition to immediately return to the previous temperature setting.
Using this function contributes to comfortable waste-free operation, realising the most suitable air conditioning settings and saving on power consumption when, for example, leaving the room or going to bed.



Pictured: MFZ Series remote controller

Auto Changeover

The air conditioner automatically switches between heating and cooling modes to maintain the desired temperature.

Low-temperature Cooling

Intelligent fan speed control in the outdoor unit ensures optimum performance even when the outside temperature is low.

Ampere Limit Adjustment

Dipswitch settings can be used to adjust the maximum electrical current for operation. This function is highly recommended for managing energy costs.

*Maximum capacity is lowered with the use of this function.

Operation Lock

To accommodate specific use applications, cooling or heating operation can be specified when setting the control board of the outdoor unit. A convenient option when a system needs to be configured for exclusive cooling or heating service.

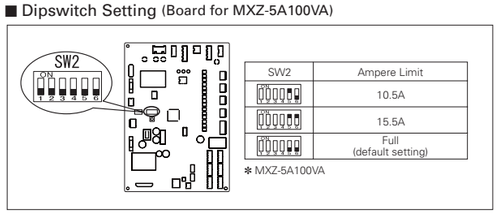
Auto Restart

Especially useful at the time of power outages, the unit turns back on automatically when power is restored.

Low-noise Operation (Outdoor Unit)

System operation can be adjusted to prioritise less noise from the outdoor unit over air conditioning performance.

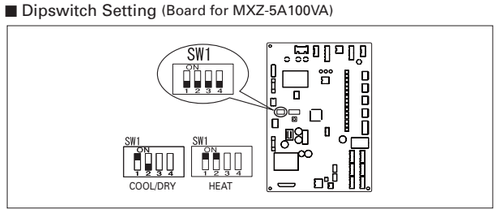
■ Dipswitch Setting (Board for MXZ-5A100VA)



SW2	Ampere Limit
	10.5A
	15.5A
	Full (default setting)

✻ MXZ-5A100VA

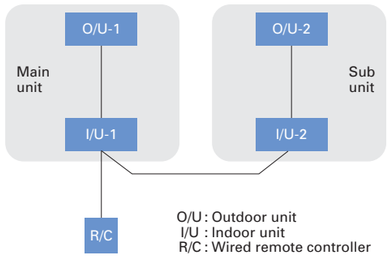
■ Dipswitch Setting (Board for MXZ-5A100VA)



Rotation, Back-up and 2nd Stage Cut-in Functions

(1) Rotation and Back-up Functions
Function Outline
- Main and sub units take turns operating according to a rotation interval setting.
- If one unit malfunctions, the other unit automatically begins operation (Back-up function)

System Image

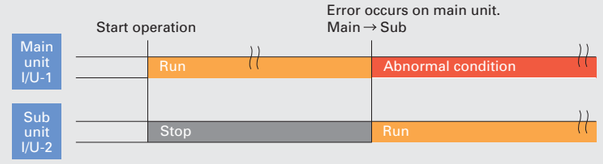


(2) 2nd Stage Cut-in Function
Function Outline
- Number of units operating is based on room temperature and predetermined settings.
- When room temperature rises above the desired setting, the standby unit starts (2-unit operation).
- When the room temperature falls 4°C below the predetermined setting, the standby unit stops (1-unit operation).

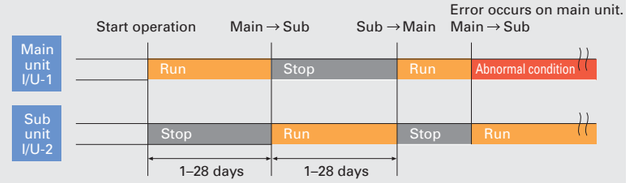
System Constraint
- This function is only available for rotation operation and when the back-up function is in cooling mode.

Operation Pattern

[Back-up function only]



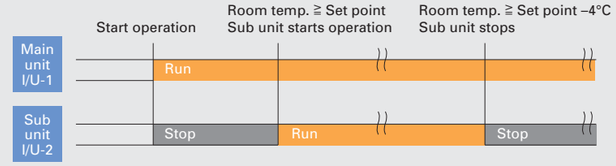
[Rotation function] & [Back-up function]



(Ex: When the request code is "313", each unit operates alternately in daily cycle.)

Operation Pattern

[2nd stage cut-in function]



SYSTEM CONTROL

PAR-21MAA Control

Units are compatible for use with the PAR-21MAA remote controller, which has a variety of management functions including a weekly timer.

System Group Control

The same remote controller is capable of controlling the operational status of up to 16 refrigerant systems.

M-NET Connection

Units can be connected to MELANS system controllers (M-NET controllers) such as the AG-150A.

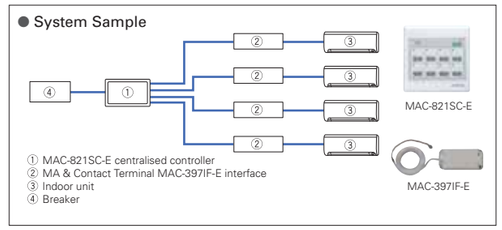
COMPO (Simultaneous Multi-unit Operation)

Multiple indoor units can be connected to a single outdoor unit. (Depending on the unit combination, connection of up to four units is possible; however, all indoor units must operate at the same settings.)

Centralised On/Off Control

Units can be connected to the MAC-821SC-E centralised remote controller, which can control the On/Off function for a maximum of eight indoor units.

● System Sample



MXZ Connection

Connection to the MXZ multi-split outdoor unit is possible.

FUNCTIONS

INSTALLATION

Cleaning-free Pipe Reuse

The application of pipe reuse technology such as Mitsubishi Electric's original hard alkyl benzene oil makes it possible to reuse the same piping, thereby allowing cleaning-free renewal of air conditioning systems that use R22 refrigerant.

- Before exchanging the air conditioning units, cleaning may be necessary if the inner sides of the piping are extremely dirty due to the accumulation of iron particulates generated as the result of friction between moving components in the compressor.
- R410 refrigerant operates at a higher pressure than R22. It is therefore necessary to ensure that the pipe diameter and thickness meet specific standards.

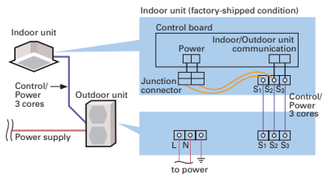
Reuse of Existing Wiring

Wiring recycling problem solved! Compatible with other wiring connection methods*

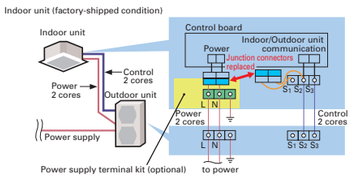
The wiring method has been improved, making it possible to use methods different from that utilized for control and power supply. Units are compatible with the dual harness control line/power line method and the separate power supply method. Using a power-supply terminal kit, wire can be efficiently reused at the time of system renewal regardless of the method the existing system uses.

*Optional. Usage may be limited due to wiring type diameter.

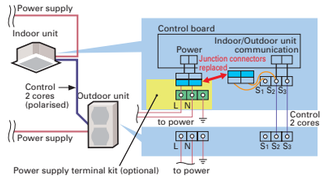
Single Harness Control/Power Line Method (Current method)



Dual Harness Control Line/Power Line Method



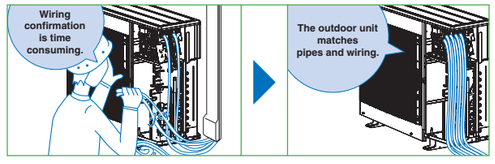
Separate Power Supply Method



Wiring/Piping Correction Function*

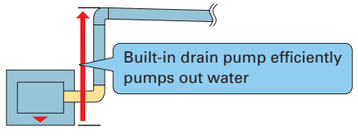
The push of a single button is all that is required to confirm that piping and wiring are properly connected. Corrections are made automatically if a wiring error is detected, eliminating the need for complicated wiring confirmation work when expanding the number of rooms served.

*This function cannot be used when the outdoor temperature is below 0°C. The correction process requires 10–15 minutes, and only works when the unit is set to the Cooling mode.



Drain Pump

A built-in drain pump enables drain piping to be raised.



Flare Connection

Flare connection to cooling pipe work is possible.

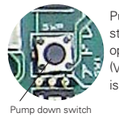
Pump Down Switch

Enables smooth and easy recovery of refrigerant. Simply press the "Pump Down" switch before moving or changing the unit.

Outdoor unit control circuit board

*Photo of Model PUHZ-P100

Pump Down Switch



Push this switch to start/stop refrigerant recovery operation automatically. (Valve in refrigerant circuit is opened/closed.)

MAINTENANCE

Quick Clean Body

The cover panel can be quickly removed for washing and the airflow vents can be opened without any special tools, making it easy to clean the inside of the air conditioner in minutes. Periodic cleaning of the air conditioner is recommended to maintain optimum operating efficiency and energy savings.

Open the vents and reach into clean the fan

Exclusive Quick Clean Kit (Optional)

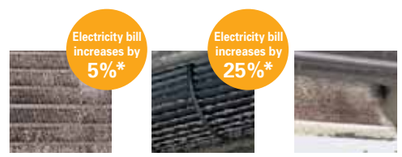
Our exclusive "Quick Clean Kit" can be easily connected to a household vacuum cleaner for quick and easy cleaning of the heat exchanger.*

*It is highly recommended that rubber gloves be worn when cleaning the heat exchanger. Touching it with bare hands may lead to injury.

Mitsubishi Electric's "Quick Clean Body" prevents increases in electricity cost by as much as 30%*

Always clean the heat exchanger, fan, and air vent to ensure proper performance and economical operation.

*Electricity cost comparison of operation between two units at a fixed temperature; one with 8g of dirt on one fan and the other fan clean. Based on in-house data.



Self-diagnostic Function (Check Code Display)

Check codes are displayed on the remote controller or the operation indicator to inform the user of malfunctions detected.

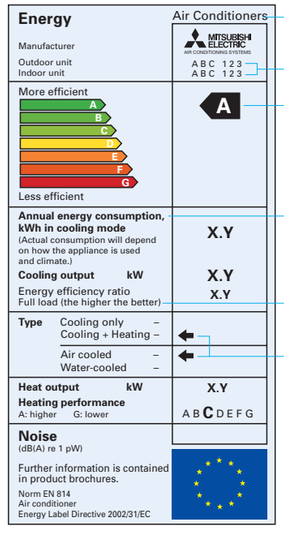
Failure Recall Function

Operation failures are recorded, allowing confirmation when needed.

ENERGY LABELING

In order to conform with the regulations stipulated in the Kyoto Protocol, the European Climate Change Program has been introduced. This program has established a form of "energy labeling" as one method to promote the reduction of CO_2 emissions. The European Commission is confident that this labeling program will contribute to educating companies and the public as to the vital importance of understanding energy consumption, thereby leading consumers to purchase products that are both efficient and environmentally friendly. Each label contains information pertaining to the amount of energy consumed by the unit. Air conditioners with cooling capacities of under 12kW are split into seven categories (A-G). Each category is classified according to energy consumption (i.e. the "Energy Efficiency Ratio") and color coded. Units in Category A are the most efficient, symbolized by a green arrow on the label. Less efficient units are classified in order of efficiency, with the least efficient units belonging to Category G, the label of which is marked with a red arrow. This enables consumers to easily identify the more efficient units when they are comparing brands and units at the time of purchase.

Energy Labeling of Air Conditioners



Product

Model Name

Energy Efficiency Class

Annual Energy Consumption
The Annual Energy Consumption is calculated with the total input power multiplied by an average of 500 hours per year in cooling mode at full load.

Energy Efficiency Ratio
Higher EER means better energy efficiency.

Type of Air Conditioner

Classifications

All air conditioners with the cooling capacity under 12kW are concerned.
Directive defines for each type of product the energy class going from A (more efficient) to G (less efficient).
The energy efficiency class is determined in accordance with the following tables.

Energy Efficiency Class In cooling mode	Energy Efficiency Class In heating mode
A 3.20 < EER	A 3.60 < COP
B 3.20 ≥ EER > 3.00	B 3.60 ≥ COP > 3.40
C 3.00 ≥ EER > 2.80	C 3.40 ≥ COP > 3.20
D 2.80 ≥ EER > 2.60	D 3.20 ≥ COP > 2.80
E 2.60 ≥ EER > 2.40	E 2.80 ≥ COP > 2.60
F 2.40 ≥ EER > 2.20	F 2.60 ≥ COP > 2.40
G 2.20 ≥ EER	G 2.40 ≥ COP

(These classifications are for Split and Multi-Split type air conditioners.)

FEATURES

• The figures listed in the table are "only when combined with an outdoor unit with the appropriate capacity range".
• Optional: Separate parts must be purchased.

Category		Icon	M SERIES																						
	Combination	Indoor unit	MSZ-FD20/35/50VA(S)						MSZ-GE22/25/35/42/50VA						MSZ-GA60/71VA				MSZ-HC25/35VA(B)	MSC-GE20/25/35VB		MSH-GE50VB	MSH-GA60VB	MSH-GD80VB	MS-GE50VB
		Outdoor unit	MUZ-FD	MXZ-2A	MXZ-3A	MXZ-4A	MXZ-5A	MXZ-8A	MUZ-GE	MXZ-2A	MXZ-3A	MXZ-4A	MXZ-5A	MXZ-8A	MUZ-GA	MXZ-4A	MXZ-5A	MXZ-8A	MUZ-HC	MUH-GA	MU-GA	MUH-GE	MUH-GA	MUH-GD	MU-GE
Technology		DC Inverter	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						
		Joint Lap DC Motor	●	●	●	●	●		●	●	●	●	●		●	●	●		●						
		Magnetic Flux Vector Sine Wave Drive						●						●				●							
		Reluctance DC Rotary Compressor				80	●					80	●			80	●								
		Highly Efficient DC Scroll Compressor						●						●				●							
		Rare Earth Magnet Rotor(Compressor)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	35						
		DC Fan Motor	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						
		Vector-Wave Eco Inverter						●						●				●							
		PAM(Pulse Amplitude Modulation)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							
		Power Receiver and Twin LEV Control			●	●	●				●	●	●			●	●								
		Grooved Piping	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						
Functions	Energy Saving	Felt Temperature Control (i-see Sensor)	●	●	●	●	●	●																	
		AREA Temperature Monitor	●	●	●	●	●	●																	
		Econo Cool Energy-saving Feature	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		'I-Feel' Control																		●	●	●	●	●	●
		Demand Function						Optional						Optional				Optional							
	Attractive	Pure White	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						
		Auto Vane	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Air Quality	Plasma Duo	●	●	●	●	●	●																	
		Air-cleaning Filter																		Optional	Optional	Optional	Optional	Optional	Optional
		Fresh-air Intake																							
		Anti-allergy Enzyme Filter							Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional							
		High-efficiency Filter																							
		Catechin Filter							●	●	●	●	●	●	●	●	●	●	Optional	●	●	●	●	●	●
		Oil Mist Filter																							
		Long-life Filter																							
		Filter Check Signal																							
	Air Distribution	Horizontal Fin	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Vertical Fin	●	●	●	●	●	●							●	●	●	●				●	●	●	●
		High Ceiling Mode																							
		Low Ceiling Mode																							
		Auto Fan Speed Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Wide and Long Airflow													●	●	●	●				●	●	●	●
	Convenience	On/off Operation Timer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		"i save" Mode							●	●	●	●	●	●											
		Auto Changeover	●	●*1	●*1	●*1	●*1	●*1	●	●*1	●*1	●*1	●*1	●*1	●	●*1	●*1	●*1							
		Auto Restart	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Low-temperature Cooling	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							
		Low-noise Operation(Outdoor Unit)		●	●	●	●	●		●	●	●	●	●		●	●	●							
		Ampere Limit Aoljustment				80	●	●				80	●	●		80	●	●							
		Operation Lock		●	●	●	●	●		●	●	●	●	●		●	●	●							
		Rotation, Back-up and 2nd Stage Cut-in Functions																							
	System Control	PAR-21MAA Control *3	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional							
		Centraliesd On/Off Control *3	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional							
		System Group Control *3	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional							
		M-NET Connection *3	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional							
		COMPO *4																							
		MXZ Connection		●*2	●*2	●*2	●*2	●*2		●*2	●*2	●*2	●*2	●*2		●*2	●*2	●*2							
	Installation	Cleaning-free Pipe Reuse	●	●	●	●	●		●	●	●	●	●		●	●	●		●						
		Reuse of Existing Wiring																							
		Wiring/Piping Correction Function				80	●					80	●			80	●								
		Drain Pump																							
		Pump Down Switch																							
		Flare Connection	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Maintenance	Quick Clean Body	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							
		Self-Diagnosis Function(Check Code Display)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Failure Recall Function	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						

Category		Icon	M SERIES												
	Combination	Indoor unit	MS-GA60VB	MS-GD80VB	MFZ-KA25/35/50VA						MLZ-KA25/35/50VA				
		Outdoor unit	MU-GA	MU-GD	SUZ-KA	MXZ-2A	MXZ-3A	MXZ-4A	MXZ-5A	MXZ-8A	MXZ-2A	MXZ-3A	MXZ-4A	MXZ-5A	MXZ-8A
Technology		DC Inverter			●	●	●	●	●	●	●	●	●	●	●
		Joint Lap DC Motor			●	●	●	●	●		●	●	●	●	
		Magnetic Flux Vector Sine Wave Drive								●					●
		Reluctance DC Rotary Compressor						80	●				80	●	
		Highly Efficient DC Scroll Compressor								●					●
		Rare Earth Magnet Rotor(Compressor)			●	●	●	●	●	●	●	●	●	●	●
		DC Fan Motor			●	●	●	●	●	●	●	●	●	●	●
		Vector-Wave Eco Inverter								●					●
		PAM(Pulse Amplitude Modulation)			●	●	●	●	●	●	●	●	●	●	●
		Power Receiver and Twin LEV Control					●	●	●			●	●	●	
		Grooved Piping			●	●	●	●	●	●	●	●	●	●	●
Functions	Energy Saving	Felt Temperature Control (i-see Sensor)													
		AREA Temperature Monitor													
		Econo Cool Energy-saving Feature	●	●	●	●	●	●	●	●	●	●	●	●	●
		'I-Feel' Control	●	●											
		Demand Function								Optional					Optional
	Attractive	Pure White			●	●	●	●	●	●					
		Auto Vane	●	●	●	●	●	●	●	●	●	●	●	●	●
	Air Quality	Plasma Duo													
		Air-cleaning Filter	Optional	Optional											
		Fresh-air Intake													
		Anti-allergy Enzyme Filter			●	●	●	●	●	●	Optional	Optional	Optional	Optional	Optional
		High-efficiency Filter													
		Catechin Filter	●	●	●	●	●	●	●	●	Optional	Optional	Optional	Optional	Optional
		Oil Mist Filter													
		Long-life Filter													
		Filter Check Signal													
	Air Distribution	Horizontal Fin	●	●	●	●	●	●	●	●	●	●	●	●	●
		Vertical Fin	●	●											
		High Ceiling Mode									●	●	●	●	●
		Low Ceiling Mode													
		Auto Fan Speed Mode	●	●	●	●	●	●	●	●	●	●	●	●	●
		Wide and Long Airflow	●	●											
	Convenience	On/off Operation Timer	●	●	●	●	●	●	●	●	●	●	●	●	●
		"i save" Mode			●	●	●	●	●	●					
		Auto Changeover			●	●*1	●*1	●*1	●*1	●*1	●*1	●*1	●*1	●*1	●*1
		Auto Restart	●	●	●	●	●	●	●	●	●	●	●	●	●
		Low-temperature Cooling			●	●	●	●	●	●	●	●	●	●	●
		Low-noise Operation(Outdoor Unit)				●	●	●	●	●	●	●	●	●	●
		Ampere Limit Aoljustment						80	●	●			80	●	●
		Operation Lock				●	●	●	●	●	●	●	●	●	●
		Rotation, Back-up and 2nd Stage Cut-in Functions													
	System Control	PAR-21MAA Control *3			Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
		Centraliesd On/Off Control *3			Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
		System Group Control *3			Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
		M-NET Connection *3			Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
		COMPO *4													
		MXZ Connection				●*2	●*2	●*2	●*2	●*2	●*2	●*2	●*2	●*2	●*2
	Installation	Cleaning-free Pipe Reuse			●	●	●	●	●		●	●	●	●	
		Reuse of Existing Wiring													
		Wiring/Piping Correction Function						80	●				80	●	
		Drain Pump									●	●	●	●	●
		Pump Down Switch													
		Flare Connection	●	●	●	●	●	●	●	●	●	●	●	●	●
	Maintenance	Quick Clean Body													
		Self-Diagnosis Function(Check Code Display)	●	●	●	●	●	●	●	●	●	●	●	●	●
		Failure Recall Function			●	●	●	●	●	●	●	●	●	●	●

Category		Icon	S SERIES																	
	Combination	Indoor unit	SLZ-KA25/35/50VA						SLZ-KA25/35/50VAL						SEZ-KD25/35/50/60/71VA					
		Outdoor unit	SUZ-KA	MXZ-2A	MXZ-3A	MXZ-4A	MXZ-5A	MXZ-8A	SUZ-KA	MXZ-2A	MXZ-3A	MXZ-4A	MXZ-5A	MXZ-8A	SUZ-KA	MXZ-2A	MXZ-3A	MXZ-4A	MXZ-5A	MXZ-8A
Technology		DC Inverter	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Joint Lap DC Motor	●	●	●	●	●		●	●	●	●	●		●	●	●	●	●	
		Magnetic Flux Vector Sine Wave Drive						●						●						●
		Reluctance DC Rotary Compressor				80	●					80	●		71			80	●	
		Highly Efficient DC Scroll Compressor						●						●						●
		Rare Earth Magnet Rotor(Compressor)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		DC Fan Motor	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Vector-Wave Eco Inverter						●						●						●
		PAM(Pulse Amplitude Modulation)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Power Receiver and Twin LEV Control			●	●	●				●	●	●				●	●	●	
		Grooved Piping	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Functions	Energy Saving	Felt Temperature Control (i-see Sensor)																		
		AREA Temperature Monitor																		
		Econo Cool Energy-saving Feature																		
		'I-Feel' Control																		
		Demand Function						Optional						Optional						Optional
	Attractive	Pure White	●	●	●	●	●	●	●	●	●	●	●	●						
		Auto Vane	●	●	●	●	●	●	●	●	●	●	●	●						
	Air Quality	Plasma Duo																		
		Air-cleaning Filter																		
		Fresh-air Intake	●	●	●	●	●	●	●	●	●	●	●	●						
		Anti-allergy Enzyme Filter																		
		High-efficiency Filter																		
		Catechin Filter																		
		Oil Mist Filter																		
		Long-life Filter	●	●	●	●	●	●	●	●	●	●	●	●						
		Filter Check Signal	●	●	●	●	●	●												
	Air Distribution	Horizontal Fin	●	●	●	●	●	●	●	●	●	●	●	●						
		Vertical Fin																		
		High Ceiling Mode																		
		Low Ceiling Mode																		
		Auto Fan Speed Mode													●	●	●	●	●	●
		Wide and Long Airflow																		
	Convenience	On/off Operation Timer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		"i save" Mode																		
		Auto Changeover	●	●*1	●*1	●*1	●*1	●*1	●	●*1	●*1	●*1	●*1	●*1	●	●*1	●*1	●*1	●*1	●*1
		Auto Restart	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Low-temperature Cooling	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Low-noise Operation(Outdoor Unit)		●	●	●	●	●		●	●	●	●	●		●	●	●	●	●
		Ampere Limit Aoljustment				80	●	●				80	●	●				80	●	●
		Operation Lock		●	●	●	●	●		●	●	●	●	●		●	●	●	●	●
		Rotation, Back-up and 2nd Stage Cut-in Functions																		
	System Control	PAR-21MAA Control *3	●	●	●	●	●	●	Optional	Optional	Optional	Optional	Optional	Optional	●	●	●	●	●	●
		Centraliesd On/Off Control *3	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
		System Group Control *3	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
		M-NET Connection *3	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
		COMPO *4																		
		MXZ Connection		●*2	●*2	●*2	●*2	●*2		●*2	●*2	●*2	●*2	●*2		●*2	●*2	●*2	●*2	●*2
	Installation	Cleaning-free Pipe Reuse		●	●	●	●			●	●	●	●			●	●	●	●	
		Reuse of Existing Wiring																		
		Wiring/Piping Correction Function				80	●					80	●					80	●	
		Drain Pump	●	●	●	●	●	●	●	●	●	●	●	●	Optional	Optional	Optional	Optional	Optional	Optional
		Pump Down Switch																		
		Flare Connection	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Maintenance	Quick Clean Body																		
		Self-Diagnosis Function(Check Code Display)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Failure Recall Function	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

*1 When multiple indoor units connected to an MXZ outdoor unit are running at the same time, simultaneous cooling and heating is not possible.
*2 For the possible connectivity of MXZ outdoor units and indoor units, please refer to the list on page 93 for details.
*3 Please refer to "System Control" on pages 23-24 for details.
*4 Please refer to page 48 for details.

FEATURES

- If a numerical figure is listed, the feature is only available with the outdoor unit of that capacity.
- Optional: Optional parts must be purchased.

Category	Icon	S SERIES						P SERIES																																									
	Combination Indoor unit	SEZ-KD25/35/50/60/71VAL						PLA-RP35/50/60/71/100/125/140BA(2/3)										PEAD-RP35/50/60/71/100/125/140JA						PEAD-RP35/50/60/71/100/125/140JAL						PEA-RP200/250/400/500GA		PKA-RP35/50HAL		PKA-RP60/71/100KAL					PCA-RP50/60/71/100/125/140KA					PCA-RP71/125HA				PSA-RP71/100/125/140GA			
	Outdoor unit	SUZ-KA	MXZ-2A	MXZ-3A	MXZ-4A	MXZ-5A	MXZ-8A	PUHZ-HRP	PUHZ-RP	PUHZ-P	SUZ-KA	PUH-P	PU-P	MXZ-3A	MXZ-4A	MXZ-5A	MXZ-8A	PUHZ-HRP	PUHZ-RP	PUHZ-P	SUZ-KA	PUH-P	PU-P	PUHZ-HRP	PUHZ-RP	PUHZ-P	SUZ-KA	PUH-P	PU-P	PUHZ-RP	PUHZ-P	PUHZ-RP	PUHZ-P	PUHZ-HRP	PUHZ-RP	PUHZ-P	PUH-P	PU-P	PUHZ-RP	PUHZ-P	SUZ-KA	PUH-P	PU-P	PUHZ-RP	PUHZ-P	PUH-P	PU-P	PUHZ-RP	PUHZ-P	PUH-P	PU-P
Technology	DC Inverter	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●			●	●	●	●			●	●	●	●	●	●	●			●	●	●			●	●			●	●		
	Joint Lap DC Motor	●	●	●	●	●			35-71		●			●	●	●			35-71		●				35-71		●					35-71			60-71				50-71		●			71				71			
	Magnetic Flux Vector Sine Wave Drive						●	●	●	●							●	●	●	●				●	●	●				●	●	●	●	●	●	●			●	●				●	●			●	●		
	Reluctance DC Rotary Compressor	71			80	●				100-140	71				80	●				100-140	71					100-140	71						100-140			100-140				100-140	71				100/125				100-140		
	Highly Efficient DC Scroll Compressor						●	●	100-250	200/250							●	●	100-250	200/250				●	100-250	200/250				●	●	100-200	200	●	100-250	200/250			100-250	200/250				100-250	250			100-250	200/250		
	Rare Earth Magnet Rotor(Compressor)	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●			●	●	●	●			●	●	●	●	●	●	●			●	●	●			●	●			●	●		
	DC Fan Motor	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●			●	●	●	●			●	●	●	●	●	●	●			●	●	●			●	●			●	●		
	Vector-Wave Eco Inverter						●	●	●	●							●	●	●	●				●	●	●				●	●	●	●	●	●	●			●	●				●	●			●	●		
	PAM(Pulse Amplitude Modulation)	●	●	●	●	●	●	●	35-140	100-140	●			●	●	●	●	●	35-140	100-140	●			●	35-140	100-140	●					35-140	100-140	●	60-140	100-140			50-140	100-140	●			71-140	125/140			71-140	100-140		
	Power Receiver and Twin LEV Control			●	●	●		●	●					●	●	●		●	●					●	●					●		●		●	●				●					●				●			
	Grooved Piping	●	●	●	●	●	●	●	●	●	●	100	100	●	●	●	●	●	●	●	●	100	100	●	●	●	●	100	100	●	●	●	●	●	●	●	100	100	●	●	●	100	100	●	●	100	100	●	●	100	100
Functions Energy Saving	Felt Temperature Control (i-see Sensor)							Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional																																		
	AREA Temperature Monitor																																																		
	Econo Cool Energy-saving Feature																																																		
	'I-Feel' Control																																																		
	Demand Function						Optional	Optional	Optional	Optional							Optional	Optional	Optional	Optional				Optional	Optional	Optional				Optional	Optional	Optional	Optional	Optional	Optional	Optional			Optional	Optional				Optional	Optional			Optional	Optional		
Attractive	Pure White							●	●	●	●	●	●	●	●	●	●															●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●
	Auto Vane							●	●	●	●	●	●	●	●	●	●															●	●	●	●	●	●	●	●	●	●	●	●								
Air Quality	Plasma Duo																																																		
	Air-cleaning Filter																																																		
	Fresh-air Intake							●	●	●	●	●	●	●	●	●	●																						●	●	●	●	●	●	●	●	●				
	Anti-allergy Enzyme Filter																																																		
	High-efficiency Filter							Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional																						Optional	Optional	Optional	Optional	Optional								
	Catechin Filter																																																		
	Oil Mist Filter																																											●	●	●	●				
	Long-life Filter							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●										●	●	●	●	●					●	●	●	●
	Filter Check Signal							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			Optional	Optional	Optional	Optional	Optional	Optional	Optional	●	●	●	●	●	●	●	●	●	●	●	●	●
Air Distribution	Horizontal Fin							●	●	●	●	●	●	●	●	●	●															●	●	●	●	●	●	●	●	●	●	●	●								
	Vertical Fin																																															●	●	●	●
	High Ceiling Mode							●	●	●	●	●	●	●	●	●	●																						●	●	●	●	●								
	Low Ceiling Mode							●	●	●	●	●	●	●	●	●	●																						●	●	●	●	●								
	Auto Fan Speed Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●								
	Wide and Long Airflow																																																		
Convenience	On/off Operation Timer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	"i save" Mode																																																		
	Auto Changeover	●	●*1	●*1	●*1	●*1	●*1	●	●	●	●	●		●*1	●*1	●*1	●*1	●	●	●	●	●		●	●	●	●	●		●	●	●	●	●	●	●	●		●	●	●	●		●	●	●		●	●	●	
	Auto Restart	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Low-temperature Cooling	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Low-noise Operation(Outdoor Unit)		●	●	●	●	●	●	●	●				●	●	●	●	●	●	●				●	●	●				●	●	●	●	●	●	●			●	●				●	●			●	●		
	Ampere Limit Aoljustment				80	●	●	100/125	60-140V 200/250						80	●	●	100/125	60-140V 200/250					100/125	60-140V 200/250					●		60-140V 200/250		100/125	60-140V 200/250				60-140V 200/250					71-140V 200/250				71-140V 200/250			
	Operation Lock		●	●	●	●	●							●	●	●	●																																		
	Rotation, Back-up and 2nd Stage Cut-in Functions							●	●	●		●	●					●	●	●		●	●	●	●	●		●	●			Optional	Optional	Optional	Optional	Optional	Optional	Optional	●	●		●	●	●	●	●	●				
System Control	PAR-21MAA Control *3	Optional	Optional	Optional	Optional	Optional	Optional	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Optional	Optional	Optional	Optional	Optional	Optional	Optional	●	●	●	●	●	●	●	●	●	●	●	●	●
	Centraliesd On/Off Control *3	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional			Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	System Group Control *3	Optional	Optional	Optional	Optional	Optional	Optional	●	●	●	Optional	●	●	Optional	Optional	Optional	Optional	●	●	●	Optional	●	●	●	●	●	Optional	●	●	●	●	Optional	Optional	Optional	Optional	Optional	Optional	Optional	●	●	Optional	●	●	●	●	●	●	Optional	Optional	Optional	Optional
	M-NET Connection *3	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	COMPO *4							●	71-250	●		●	●					●	71-250	●		●	●	●	71-250	●		●	●			71-250	●	●	71-250	●	●	●	71-250	●		●	●	71-250	●	●	●	71-250	●	●	●
	MXZ Connection		●*2	●*2	●*2	●*2	●*2							●*2	●*2	●*2	●*2																																		
Installation	Cleaning-free Pipe Reuse		●	●	●	●		●	●					●	●	●		●	●					●	●					●		●		●	●				●					●				●			
	Reuse of Existing Wiring							Optional	Optional	Optional		Optional	Optional					Optional	Optional	Optional		Optional	Optional	Optional	Optional	Optional		Optional	Optional			Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional		Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	Wiring/Piping Correction Function				80	●									80	●																																			
	Drain Pump	Optional	Optional	Optional	Optional	Optional	Optional	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●									Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional								
	Pump Down Switch							●	●	●		●	●					●	●	●		●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●
	Flare Connection	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Maintenance	Quick Clean Body																																																		
	Self-Diagnosis Function(Check Code Display)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Failure Recall Function	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

*1 When multiple indoor units connected to an MXZ outdoor unit are running at the same time, simultaneous cooling and heating is not possible.
*2 For the possible connectivity of MXZ outdoor units and indoor units, please refer to the list on page 93 for details.
*3 Please refer to "System Control" on pages 23-24 for details.
*4 Please refer to page 48 for details.

CONTROL TECHNOLOGIES

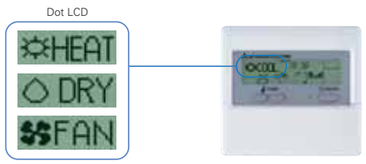
Newly Developed Advanced MA Remote Controller — A Progressive Step in the Evolution of Air Conditioning Control

PAR-21MAA

Dot Liquid-crystal Display Adopted

The adoption of dot liquid-crystal display (LCD) technology and a large display screen for the control panel optimises visibility. Operation and control status are easily read at a glance.

Display Example [Operation Mode]



Easy To Read & Easy To Use

First Multi-language Display in the Industry

Multi-language

Control panel operation in eight different languages.

Choose the desired language, among the following languages.

1st in the Industry!

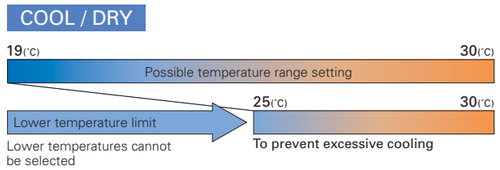
Energy-efficient Control

Operation Control Function

Limited Temperature Range Settings

Air conditioner operation restricted to within a specified operating range

Set the upper and lower limits for the temperature range during operation. Excessive heating or cooling is prevented, leading to increased energy savings.



Recommended for: Office, Restaurant

Auto-off Timer

Automatically turns off air conditioner

Set the time for the air conditioner to turn off automatically. The timer can be set in the range from 30 minutes up to 4 hours in 30-minute intervals.

The "Simple Timer"—starts/stops in units of 1 hour in a 72-hour period—is set at the time of shipment from the factory. It can be changed to the "Auto-off Timer" function using the remote controller.

Recommended for: Meeting room

Operation Lock

Prevent operation settings from being changed

Units can be set so that the operation mode cannot be changed. When "Operation Lock" is activated, new temperature setting commands are not accepted, thereby ensuring that the unit runs in the specified (locked in) temperature range. This promotes energy savings and prevents erroneous/ mischievous operation.

Only the administrator can change settings when using the Operation Lock mode.

Recommend to use in: Office, School / Private school, Public facility like public hall, Hospital, Server room

Weekly Timer – Introduced in Response to Market Demand

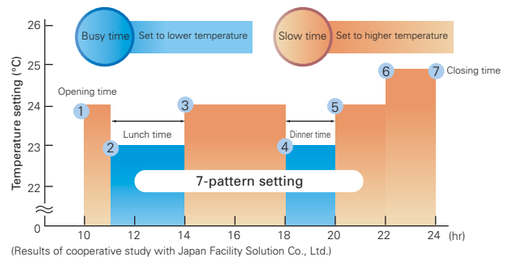
Control temperature on a weekly basis

Temperature settings and On/Off control can be managed over a period of one week using the Weekly Timer. Up to eight setting patterns per calendar day are possible.

Economical & Space Saving

PAR-20MAA Conventional MA Remote Controller + PAC-YT34STA Schedule Timer ▶ PAR-21MAA Remote Controller

Setting Example (restaurant in summer time)



(Results of cooperative study with Japan Facility Solution Co., Ltd.)

Setting the temperature 1°C higher for cooling and 1°C lower for heating leads to an energy savings of approximately 10%.

Approximate 10%* Energy Savings

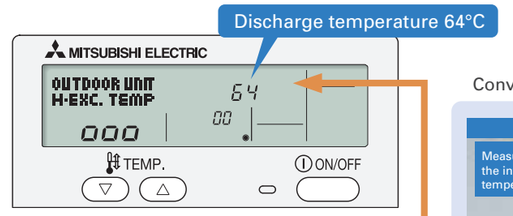
*Based on in-house calculations

Easy Maintenance Function (Mr. Slim Power Inverter only)

POWER INVERTER

- Nearly maintenance-free operation
- Monitor operation data of the indoor and outdoor units via the remote controller.

Remote controller also lets you set the operating frequency, allowing easier inspection.

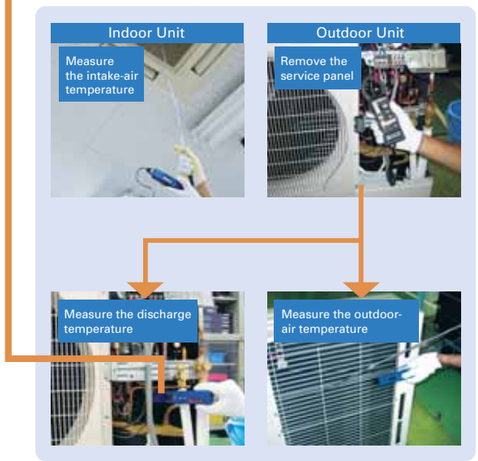


Easy Maintenance Information

Compressor		Outdoor Unit		Indoor Unit	
①	Accumulated operating time (x10hr)	④	Heat exchanger temperature (°C)	⑦	Intake-air temperature (°C)
②	Number of ON/OFF times (x100 times)	⑤	Discharge temperature (°C)	⑧	Heat exchanger temperature (°C)
③	Operating current (A)	⑥	Outdoor-air temperature (°C)	⑨	Filter operating time* (hr)

*The filter operating time is the time elapsed since the filter button was reset.

Conventional Inspection Work



Refrigerant Leakage Check (Mr. Slim Power Inverter only)

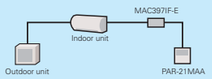
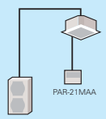
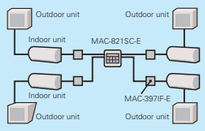
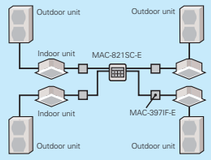
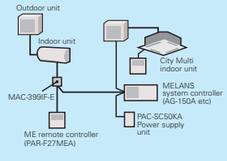
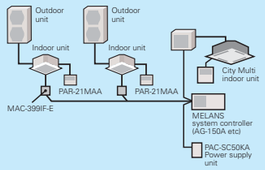
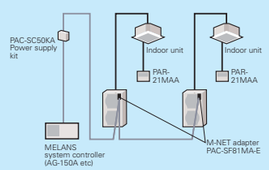
POWER INVERTER

The Mr. Slim Power Inverter units come equipped with a useful new "Refrigerant Leakage Check" function. Using a wired remote controller, it is easy to check if refrigerant has been lost over a long period of use. This reduces service time and gives an added sense of safety.

SYSTEM CONTROL

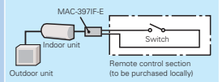
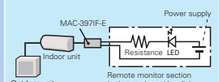
Versatile system controls can be realised using optional parts, relay circuits, control panels, etc.

MAJOR SYSTEM CONTROL

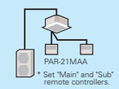
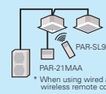
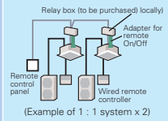
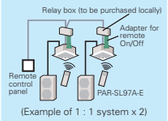
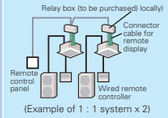
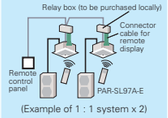
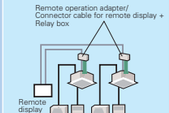
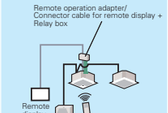
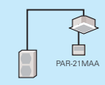
	System Examples		
Indoor Unit	M Series Indoor Unit	S Series & P Series Indoor Unit	P Series Indoor Unit
Outdoor Unit	M Series and MXZ Series Outdoor	S Series and MXZ Series Outdoor	P Series Outdoor
PAR-21MAA Control			
Details	• Wired remote controller can be connected to indoor unit	Standard equipment (for indoor units compatible with wired remote controllers)	
Major Optional Parts Required	• MAC-397IF-E (Interface) • PAR-21MAA (Wired remote controller)	• PAR-21MAA (Wired remote controller)	
System Group Control			
Details	• One remote controller can control plural air conditioners with the same settings simultaneously. • One remote controller can control up to 16 refrigerant systems. (When connected to a MXZ unit, MAC-397IF-E is counted as one system.) • Up to two remote controller can be connected.		
Major Optional Parts Required	• MAC-397IF-E (Interface) • PAR-21MAA (Wired remote controller)		
Centralised On/Off Control			
Details	• Up to 8 indoor units can be switched On/Off with one remote controller.		
Major Optional Parts Required	• MAC-397IF-E (Interface) • MAC-821SC-E (Centralised remote controller)		
M-NET Connections			
Details	• Group of air conditioners can be controlled by MELANS system controller (M-NET).		
Major Optional Parts Required	• MAC-399IF-E (M-NET Interface) • MELANS System controller • PAC-SC50KA (power supply unit)		• PAC-SF81MA-E (M-NET converter) • MELANS System controller • PAC-SC50KA (power supply unit)

OTHERS

For M Series Indoor Units (New A-control Models Only)

	System Examples	Connection Details	Control Details	Major Optional Parts Required
1 Remote On/Off Operation • Air conditioner can be started/stopped remotely. (1 and 2 can be used in combination)		Connect the interface to the air conditioner. Then connect the locally purchased remote controller to the terminal in the interface.	On/Off operation is possible from a remote location.	• **MAC-397IF** (Interface) • Parts for circuit such as relay box, lead wire, etc. (to be purchased locally)
2 Remote Display of Operation Status • The On/Off status of air conditioners can be confirmed remotely. (1 and 2 can be used in combination)		Connect the interface to the air conditioner. Then connect the locally purchased remote controller to the terminal in the interface.	The operation status (On/Off) or error signals can be monitored from a remote location.	• **MAC-397IF-E** (Interface) • Parts for circuit to be purchased locally (DC power source needed)

For P Series and S Series Indoor Units

	System Examples		Details	Major Optional Parts Required
	Wired remote controller	Wireless remote controller		
A 2-remote Controller Control With two remote controllers, control can be performed locally and remotely from two locations.	 (Example of 1 : 1 system)	 (Example of Simultaneous Twin)	• Up to two remote controllers can be connected to one group. • Both wired and wireless remote controllers can be used in combination.	• Wired Remote Controller **PAR-21MAA** • Wired Remote Controller Kit for PKA **PAR-21MAAT-E** • Wireless Remote Controller **PAR-SL97A-E** (Except for SLZ) • Wireless Remote Controller Kit for PCA **PAR-SL99B-E**
B Operation Control by Level Signal Air conditioner can be started/stopped remotely. In addition, On/Off operation by local remote controller can be prohibited/permitted.	 (Example of 1 : 1 system x 2)	 (Example of 1 : 1 system x 2)	• Operation other than On/Off (e.g., adjustment of temperature, fan speed, and airflow) can be performed even when remote controller operation is prohibited. • Timer control is possible with an external timer.	• Adapter for remote On/Off **PAC-SE55RA-E** • Relay box (to be purchased locally) • Remote control panel (to be purchased locally)
C Operation Control by Pulse Signal	 (Example of 1 : 1 system x 2)	 (Example of 1 : 1 system x 2)	• The pulse signal can be turned On/Off. • Operation/emergency signal can be received at a remote location.	• Connector cable for remote display **PAC-SA88HA-E / PAC-725AD (10 pcs. x PAC-SA88HA-E)** • Relay box (to be purchased locally) • Remote control panel (to be purchased locally)
D Remote Display of Operating Status Operating status can be displayed at a remote location.	 (Example of 1 : 1 system)	 (Example of Simultaneous Twin)	• Operation/emergency signal can be received at a remote location (when channeled through the **PAC-SF40RM** → no-voltage signal, when channeled through the **PAC-SA88HA-E** → DC 12V signal).	• Remote display panel (to be purchased locally) • Connector cable for remote display **PAC-SA88HA-E / PAC-725AD (10 pcs. x PAC-SA88HA-E)** • Relay box (to be purchased locally) • Remote operation adapter **PAC-SF40RM** *Unable to use with wireless remote controller • Remote display panel (to be purchased locally)
E Timer Operation Allows On/Off operation with timer *For control by an external timer, refer to B Operation Control by Level Signal.	 (Example of 1 : 1 system)		• **Weekly Timer:** On/Off and up to 8 pattern temperatures can be set for each calendar day. (Initial setting) • **Simple Timer:** On/Off can be set once each within 72 hr in intervals of one hour. • **Auto-off Timer:** Operation will be switched off after a certain time elapse. Set time can be changed from 30 min. to 4 hr. at 30 min. intervals. *Simple Timer and Auto-off Timer cannot be used at the same time.	Standard functions of **PAR-21MAA**

M SERIES



SELECTION

Line-up includes seven series.
Choose the model that best matches room conditions.

STEP 1 SELECT SERIES

A multiple series line-up to choose from, each with various outstanding features. In addition to inverter-equipped models, constant-speed, floor-standing and cassette models can be selected. Choose the best series to match usage needs.

Wall-mounted Units

MSZ-F SERIES

DC Inverter | Super energy-saving | EER A | COP A | 25/35 Ultra-quiet | Cooling Heating | MXZ connection

MSZ-G SERIES

DC Inverter | 25-50 EER A | 25-50 COP A | 22-35 Ultra-quiet | Cooling Heating | MXZ connection

MSZ-H SERIES

DC Inverter | VA EER A | VA COP A | Cooling Heating

MSH-G SERIES

20-35 EER A | 20-35 COP A | Cooling Heating

MS-G SERIES

20/25 EER A

Floor-standing/Cassette Units

MFZ SERIES

DC Inverter | 25/35 EER A | 25/35 COP A | Cooling Heating | MXZ connection

MLZ SERIES

DC Inverter | Cooling Heating | MXZ connection ✻ MXZ connection only

DC Inverter Inverter

Super energy-saving Super energy-saving

EER A | COP A Energy Rank A

Ultra-quiet Ultra-quiet operation

Cooling Heating Cooling and heating operation

MXZ connection Compatible for connection to MXZ Series system

✻ To confirm compatibility with the MXZ Series multi-type system, refer to the MXZ Series page.

STEP 2 SELECT OUTDOOR UNIT

Some outdoor units in the line-up have heaters for use in cold regions. Units with an "H" in the model name are equipped with heaters.

Heater Installed

MUZ-GE25/35/42VAH

MUZ-GE50VAH

SUZ-KA25/35VAH

Selecting a Heater-equipped Model
In regions with the following conditions, there is a possibility that water resulting from condensation on the outdoor unit when operating in the heating mode will freeze and not drain from the base.
1) Cold outdoor temperatures (temperature does not rise above 0°C all day)
2) Areas where dew forms easily (in the mountains, valleys(surrounded by mountains), near a forest, near unfrozen lakes, ponds, rivers or hot springs), or areas with snowfall
To prevent water from freezing in the base, it is recommended that a unit with a built-in heater be purchased. Please ask your dealer representative about the best model for you.

KIRIGAMINE

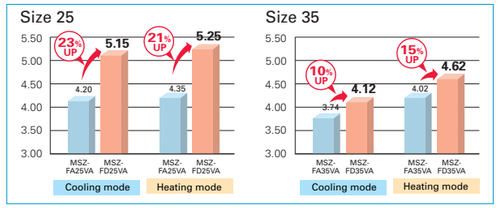
MSZ-F SERIES

The FD Series is designed for optimum cooling/heating performance as well as operational comfort. Quiet, energy-saving operation is supported by some of Mitsubishi Electric's latest technologies. Advanced functions such as i-see Sensor temperature control and the Plasma Duo air filtering and purification system raise room comfort levels to new heights.

High Energy Efficiency

DC Inverter EER A COP A

Power consumption has been reduced by approximately 20% for the cooling and heating modes thanks to the incorporation of our newest inverter technologies. The high energy efficiency of the Size 25 units has obtained a rating of more than 5.0 for both coefficient of performance (COP) and energy efficiency rating (EER).



KEY TECHNOLOGIES

Rare Earth Magnet Rotor for Compressor

Mitsubishi Electric compressor motors utilize a rotor made using a rare earth magnet, the magnetic flux density of which is approximately threefold that of the previous ferrite magnet. This rare metal magnet provides high density and increased magnetic force, which leads to a reduction in energy consumption.

Rare Earth Magnet (for MSZ-FD)

Samarium Magnet Rotor Introduced for DC Fan Motor of Outdoor Units

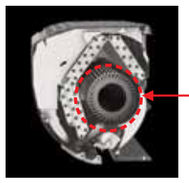
The rotor magnet for the DC motors of the outdoor units has been changed from ferrite to samarium, which has higher magnetic flux. Additionally, the magnet is cut and specially shaped for better efficiency.

Quiet Operation

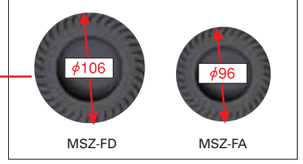
Minimum indoor unit operating noise has been reduced by equipping the unit with a larger blower fan that enables the motor speed to be reduced without reducing the air conditioning capacity.

		MSZ-FD	MSZ-FA
25 VA	Cooling	1dB less 20dB	21dB
	Heating	1dB less 20dB	21dB
35 VA	Cooling	1dB less 21dB	22dB
	Heating	1dB less 21dB	22dB

Side view of MSZ-FD



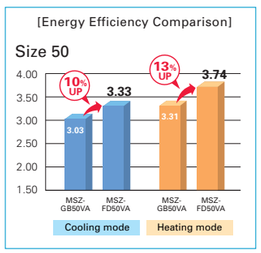
Line flow fan comparison



Introducing Size 50 Units Equipped with Deluxe Inverter Series

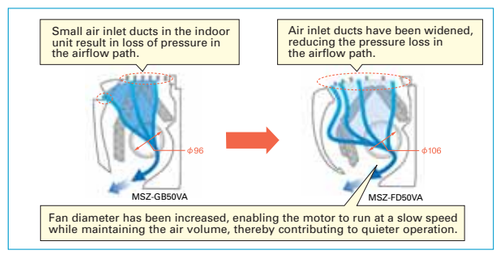
High Energy Efficiency – "Energy Rank A" for All Models

Applying the latest inverter technologies, such as the use of a rare earth magnet in the rotor of the DC fan motor, has resulted in remarkably high energy efficiency and an "Energy Rank A" rating for cooling and heating performance.



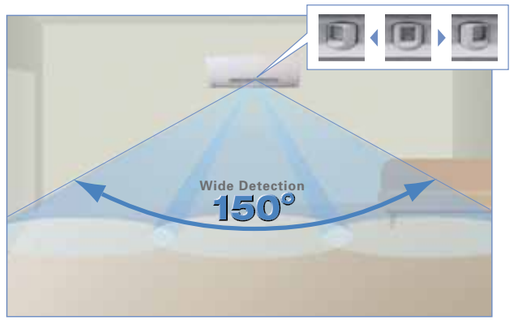
Amazingly Quiet Operation – Redesigned for Performance

The MSZ-FD50VA has a larger fan diameter, wider air inlet in the upper section of the indoor unit and a revised airflow path, which has enabled operation noise to be reduced by 3dB in both cooling and heating modes.



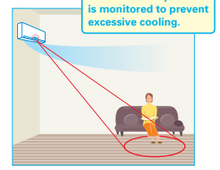
i-see Sensor

Sensor sweeps from side-to-side automatically monitoring the floor temperature over a wide area spanning 150°.



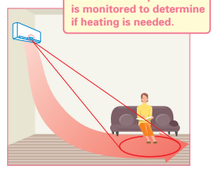
Conventional air conditioners monitor the air temperature at the top of a room to control room temperature and fail to take floor-level temperature, that which has the strongest impact on room comfort, into consideration. The "i-see Sensor" monitors floor-level temperature to ensure that optimum comfort is obtained throughout the room.

Cooling



Cold air migrates to the floor, and this can result in excessive cooling. The "i-see Sensor" monitors the temperature at the floor level and adjusts the outlet-air temperature to prevent over-chilling.

Heating



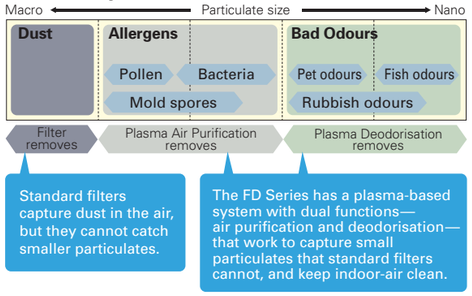
Warm air migrates to the ceiling, thereby failing to warm the floor-level zone. The "i-see Sensor" monitors the temperature at the floor level and adjusts the outlet-air temperature to prevent insufficient warming.

Plasma Duo Filter Systems

FD Series air conditioners are equipped with state-of-the-art air cleaning technologies including a pre-filter and two plasma-based filtering mechanisms (Plasma Duo) that virtually deodorise and purify the air.

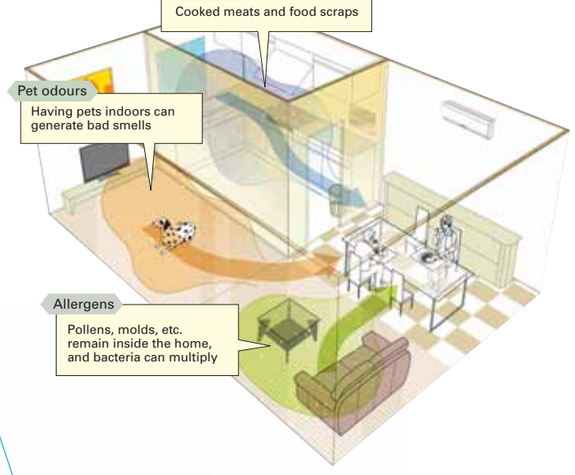
Highly insulated, airtight residences tend to trap odours, allergens like pollen and mold, and bacteria generated in daily life inside the home.

[Effective Range]



Standard filters capture dust in the air, but they cannot catch smaller particulates.

The FD Series has a plasma-based system with dual functions—air purification and deodorisation—that work to capture small particulates that standard filters cannot, and keep indoor-air clean.



Plasma electrode located here

Plasma Electrode

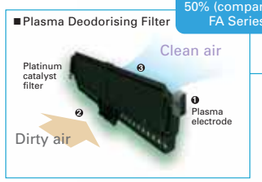
A plasma electrode is mounted inside the indoor unit. An electro-discharge process generates ozone and plasma, which then work together with the two special filters to produce dynamic plasma air-purifying performance.

Plasma Deodorisation

A nanometre scale-meshed platinum catalyst deodorising filter catches odourous particulates that are in the air. Once trapped, the particulates are decomposed and odours eliminated by ozone generated from a plasma electrode.

Deodorising time reduced approx. 50% (compared to FA Series)

■Plasma Deodorising Filter



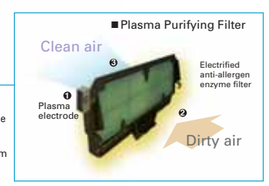
❶Plasma electrode produces ozone
❷Odour-causing particulates trapped
❸Odour-causing particulates decomposed by ozone

❶Plasma electrode produces plasma
❷Plasma gives particulates a negative charge
❸Positive side of the electret filter attracts the negatively charged particulates and enzymes neutralise them

Plasma Air Purification

An electrified anti-allergen enzyme filter is incorporated. A combination of static electricity charged into the filter and plasma generated by the plasma electrode is used to catch bacteria, pollen and other allergens in the air, which are then neutralised by the enzymes in the filter.

■Plasma Purifying Filter

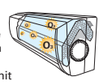


Mold Fighter

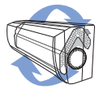
MSZ-FD Series units are equipped with a "Mold Fighter" function designed to suppress the growth of mold spores. The plasma electrode generates ozone, which then attacks the spores and reduces growth by approximately 20%.

■ Mold Fighter Mechanism

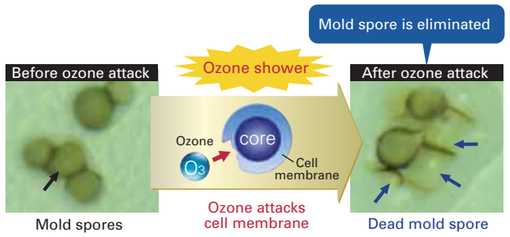
Step 1
Following the use of the cooling mode, the ozone generated by the plasma electrode is distributed throughout the indoor unit in approximately 15 minutes.



Step 2
The fan is turned on, and the heat exchanger is dried in approximately 25 minutes.



✻ Fan speed → very low



What is Ozone?

Ozone (O_3) is a very unstable molecule that slowly transforms itself into oxygen (O_2) and nascent oxygen (O). Splitting the nascent oxygen creates the oxidising ability to sterilise and deodorise.

O_2 + ⚡ → O_3 → O_2 + (O)

Oxygen · High voltage · Ozone · Oxygen · Nascent Oxygen

Ozone density during the ozone shower is safe

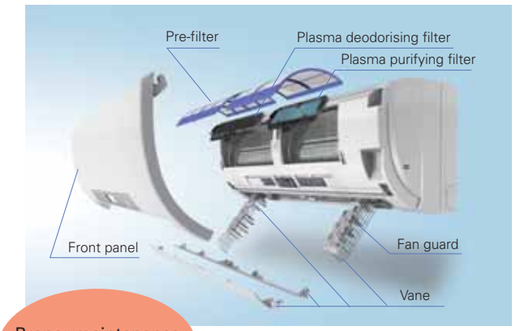
◆ 0.1ppm inside indoor unit
→ Within the upper limit of the acceptable range for ozone gas density in work environments.
[Safety limit advised by the Japan Society for Occupational Health.]

◆ 0.01ppm or lower in room
→ Below the average ozone density in coastal or forested regions.

Quick Clean Body

The front panel is detachable and the airflow vents can be opened without requiring any special tools, making air conditioner cleaning and maintenance easier than ever. Periodic cleaning of the air conditioner is recommended to ensure that operation efficiency and energy savings are maximised.

The inner fan is placed within ready reach, for handy cleaning.



Proper maintenance keeps electricity cost low

The exclusive Quick Clean Kit is easily connected to household vacuum cleaners for quick and convenient cleaning of the heat exchanger and fan.✻

✻ Wearing gloves is highly recommended when cleaning the heat exchanger, because touching it with bare hands can cause injury.

White & Silver Indoor Units

Indoor units are available in two colours, white or silver. Choose the colour that best matches your room interior.

White

MSZ-FD25/35/50VA

Silver

MSZ-FD25/35/50VAS

MSZ-F SERIES

DC Inverter · Joint Lap · Rare Earth Magnet · DC Fan Motor · PAM · Grooved Piping · EER A · COP A

Indoor Unit

MSZ-FD25/35/50VA — White

MSZ-FD25/35/50VAS — Silver

Outdoor Unit

MUZ-FD25/35VA

MUZ-FD50VA

i-see Sensor · AREA · Econo Cool · Pure White · AUTO VANE · Plasmo Duo Filter Systems · SWING · SWING · AUTO · ACO · Auto Restart · Low Temp Cooling · Centralised On/Off (Optional) · Group Control (Optional) · M-NET connection (Optional) · MXZ connection · Cleaning-free pipe route · Flare connection · Quick Clean · Self Diagnosis · Failure Recall

Type				Inverter Heat Pump		
Indoor Unit				MSZ-FD25VA(S)*1	MSZ-FD35VA(S)*1	MSZ-FD50VA(S)*1
Outdoor Unit				MUZ-FD25VA	MUZ-FD35VA	MUZ-FD50VA
Power Supply	Source			Outdoor power supply		
	Outdoor (V/Phase/Hz)			230 / Single / 50		
Cooling	Capacity	Rated	kW	2.5	3.5	5.0
		Min - Max	kW	1.1 - 3.5	1.1 - 4.0	1.5 - 5.8
	Total Input	Rated	kW	0.485	0.850	1.500
	EER			5.15	4.12	3.33
		EEL Rank		A	A	A
	SPL	Indoor Unit [Lo-Mid-Hi-SHi*2]	dB(A)	20 - 29 - 36 - 42	21 - 29 - 36 - 43	29 - 39 - 45 - 52
		Outdoor Unit [Rated]	dB(A)	46	47	54
	Air Volume	Indoor Unit [Lo-Mid-Hi-SHi*2]	m³/min	4.6 - 6.3 - 8.6 - 11.2	4.6 - 6.3 - 8.6 - 11.2	6.3 - 8.9 - 11.2 - 14.8
		Outdoor Unit [Rated]	m³/min	35.2	36.3	49.0
Heating	Capacity	Rated	kW	3.2	4.0	5.8
		Min - Max	kW	1.5 - 5.5	1.5 - 6.3	1.5 - 7.8
	Total Input	Rated	kW	0.610	0.865	1.550
	COP			5.25	4.62	3.74
		EEL Rank		A	A	A
	SPL	Indoor Unit [Lo-Mid-Hi-SHi*2]	dB(A)	20 - 29 - 36 - 43	21 - 29 - 36 - 44	27 - 37 - 43 - 50
		Outdoor Unit [Rated]	dB(A)	46	50	56
	Air Volume	Indoor Unit [Lo-Mid-Hi-SHi*2]	m³/min	4.5 - 6.7 - 9.2 - 12.1	4.7 - 6.7 - 9.2 - 12.5	5.5 - 8.9 - 11.2 - 14.8
		Outdoor Unit [Rated]	m³/min	32.8	37.8	49.0
Operating Current (max)				10.0	10.0	16.0
Indoor Unit	Input	Rated	kW	0.031	0.033	0.060
	Operating Current (max)		A	0.4	0.4	0.5
	Dimensions	H x W x D	mm	295 - 798 - 257	295 - 798 - 257	295 -798 -257
	Weight		kg	12	12	12
	Breaker Size		A	10	10	16
Outdoor Unit	Dimensions	H x W x D	mm	550 - 800 - 285	550 - 800 - 285	850 - 840 - 330
	Weight		kg	36	36	55
	Operating Current (max)		A	9.60	9.60	15.5
	Breaker Size		A	10	10	16
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
	Max. Length	Out-In	m	20	20	30
	Max. Height	Out-In	m	12	12	15
Guaranteed Operating Range [Outdoor]		Cooling	℃	-10 ~ +46	-10 ~ +46	-10 ~ +46
		Heating	℃	-15 ~ +24	-15 ~ +24	-15 ~ +24

*1 MSZ-FD VAS is silver.
*2 SHi → Super High

MSZ-G SERIES

The standard model MSZ-G units provide excellent energy savings and operation is impressively silent. A vast series line-up is ready to ensure comfortable room environments in response to your air conditioning needs.

Wide Line-up

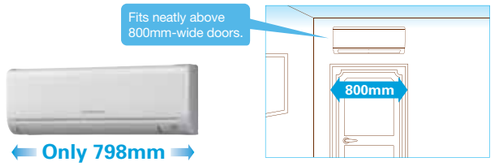
Seven different indoor units (Model 22-71) and 10 outdoor units are available to meet your diversified air conditioning needs.

MSZ-GE22/25/35/42/50VA

MSZ-GA60/71VA

Stylish and Compact

An elegant, high-quality look is achieved through the new stylish design adopted for the Model 22-50 indoor units. The simple ergonomic square shape and pure white color express a sense of sophistication that matches well with virtually any interior décor.



High Energy Efficiency

DC Inverter | 25-50 EER A | 25-50 COP A

"Energy Rank A" Achieved

The combination of cutting-edge inverter technologies and a highly efficient heat exchanger result in remarkable energy efficiency. Even when equipped with the very convenient and compact 798mm-wide indoor unit—which can be installed in small spaces like above doorways—all models* have an "Energy Rank A" rating.

* Model sizes 25-50.

Quiet Operation

Only 19dB

A "Silent Mode" setting has been added to the fan speed settings, ensuring super-quiet operation below 20dB for model sizes 35 and under. Perfect for the bedroom; it's so quiet you'll check to see if it's on.

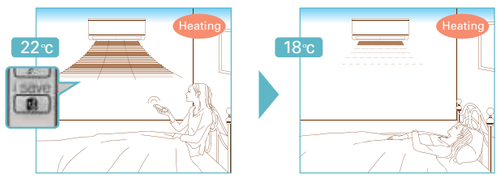
Comparison of minimum Indoor SPL (dB)

Size	25		35		42		50	
Series (Fan Speed)	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
MSZ-GC (Low)	21	21	22	22	-	-	32	30
	2dB Less	2dB Less	3dB Less	3dB Less			4dB Less	2dB Less
MSZ-GE (Silent)	19	19	19	19	26	26	28	28

"i save" Mode

22-50 i save

"i save" is a simplified setting function that recalls the preferred (preset) temperature by pressing a single button on the remote controller. Press the same button twice in repetition to immediately return to the previous temperature setting. Using this function contributes to comfortable, waste-free operation, realising the most suitable air conditioning settings and saving on power consumption when, for example, leaving the room or going to bed.



✻Temperature can be preset to 10°C when heating in the "i-save" mode (except when connected to MXZ-8A140VA).

Outdoor Units for Cold Region

Single split-type outdoor units are available in both standard and heater-equipped units. An electric heater is installed in each unit to prevent freezing in cold outdoor environments.

Standard Units

MUZ-GE25/35/42VA MUZ-GE50VA

Heater Installed

MUZ-GE25/35/42VAH MUZ-GE50VAH

MSZ-G SERIES

DC Inverter | Joint Lap | Rare Earth Magnet | DC Fan Motor | PAM | Grooved Piping | 25-50 EER A | 25-50 COP A

Indoor Unit

MSZ-GE22/25/35/42/50VA

MSZ-GA60/71VA

Outdoor Unit

MUZ-GE25/35/42VA(H)

MUZ-GE50VA(H)
MUZ-GA60/71VA

Econo Cool | Pure White | AUTO VANE | Anti-allergy Enzyme (Optional) | Catechin | SWING | SWING (GA) | AUTO | WIDE LOOP (GA) | (GE) | i save | ACO | Auto Restart | Low Temp Cooling | Optional | Centralised On/Off (Optional)

Group Control (Optional) | M-NET connection (Optional) | MXZ connection | Cleaning-free pipe route | Flare connection | Quick Clean | Self Diagnosis | Failure Recall

Type				Inverter Heat Pump						
Indoor Unit				MSZ-GE22VA	MSZ-GE25VA	MSZ-GE35VA	MSZ-GE42VA	MSZ-GE50VA	MSZ-GA60VA	MSZ-GA71VA
Outdoor Unit				N/A*2	MUZ-GE25VA(H)	MUZ-GE35VA(H)	MUZ-GE42VA(H)	MUZ-GE50VA(H)	MUZ-GA60VA	MUZ-GA71VA
Power Supply	Source			Outdoor power supply						
	Outdoor (V/Phase/Hz)			230 / Single / 50						
	Indoor (V/Phase/Hz)			–						
Cooling	Capacity	Rated	kW	-	2.5	3.5	4.2	5.0	6.0	7.1
		Min - Max	kW	-	1.1 - 3.5	1.1 - 4.0	0.9 - 4.8	1.4 - 5.5	0.9 - 6.7	0.9 - 8.3
	Total Input	Rated	kW	-	0.545	0.865	1.215	1.515	1.930	2.420
	EER			-	4.59	4.05	3.46	3.30	3.11	2.93
		EEL Rank		-	A	A	A	A	B	C
	SPL	Indoor Unit [Silent-Lo-Mid-Hi-SHi*1]	dB(A)	19 - 21 - 29 - 36 - 42	19 - 21 - 29 - 36 - 42	19 - 22 - 30 - 36 - 43	26 - 30 - 35 - 40 - 46	28 - 33 - 38 - 44 - 49	32 - 40 - 54*3	33 - 40 - 54*3
		Outdoor Unit [Rated]	dB(A)	-	47	47	50	54	53	53
	Air Volume	Indoor Unit [Silent-Lo-Mid-Hi-SHi*1]	m^3/min	4.1 - 4.8 - 6.7 - 9.1 - 11.3	4.1 - 4.8 - 6.7 - 9.1 - 11.3	4.1 - 4.8 - 6.7 - 9.1 - 12.7	5.8 - 6.8 - 8.6 - 10.4 - 12.8	6.5 - 7.8 - 9.6 - 11.9 - 15.1	8.7 - 12.8 - 17.2	9.4 - 13.3 - 17.2
		Outdoor Unit [Rated]	m^3/min	-	32.6	36.3	36.3	49.0	49.0	49.0
Heating	Capacity	Rated	kW	-	3.2	4.0	5.4	5.8	6.8	8.1
		Min - Max	kW	-	1.3 - 4.5	1.6 - 5.3	1.4 - 6.0	1.4 - 7.3	0.9 - 8.1	0.9 - 9.6
	Total Input	Rated	kW	-	0.700	0.955	1.460	1.565	1.940	2.450
	COP			-	4.57	4.19	3.70	3.71	3.51	3.31
		EEL Rank		-	A	A	A	A	B	C
	SPL	Indoor Unit [Silent-Lo-Mid-Hi-SHi*1]	dB(A)	19 - 21 - 29 - 36 - 42	19 - 21 - 29 - 36 - 42	19 - 22 - 30 - 36 - 42	26 - 30 - 35 - 40 - 46	28 - 33 - 37 - 43 - 48	32 - 40 - 54*3	33 - 40 - 54*3
		Outdoor Unit [Rated]	dB(A)	-	48	48	51	56	55	55
	Air Volume	Indoor Unit [Silent-Lo-Mid-Hi-SHi*1]	m^3/min	4.1 - 4.8 - 6.6 - 9.1 - 11.5	4.1 - 4.8 - 6.6 - 9.1 - 11.5	4.1 - 4.8 - 6.7 - 9.1 - 11.5	5.8 - 7.0 - 8.6 - 10.4 - 13.1	6.5 - 7.9 - 9.6 - 12.2 - 14.5	8.7 - 13.1 - 17.2	9.4 - 13.6 - 17.2
		Outdoor Unit [Rated]	m^3/min	-	34.7	34.8	34.8	49.0	49.0	49.0
Operating Current (max)				-	7.4	8.6	10.0	13.0	16.0	16.0
Indoor Unit	Input	Rated	kW	0.023	0.023	0.029	0.03	0.043	0.06	0.06
	Operating Current (max)		A	0.4	0.4	0.4	0.4	0.5	0.6	0.6
	Dimensions	H x W x D	mm	295 - 798 - 232	295 - 798 - 232	295 - 798 - 232	295 - 798 - 232	295 - 798 - 232	325 - 1100 - 258	325 - 1100 - 258
	Weight		kg	10	10	10	10	10	16	16
	Breaker Size		A	-	-	-	-	-	-	-
Outdoor Unit	Dimensions	H x W x D	mm	-	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	850 - 840 - 330	850 - 840 - 330	850 - 840 - 330
	Weight		kg	-	30	33	36	54	53	58
	Operating Current (max)		A	-	7.0	8.2	9.6	12.5	15.4	15.4
	Breaker Size		A	-	10	10	10	16	20	20
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88
	Max. Length	Out-In	m	-	20	20	20	30	30	30
	Max. Height	Out-In	m	-	12	12	12	15	15	15
Guaranteed Operating Range [Outdoor]		Cooling	℃	-	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +43	-10 ~ +43
		Heating	℃	-	-15(-20) ~ +24	-15(-20) ~ +24	-15(-20) ~ +24	-15(-20) ~ +24	-15 ~ +24	-15 ~ +24

*1 SHi → Super High *2 MSZ-GE22 is for MXZ connection only. *3 Lo-Mid-Hi

MSZ-H SERIES

MSZ-HC25/35VA(B)

Compact, high-performance indoor and outdoor units and advanced inverter technologies provide superior energy savings and comfort in all rooms.

Stylish Design with Flat Panel Front

A stylish flat panel design is employed for the front of the indoor unit. The simple look matches room aesthetics.

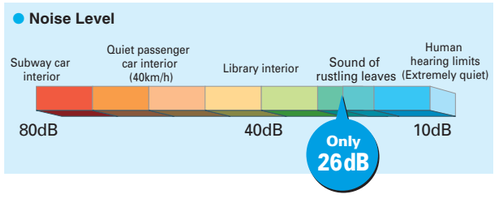
Advanced Inverter Control – Efficient Operation All the Time

DC Inverter · VA EER A · COP A

Mitsubishi Electric's cutting-edge inverter technologies are adopted to provide automatic adjustment of operation load according to need. This reduces excessive consumption of electricity, and thereby realises an "Energy Rank A" rating.

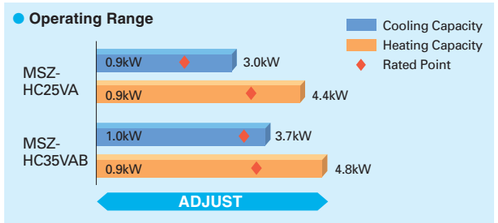
Silent Operation

Quiet, relaxing space is within reach. Operational noise is a low 26dB. Operation is so silent you might even forget the air conditioner is on.



Wide Operating Range

All units offer powerful start-up output to quickly eliminate the gap between temperature setting and actual room temperature. From cooling on the hottest summer day to heating on a cold winter night, once the desired temperature is reached, a stable and comfortable room temperature is maintained.



Compact Units

The widths of both indoor and outdoor units are compact, making installation in small, tight spaces possible.

Indoor Unit: MSZ-HC25VA/35VA(B)

Only 788mm wide

Outdoor Unit: MUZ-HC25VA/35VA(B)

Only 684mm wide

MSZ-H SERIES

DC Inverter · Joint Lap · 35 Rare Earth Magnet · DC Fan Motor · Grooved Piping · VA EER A · COP A

Indoor Unit

MSZ-HC25/35VA(B)

Outdoor Unit

MUZ-HC25/35VA(B)

Remote Controller

Econo Cool · Pure White · AUTO VANE · Catechin (Optional) · SWING · AUTO · Auto Restart · Cleaning-free pipe route · Flare connection · Self Diagnosis · Failure Recall

Type				Inverter Heat Pump		
Indoor Unit				MSZ-HC25VA	MSZ-HC35VA	MSZ-HC35VAB
Outdoor Unit				MUZ-HC25VA	MUZ-HC35VA	MUZ-HC35VAB
Power Supply	**Source**			Outdoor power supply		
	Outdoor (V/Phase/Hz)			230 / Single / 50		
Cooling	**Capacity**	Rated	kW	2.5	3.15	3.4
		Min - Max	kW	0.9 - 3.0	1.0 - 3.7	1.0 - 3.7
	Total Input	Rated	kW	0.770	0.980	1.130
	EER			3.25	3.21	3.01
		EEL Rank		A	A	B
	SPL	Indoor Unit [Lo-Mid-Hi-SHi*]	dB(A)	26 - 32 - 38 - 43	26 - 32 - 38 - 43	26 - 32 - 38 - 43
		Outdoor Unit [Rated]	dB(A)	46	47	47
	Air Volume	Indoor Unit [Lo-Mid-Hi-SHi*]	m^3/min	5.3 - 7.0 - 8.7 - 10.5	5.2 - 6.8 - 8.4 - 10.2	5.2 - 6.8 - 8.4 - 10.2
		Outdoor Unit [Rated]	m^3/min	30.2	30.0	30.0
Heating	**Capacity**	Rated	kW	3.2	3.6	3.6
		Min - Max	kW	0.9 - 4.4	0.9 - 4.8	0.9 - 4.8
	Total Input	Rated	kW	0.880	0.995	0.995
	COP			3.64	3.62	3.62
		EEL Rank		A	A	A
	SPL	Indoor Unit [Lo-Mid-Hi-SHi*]	dB(A)	26 - 32 - 38 - 43	26 - 32 - 38 - 43	26 - 32 - 38 - 43
		Outdoor Unit [Rated]	dB(A)	47	48	48
	Air Volume	Indoor Unit [Lo-Mid-Hi-SHi*]	m^3/min	5.1 - 6.5 - 7.8 - 9.1	4.9 - 6.7 - 8.0 - 9.2	4.9 - 6.7 - 8.0 - 9.2
		Outdoor Unit [Rated]	m^3/min	29.8	29.6	29.6
Operating Current (max)				5.5	6.5	6.5
Indoor Unit	**Input**	Rated	kW	0.040	0.023	0.023
	Operating Current (max)		A	0.3	0.3	0.3
	Dimensions	H x W x D	mm	295 - 788 - 225	295 - 788 - 225	295 - 788 - 225
	Weight		kg	9	9	9
	Breaker Size		A	-	-	-
Outdoor Unit	**Dimensions**	H x W x D	mm	540 - 684 - 255	540 - 684 - 255	540 - 684 - 255
	Weight		kg	25	25	25
	Operating Current (max)		A	5.2	6.2	6.2
	Breaker Size		A	10	10	10
Ext. Piping	**Diameter**	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
	Max. Length	Out-In	m	10	10	10
	Max. Height	Out-In	m	5	5	5
Guaranteed Operating Range [Outdoor]		Cooling	℃	+18 ~ +43	+18 ~ +43	+18 ~ +43
		Heating	℃	-10 ~ +24	-10 ~ +24	-10 ~ +24

* SHi → Super High

MSH-G SERIES

20 - 35 EER A | 20 - 35 COP A

Indoor Unit

MSC-GE20/25/35VB

MSH-GE50VB
MSH-GA60VB
MSH-GD80VB

Outdoor Unit

MUH-GA20/25/35VB
MUH-GE50VB

MUH-GE60VB
MUH-GD80VB

Econo Cool | Self Clean | AUTO VANE | Air Cleaning (Optional) | Catechin | SWING | SWING (50 - 80) | AUTO | WIDE LOUVER (50 - 80) | Auto Restart | Flare connection | Self Diagnosis

Type				Fixed - Speed					
Indoor Unit				MSC-GE20VB	MSC-GE25VB	MSC-GE35VB	MSH-GE50VB	MSH-GA60VB	MSH-GD80VB
Outdoor Unit				MUH-GA20VB	MUH-GA25VB	MUH-GA35VB	MUH-GE50VB	MUH-GA60VB	MUH-GD80VB
Power Supply	**Source**			Indoor / outdoor separate power supply					
	Outdoor (V/Phase/Hz)			230 / Single / 50					
	Indoor (V/Phase/Hz)			230 / Single / 50					
Cooling	**Capacity**	Rated	kW	2.3	2.65	3.5	5.0	6.3	8.0
		Min - Max	kW	–	–	–	–	–	–
	Total Input	Rated	kW	0.715	0.820	1.090	1.780	2.410	3.320
	EER			3.22	3.23	3.21	2.81	2.61	2.41
		EEL Rank		A	A	A	C	D	E
	SPL	Indoor Unit [Lo-Mid-Hi]	dB(A)	25 - 31 - 36	25 - 31 - 36	26 - 33 - 40	34 - 38 - 42	37 - 41 - 45	37 - 42 - 47
		Outdoor Unit [Rated]	dB(A)	47	49	49	52	53	55
	Air Volume	Indoor Unit [Lo-Mid-Hi]	m^3/min	4.6 - 6.2 - 7.9	5.1 - 6.4 - 7.9	5.4 - 7.4 - 9.7	8.6 - 10.7 - 12.8	9.6 - 11.2 - 12.8	11.4 - 13.7 - 15.9
		Outdoor Unit [Rated]	m^3/min	30.0	31.7	31.7	31.7	46.0	49.0
Heating	**Capacity**	Rated	kW	2.5	3.0	3.7	5.2	7.2	9.4
		Min - Max	kW	–	–	–	–	–	–
	Total Input	Rated	kW	0.690	0.820	1.020	1.610	2.480	3.580
	COP			3.62	3.66	3.63	3.23	2.90	2.63
		EEL Rank		A	A	A	C	D	E
	SPL	Indoor Unit [Lo-Mid-Hi]	dB(A)	25 - 31 - 36	25 - 32 - 39	26 - 33 - 39	34 - 38 - 42	34 - 40 - 45	37 - 42 - 47
		Outdoor Unit [Rated]	dB(A)	47	49	49	52	53	55
	Air Volume	Indoor Unit [Lo-Mid-Hi]	m^3/min	5.7 - 7.0 - 8.5	5.7 - 7.6 - 9.8	6.6 - 8.3 - 10.1	8.6 - 10.7 - 12.8	8.6 - 10.7 - 12.8	12.1 - 13.9 - 15.9
		Outdoor Unit [Rated]	m^3/min	30.0	31.7	31.7	31.7	46.0	49.0
Operating Current (max)				5.7	5.8	7.7	11.5	15.5	20.5
Indoor Unit	**Input**	Rated	kW	0.035	0.035	0.040	0.060	0.060	0.069
	Operating Current (max)		A	0.5	0.5	0.5	0.5	0.5	0.5
	Dimensions	H x W x D	mm	278 - 815 - 244	278 - 815 - 244	278 - 815 - 244	325 - 1100 - 258	325 - 1100 - 258	325 - 1100 - 258
	Weight		kg	9	9	10	16	16	16
	Breaker Size		A	10	10	10	10	10	10
Outdoor Unit	**Dimensions**	H x W x D	mm	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	850 - 840 - 330	850 - 840 - 330
	Weight		kg	29	34	39	40	74	77
	Operating Current (max)		A	5.2	5.3	7.2	11.0	15.0	20.0
	Breaker Size		A	10	10	10	15	25	25
Ext. Piping	**Diameter**	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88
	Max. Length	Out-In	m	20	20	25	25	25	30
	Max. Height	Out-In	m	10	10	10	10	10	15
Guaranteed Operating Range [Outdoor]		Cooling	℃	+21 ~ +43	+21 ~ +43	+21 ~ +43	+21 ~ +43	+21 ~ +43	+21 ~ +43
		Heating	℃	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24

MS-G SERIES

20 / 25 EER A

Indoor Unit

MSC-GE20/25/35VB

MS-GE50VB
MS-GA60VB
MS-GD80VB

Outdoor Unit

MU-GA20/25/35VB
MU-GE50VB

MU-GA60VB
MU-GD80VB

Econo Cool | Self Clean | AUTO VANE | Air Cleaning (Optional) | Catechin | SWING | SWING (50 - 80) | AUTO | WIDE LOUVER (50 - 80) | Auto Restart | Flare connection | Self Diagnosis

Type				Fixed - Speed					
Indoor Unit				MSC-GE20VB	MSC-GE25VB	MSC-GE35VB	MS-GE50VB	MS-GA60VB	MS-GD80VB
Outdoor Unit				MU-GA20VB	MU-GA25VB	MU-GA35VB	MU-GE50VB	MU-GA60VB	MU-GD80VB
Power Supply	**Source**			Indoor / outdoor separate power supply					
	Outdoor (V/Phase/Hz)			230 / Single / 50					
	Indoor (V/Phase/Hz)			230 / Single / 50					
Cooling	**Capacity**	Rated	kW	2.3	2.5	3.45	5.0	6.5	8.0
		Min - Max	kW	–	–	–	–	–	–
	Total Input	Rated	kW	0.715	0.775	1.120	1.810	2.480	3.320
	EER			3.22	3.23	3.08	2.76	2.62	2.41
		EEL Rank		A	A	B	D	D	E
	SPL	Indoor Unit [Lo-Mid-Hi]	dB(A)	25 - 31 - 36	25 - 31 - 36	26 - 33 - 40	34 - 38 - 42	37 - 41 - 45	37 - 42 - 47
		Outdoor Unit [Rated]	dB(A)	45	45	49	52	53	55
	Air Volume	Indoor Unit [Lo-Mid-Hi]	m^3/min	4.6 - 6.2 - 7.9	5.1 - 6.4 - 7.9	5.4 - 7.4 - 9.7	8.6 - 10.7 - 12.8	9.6 - 11.2 - 12.8	11.4 - 13.7 - 15.9
		Outdoor Unit [Rated]	m^3/min	30.0	30.0	31.7	31.7	38.7	49.0
Heating	**Capacity**	Rated	kW	–	–	–	–	–	–
		Min - Max	kW	–	–	–	–	–	–
	Total Input	Rated	kW	–	–	–	–	–	–
	COP			–	–	–	–	–	–
		EEL Rank		–	–	–	–	–	–
	SPL	Indoor Unit	dB(A)	–	–	–	–	–	–
		Outdoor Unit	dB(A)	–	–	–	–	–	–
	Air Volume	Indoor Unit	m^3/min	–	–	–	–	–	–
		Outdoor Unit	m^3/min	–	–	–	–	–	–
Operating Current (max)				5.7	5.6	8.3	12.0	16.0	20.5
Indoor Unit	**Input**	Rated	kW	0.035	0.035	0.040	0.060	0.060	0.069
	Operating Current (max)		A	0.5	0.5	0.5	0.5	0.5	0.5
	Dimensions	H x W x D	mm	278 - 815 - 244	278 - 815 - 244	278 - 815 - 244	325 - 1100 - 258	325 - 1100 - 258	325 - 1100 - 258
	Weight		kg	9	9	10	16	16	16
	Breaker Size		A	10	10	10	10	10	10
Outdoor Unit	**Dimensions**	H x W x D	mm	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	605 - 850 - 290	850 - 840 - 330
	Weight		kg	27	27	34	38	60	75
	Operating Current (max)		A	5.2	5.1	7.8	11.5	15.5	20.0
	Breaker Size		A	10	10	10	15	25	25
Ext. Piping	**Diameter**	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88
	Max. Length	Out-In	m	20	20	25	25	25	30
	Max. Height	Out-In	m	10	10	10	10	10	15
Guaranteed Operating Range [Outdoor]		Cooling	℃	+21 ~ +43	+21 ~ +43	+21 ~ +43	+21 ~ +43	+21 ~ +43	+21 ~ +43

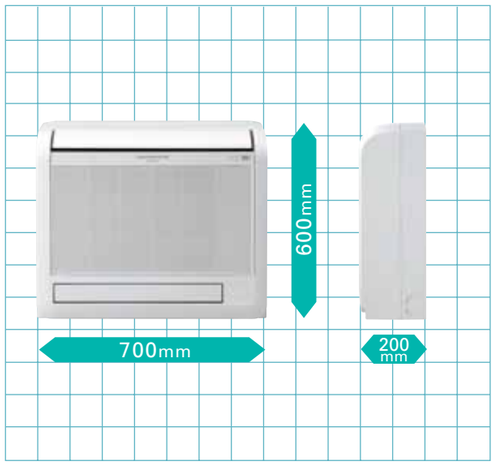
MFZ SERIES

A unique innovation in air conditioning that fits perfectly into any room in the home.
A sophisticated ergonomic design combined with powerful yet comfortable performance and silent operation.

MFZ-KA25/35/50VA

Slim and Trim Body

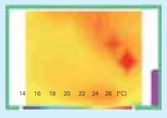
The body of the MFZ is slim and trim, making it ideal for use in virtually any room. The front panel is removable and made of washable material, making maintenance and cleaning easier than ever. Periodic maintenance helps to keep the unit clean and beautiful, as well as ensure maximum energy savings.



Optimum Air Distribution

A powerful blower provides optimum distribution of air from the upper and lower air outlets. The result is a comfortable environment with an even temperature throughout the room. There are five settings for the upper vane and four speed settings for the fan, all of which can be set using the remote controller.

The air from the upper and lower outlets is carefully controlled and distributed evenly to all corners of the room. In heating mode, more warm air is directed towards the floor level for greater overall comfort.



Advanced Inverter Control – Efficient Operation All the Time

DC Inverter | 25/35 EER A | 25/35 COP A

Mitsubishi Electric's cutting-edge inverter technologies are adopted to provide automatic adjustment of operation load according to need. This reduces excessive consumption of electricity, and thereby realises increased energy savings.

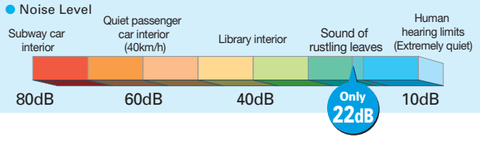
Quiet Operation

Mitsubishi Electric air conditioners are renowned as some of the quietest models available. The floor-standing units are no exception. Quiet 22dB operation* creates a silent, comfortable space where people don't even notice that the air conditioner is running.

Only 22dB*

*2.5kW class

● Noise Level



Trouble-Free Installation and Maintenance

Using the original installation plate that comes as standard equipment, installation of the unit is a snap. Levelling adjusters are provided, preventing damage to the wall. Generous pipe length (20–30 metres) is provided, so there is no need to worry about distance to the outdoor unit. All units are equipped with an automatic self-diagnostics function as well. Simply access the trouble log recall mode for instant troubleshooting.

● Installation Plate

MFZ-KA SERIES

DC Inverter | Joint Lap | DC Fan Motor | Rare Earth Magnet | PAM | Grooved Piping | 25/35 EER A | 25/35 COP A

Indoor Unit

MFZ-KA25/35/50VA

Outdoor Unit

SUZ-KA25/35VA(H)

SUZ-KA50VA

Remote Controller

Econo Cool | Pure White | AUTO VANE | Anti-allergy Enzyme | Catechin | SWING | AUTO | i save | ACO | Auto Restart | Low Temp Cooling | Optional | Centralised On/Off | Optional | Group Control | Optional | M-NET connection | Optional | MXZ connection | Cleaning-free pipe route | Flare connection | Self Diagnosis | Failure Recall

Type				Inverter Heat Pump				
Indoor Unit				MFZ-KA25VA	MFZ-KA25VA	MFZ-KA35VA	MFZ-KA35VA	MFZ-KA50VA
Outdoor Unit				SUZ-KA25VA	SUZ-KA25VAH	SUZ-KA35VA	SUZ-KA35VAH	SUZ-KA50VA
Power Supply	Source			Outdoor power supply				
	Outdoor (V/Phase/Hz)			230 / Single / 50				
Cooling	Capacity	Rated	kW	2.5	2.5	3.5	3.5	4.8
		Min - Max	kW	0.9 - 3.4	0.9 - 3.4	0.9 - 3.9	0.9 - 3.9	0.9 - 5.4
	Total Input	Rated	kW	0.58	0.58	1.09	1.09	1.55
	EER			4.31	4.31	3.21	3.21	3.10
		EEL Rank		A	A	A	A	B
	SPL	Indoor Unit [Lo-Mid-Hi-SHi*]	dB(A)	22 - 27 - 32 - 37	22 - 27 - 32 - 37	23 - 28 - 33 - 38	23 - 28 - 33 - 38	32 - 35 - 39 - 43
		Outdoor Unit [Rated]	dB(A)	46	46	47	47	53
	Air Volume	Indoor Unit [Lo-Mid-Hi-SHi*]	m^3/min	4.8 - 5.8 - 7.1 - 8.7	4.8 - 5.8 - 7.1 - 8.7	5.0 - 6.1 - 7.4 - 9.1	5.0 - 6.1 - 7.4 - 9.1	7.1 - 7.9 - 9.2 - 10.7
		Outdoor Unit [Rated]	m^3/min	34.3	34.3	33.4	33.4	49.0
Heating	Capacity	Rated	kW	3.4	3.4	4.0	4.0	6.0
		Min - Max	kW	0.9 - 5.1	0.9 - 5.1	0.9 - 6.2	0.9 - 6.2	0.9 - 7.9
	Total Input	Rated	kW	0.835	0.835	1.100	1.100	1.860
	COP			4.07	4.07	3.64	3.64	3.23
		EEL Rank		A	A	A	A	C
	SPL	Indoor Unit [Lo-Mid-Hi-SHi*]	dB(A)	22 - 27 - 32 - 37	22 - 27 - 32 - 37	25 - 28 - 33 - 38	25 - 28 - 33 - 38	32 - 35 - 39 - 44
		Outdoor Unit [Rated]	dB(A)	46	46	48	48	55
	Air Volume	Indoor Unit [Lo-Mid-Hi-SHi*]	m^3/min	5.0 - 6.2 - 7.6 - 9.1	5.0 - 6.2 - 7.6 - 9.1	5.2 - 6.2 - 7.8 - 9.5	5.2 - 6.2 - 7.8 - 9.5	7.4 - 8.8 - 9.8 - 11.8
		Outdoor Unit [Rated]	m^3/min	32.3	32.3	33.4	33.4	49.0
Operating Current (max)				8.8	8.8	9.7	9.7	17.0
Indoor Unit	Input	Rated	kW	0.025	0.025	0.025	0.025	0.025
	Operating Current (max)		A	0.2	0.2	0.2	0.2	0.2
	Dimensions	H x W x D	mm	600 - 700 - 200	600 - 700 - 200	600 - 700 - 200	600 - 700 - 200	600 - 700 - 200
	Weight		kg	14	14	14	14	14
	Breaker Size		A	-	-	-	-	-
Outdoor Unit	Dimensions	H x W x D	mm	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	850 - 800 - 330
	Weight		kg	33	33	37	37	53
	Operating Current (max)		A	8.6	8.6	9.5	9.5	16.8
	Breaker Size		A	10	10	10	10	20
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
	Max. Length	Out-In	m	20	20	20	20	30
	Max. Height	Out-In	m	12	12	12	12	15
Guaranteed Operating Range [Outdoor]		Cooling	℃	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +43
		Heating	℃	-10 ~ +24	-20 ~ +24	-10 ~ +24	-20 ~ +24	-10 ~ +24

* SHi → Super High

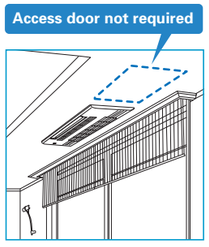
MLZ SERIES

Introducing a new type of ceiling cassette for the Multi-Split Series with streamed interior dimensions and a sharp, sleek appearance.

MLZ-KA25/35/50VA

Ceiling Mounted

Installing the ceiling-mounted MLZ Series unit in a room creates a more spacious feel that enhances room comfort. This overhead format is also an excellent solution when lighting equipment is installed at the centre of the room and fixtures such as book shelves are mounted on wall surfaces.



Slim Body

The new units are designed with a slim body (only 175mm high), ensuring easy installation even when low ceiling cavities limit installation space. The need for ceiling cavity service space is also eliminated, further reducing the dimensions required for installation.

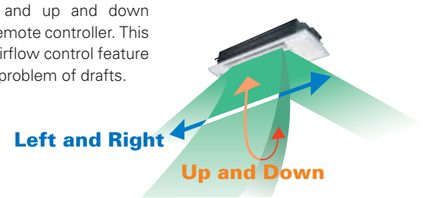
Set Airflow According to Ceiling Height

Dual-level airflow selection is engineered to accommodate specific ceiling heights. This is a key feature for adjusting airflow effectively when it is either too strong or too weak due to being mismatched with the height of the ceiling.

	25	35	50
Standard	2.4m	2.4m	2.4m
High ceiling	2.7m	2.7m	2.7m

Auto Vane Control

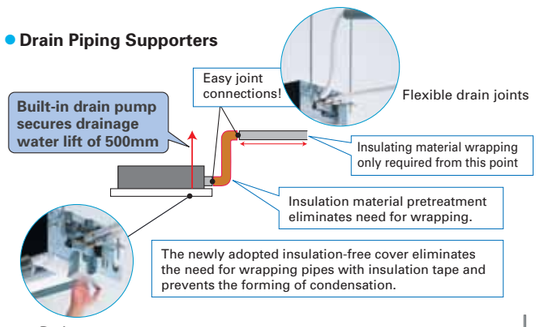
Outlet vanes can be moved left and right, and up and down using the remote controller. This improved airflow control feature solves the problem of drafts.



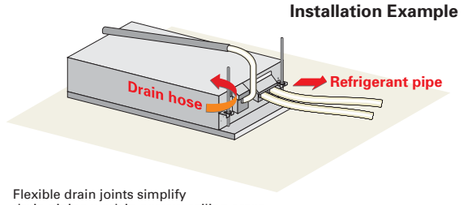
Easy Installation

A built-in drain pump (500mm lift) and flexible drain joints make attaching the drain hose in the ceiling cavity easy, resulting in simple and fast installation. Tight yet flexible fittings eliminate the need of wrapping with heat-insulation tape, and ensure that pipe and drain cover connections are free of condensation.

● Drain Piping Supporters



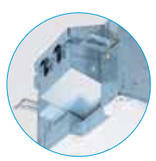
Installation Example

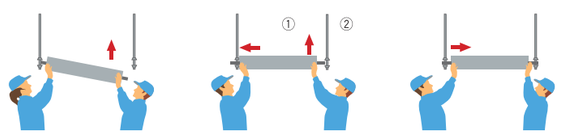


Flexible drain joints simplify drain piping work in narrow ceiling areas

● Easy Mounting Plate

Suspension work simplified with well-designed mounting plates





Secure one side

① Push the unit to the other side
② Secure the opposite side

Move unit to the centre

MLZ–KA SERIES

Indoor Unit

MLZ-KA25/35/50VA

Outdoor Unit

For MXZ Connection Only

Remote Controller

Panel

MLP-440W

Econo Cool · AUTO VANE · Anti-allergy Enzyme (Optional) · Catechin (Optional) · SWING · High Ceiling · AUTO · ACO · Auto Restart · Optional · Centralised On/Off (Optional) · Group Control (Optional) · M-NET connection (Optional) · MXZ connection · Drain Lift Up · Flare connection · Self Diagnosis · Failure Recall

Type				Inverter Heat Pump		
Indoor Unit				MLZ-KA25VA	MLZ-KA35VA	MLZ-KA50VA
Outdoor Unit				N / A*	N / A*	N / A*
Power Supply	Source			Outdoor power supply		
	Outdoor (V/Phase/Hz)			230 / Single / 50		
Cooling	Capacity	Rated	kW	-	-	-
		Min - Max	kW	-	-	-
	Total Input	Rated	kW	-	-	-
	EER			-	-	-
		EEL Rank		-	-	-
	SPL	Indoor Unit [Lo-Mid-Hi]	dB(A)	29 - 32 - 35	31 - 34 - 37	34 - 38 - 43
		Outdoor Unit [Rated]	dB(A)	-	-	-
	Air Volume	Indoor Unit [Lo-Mid-Hi]	m^3/min	7.2 - 8.0 - 8.8	7.3 - 8.4 - 9.4	8.3 - 9.8 - 11.4
		Outdoor Unit [Rated]	m^3/min	-	-	-
Heating	Capacity	Rated	kW	-	-	-
		Min - Max	kW	-	-	-
	Total Input	Rated	kW	-	-	-
	COP			-	-	-
		EEL Rank		-	-	-
	SPL	Indoor Unit [Lo-Mid-Hi]	dB(A)	28 - 32 - 36	31 - 35 - 38	34 - 39 - 43
		Outdoor Unit [Rated]	dB(A)	-	-	-
	Air Volume	Indoor Unit [Lo-Mid-Hi]	m^3/min	7.0 - 8.2 - 9.2	7.7 - 8.8 - 9.9	8.8 - 10.3 - 11.8
		Outdoor Unit [Rated]	m^3/min	-	-	-
Operating Current (max)				-	-	-
Indoor Unit	Input	Rated	kW	0.040	0.040	0.040
	Operating Current (max)		A	0.4	0.4	0.4
	Dimensions	H x W x D	mm	175 - 1102 - 360	175 - 1102 - 360	175 - 1102 - 360
	Weight		kg	15	15	15
	Breaker Size		A	-	-	-
Panel	Dimensions	H x W x D	mm	34 - 1200 - 414	34 - 1200 - 414	34 - 1200 - 414
	Weight		kg	3.5	3.5	3.5
Outdoor Unit	Dimensions	H x W x D	mm	-	-	-
	Weight		kg	-	-	-
	Operating Current (max)		A	-	-	-
	Breaker Size		A	-	-	-
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
	Max. Length	Out-In	m	-	-	-
	Max. Height	Out-In	m	-	-	-
Guaranteed Operating Range [Outdoor]		Cooling	℃	-	-	-
		Heating	℃	-	-	-

* MLZ is for MXZ connection only.

S

SERIES

SELECTION

Series line-up consists of two types of indoor units.
Choose the model that best matches room conditions.

STEP 1 SELECT INDOOR UNIT

Select the optimal unit and capacity required to match room construction and air conditioning requirements.

Units with Wired Remote Controller

SLZ-KA25VA
SLZ-KA35VA
SLZ-KA50VA

*Requires SLP-2AAW grille.

Units with Wireless Remote Controller

SLZ-KA25VAL
SLZ-KA35VAL
SLZ-KA50VAL

*Requires SLP-2ALW grille.

Units with Wired Remote Controller

SEZ-KD25VA
SEZ-KD35VA
SEZ-KD50VA
SEZ-KD60VA
SEZ-KD71VA

Units with Wireless Remote Controller

SEZ-KD25VAL
SEZ-KD35VAL
SEZ-KD50VAL
SEZ-KD60VAL
SEZ-KD71VAL

STEP 2 SELECT OUTDOOR UNIT

There is one outdoor unit for respective indoor units.

SUZ-KA25/35VA

SUZ-KA50/60/71VA

✻ To confirm compatibility with the MXZ Series multi-type system, refer to the MXZ Series page.

SLZ SERIES

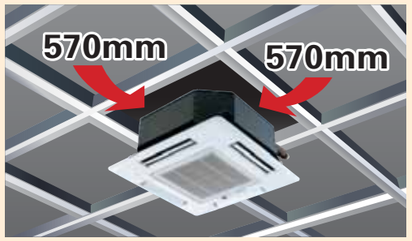
SLZ-KA25/35/50VA(L)

Compact, lightweight ceiling cassette units with 4-way air outlets provide maximum comfort by evenly distributing airflow throughout the entire room.

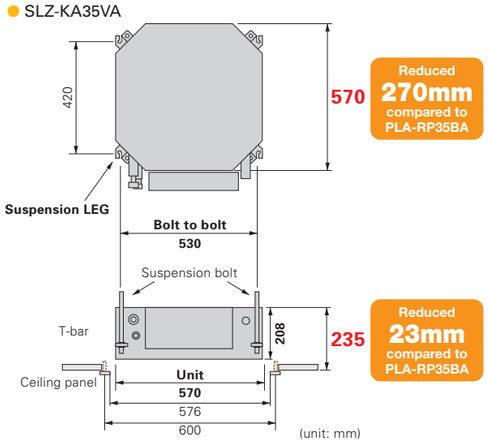
Compact Panel Size

The attractive SLZ Series ceiling cassette units offer a slim 570mm width and a 4-way air outlet. The size and shape are a perfect match for ceilings made using 2'x2' construction, and the light 16.5kg package makes installation easy.

The compact body matches 2'x2' (600mm x 600mm) ceiling construction specifications.



● SLZ-KA35VA



✻Access door is required

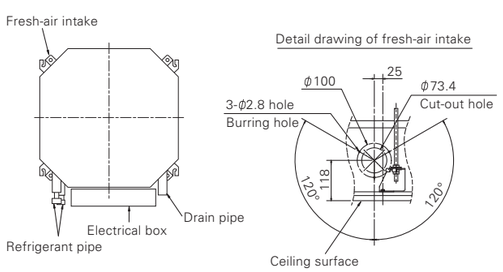
Advanced Inverter Control – Efficient Operation All the Time

DC Inverter 25/35 EER A 25/35 COP A

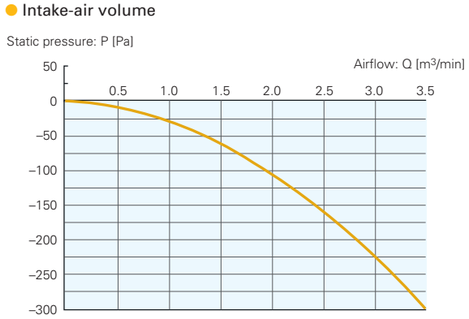
Mitsubishi Electric's cutting-edge inverter technologies are adopted to provide automatic adjustment of operation load according to need. This reduces excessive consumption of electricity, and thereby realises increased energy savings.

Fresh-air Intake

A duct hole is provided in the main body, making it possible to intake fresh air from outside.



● Intake-air volume



Note: Intake-air volume should be 20% or less of overall air volume in order to prevent condensation.

SLZ-KA SERIES

DC Inverter · Joint Lap · Rare Earth Magnet · DC Fan Motor · PAM · Grooved Piping · 25/35 EER A · 25/35 COP A

Indoor Unit

SLZ-KA25/35/50VA(L)

Outdoor Unit

SUZ-KA25/35VA

SUZ-KA50VA

Remote Controller

Panel

SLP-2AAW (for SLZ-KA VA)
SLP-2ALW (for SLZ-KA VAL)

Pure White · AUTO VANE · Fresh-air Intake · Long Life · VA Check! · SWING · ACO · Auto Restart · Low Temp Cooling · VA · Centralised On/Off (Optional) · Group Control (Optional) · M-NET connection (Optional) · MXZ connection · Drain Lift Up · Flare connection · Self Diagnosis · Failure Recall

Type					Inverter Heat Pump					
Indoor Unit					SLZ-KA25VA	SLZ-KA25VAL	SLZ-KA35VA	SLZ-KA35VAL	SLZ-KA50VA	SLZ-KA50VAL
Outdoor Unit					SUZ-KA25VA		SUZ-KA35VA		SUZ-KA50VA	
Power Supply	Source				Outdoor power supply					
	Outdoor (V/Phase/Hz)				230 / Single / 50					
Cooling	Capacity	Rated		kW	2.5	2.5	3.5	3.5	4.6	4.6
		Min - Max		kW	0.9 - 3.2	0.9 - 3.2	1.0 - 3.9	1.0 - 3.9	1.1 - 5.2	1.1 - 5.2
	Total Input	Rated		kW	0.690	0.690	1.060	1.060	1.630	1.630
	EER				3.62	3.62	3.30	3.30	2.82	2.82
		EEL Rank			A	A	A	A	C	C
Heating	Capacity	Rated		kW	3.0	3.0	4.0	4.0	5.0	5.0
		Min - Max		kW	0.9 - 4.5	0.9 - 4.5	0.9 - 5.0	0.9 - 5.0	0.9 - 6.5	0.9 - 6.5
	Total Input	Rated		kW	0.830	0.830	1.100	1.100	1.550	1.550
	COP				3.61	3.61	3.64	3.64	3.22	3.22
		EEL Rank			A	A	A	A	C	C
Operating Current (max)					8.5	8.5	9.6	9.6	16.7	16.7
Indoor Unit	Input	Rated		kW	0.040	0.040	0.052	0.052	0.053	0.053
	Operating Current (max)			A	0.4	0.4	0.4	0.4	0.7	0.7
	Dimensions	H x W x D		mm	235 - 570 - 570	235 - 570 - 570	235 - 570 - 570	235 - 570 - 570	235 - 570 - 570	235 - 570 - 570
	Weight			kg	17	17	17	17	17	17
	Air Volume [Lo-Mid-Hi]			m^3/min	8 - 9 - 10	8 - 9 - 10	8 - 9 - 11	8 - 9 - 11	8 - 9 - 11	8 - 9 - 11
	External Static Pressure			Pa	-	-	-	-	-	-
	Sound Level [Lo-Mid-Hi]			dB(A)	28 - 31 - 37	28 - 31 - 37	29 - 33 - 38	29 - 33 - 38	30 - 34 - 39	30 - 34 - 39
Panel	Dimensions	H x W x D		mm	20 - 650 - 650	20 - 650 - 650	20 - 650 - 650	20 - 650 - 650	20 - 650 - 650	20 - 650 - 650
	Weight			kg	3	3	3	3	3	3
Outdoor Unit	Dimensions	H x W x D		mm	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	850 - 840 - 330	850 - 840 - 330
	Weight			kg	33	33	37	37	53	53
	Air Volume	Cooling	Rated	m^3/min	34.3	34.3	33.4	33.4	49.0	49.0
		Heating	Rated	m^3/min	32.3	32.3	33.4	33.4	49.0	49.0
	Sound Level	Cooling - Silent	Rated	dB(A)	46	46	47	47	53	53
		Heating	Rated	dB(A)	46	46	48	48	55	55
	Operating Current (max)			A	8.16	8.16	9.18	9.18	16.0	16.0
	Breaker Size			A	10	10	10	10	20	20
Ext. Piping	Diameter	Liquid / Gas		mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 12.7
	Max. Length	Out-In		m	20	20	20	20	30	30
	Max. Height	Out-In		m	12	12	12	12	30	30
Guaranteed Operating Range [Outdoor]		Cooling		℃	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	- 15 ~ +43	- 15 ~ +43
		Heating		℃	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	- 10 ~ +24	- 10 ~ +24

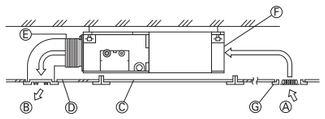
SEZ SERIES

SEZ-KD25-71VA(L)

This concealed ceiling-mounted indoor unit series is compact, and fits easily into rooms with lowered ceilings. Highly reliable energy-saving performance makes it a best match choice for concealed unit installations.

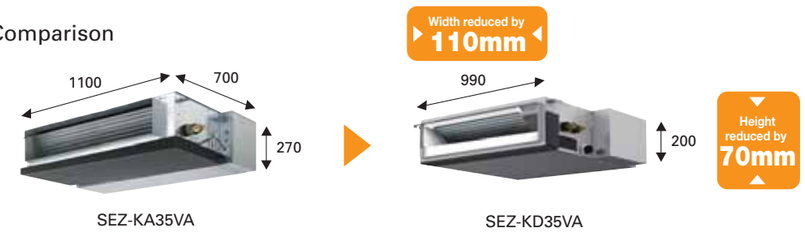
Compact Ceiling-concealed Units

Only the intake-air grille and outlet vents are visible when using this ceiling-concealed indoor unit. The rest of the unit is conveniently hidden in the ceiling cavity, essentially leaving the ceiling and walls free of bulky looking devices and maintaining a high-class interior décor. The compact units require minimal space and can be installed in buildings with lowered ceilings, where exposed units were the rule in the past.



Ⓐ Air inlet
Ⓑ Air outlet
Ⓒ Access door
Ⓓ Ceiling surface
Ⓔ Canvas duct
Ⓕ Air filter
Ⓖ Inlet grille

Dimension Comparison



"Energy Rank A" Rating

DC Inverter 25/35 EER A 25/35 COP A

Incorporating the latest inverter technologies has resulted in the SEZ Series achieving an "Energy Rank A" rating for both the 25 and 35 models.

Increased Selection of Fan Speeds and Static Pressure Levels

DC fan motor settings have been increased to accommodate more application needs. Three fan speed settings (Low, Medium and High) and four static pressure levels (5, 15, 35 and 50Pa) are now available.

	External Static Pressure
SEZ-KC25VA	5 Pa
SEZ-KA35-71VA	30/50 Pa
SEZ-KD25-71VA	5/15/35/50 Pa

Four Levels Available for All Models

We've lowered the minimum static pressure level, resulting in less room noise when the optimum static pressure is selected.

	SPL (Low Fan Mode)	
	SEZ-KA	SEZ-KD
External Static Pressure	30 Pa	15 Pa
35	30dB	23dB
50	31dB	30dB
60	32dB	30dB
71	32dB	30dB

Maximum noise reduced by 7dB

Drain Pump (Optional)

The PAC-KE07DM-E drain pump is now available as an option. With the pump, a drain hose length of up to 550mm can be used, adding to increased installation possibilities.

SEZ-KD SERIES

DC Inverter · Joint Lap · 71 DC Rotary · Rare Earth Magnet · DC Fan Motor · PAM · Grooved Piping · 25/35 EER A · 25/35 COP A

Indoor Unit

SEZ-KD25/35/50/60/71VA(L)

Outdoor Unit

SUZ-KA25/35VA

SUZ-KA50/60/71VA

Remote Controller

AUTO · ACO · Auto Restart · Low Temp Cooling · VA · Centralised On/Off (Optional) · Group Control (Optional) · M-NET connection (Optional) · MXZ connection · Drain Lift Up (Optional) · Flare connection · Self Diagnosis · Failure Recall

Type				Inverter Heat Pump				
Indoor Unit				SEZ-KD25VA(L)	SEZ-KD35VA(L)	SEZ-KD50VA(L)	SEZ-KD60VA(L)	SEZ-KD71VA(L)
Outdoor Unit				SUZ-KA25VA	SUZ-KA35VA	SUZ-KA50VA	SUZ-KA60VA	SUZ-KA71VA
Power Supply	Source			Outdoor power supply				
	Outdoor (V/Phase/Hz)			230 / Single / 50				
Cooling	Capacity	Rated	kW	2.5	3.5	5.0	5.5	7.1
		Min - Max	kW	0.9 - 3.2	1.0 - 3.9	1.1 - 5.6	1.1 - 6.3	0.9 - 8.3
	Total Input	Rated	kW	0.780	1.090	1.780	1.890	2.530
	EER			3.21	3.21	2.81	2.91	2.81
	EEL Rank			A	A	C	C	C
Heating	Capacity	Rated	kW	3.0	4.0	6.0	7.0	8.1
		Min - Max	kW	0.9 - 4.5	0.9 - 5.0	1.1 - 7.2	0.9 - 8.0	0.9 - 10.4
	Total Input	Rated	kW	0.830	1.108	1.870	2.050	2.370
	COP			3.61	3.61	3.21	3.41	3.42
	EEL Rank			A	A	C	B	B
Operating Current (max)				8.6	9.7	16.7	16.7	16.9
Indoor Unit	Input	Rated	kW	0.040	0.050	0.070	0.070	0.100
	Operating Current (max)		A	0.4	0.5	0.7	0.7	0.9
	Dimensions	H x W x D	mm	200 - 790 - 700	200 - 990 - 700	200 - 990 - 700	200 - 1190 - 700	200 - 1190 - 700
	Weight		kg	18	21	23	27	27
	Air Volume [Lo-Mid-Hi]		m^3/min	6 - 7 - 9	7 - 9 - 11	10 - 13 - 15	12 - 15 - 18	12 - 16 - 20
	External Static Pressure		Pa	5 - 15 - 35 - 50	5 - 15 - 35 - 50	5 - 15 - 35 - 50	5 - 15 - 35 - 50	5 - 15 - 35 - 50
	Sound Level [Lo-Mid-Hi]		dB(A)	22 - 25 - 29	23 - 28 - 33	29 - 33 - 36	29 - 33 - 37	29 - 34 - 39
Outdoor Unit	Dimensions	H x W x D	A	550 - 800 - 285	550 - 800 - 285	850 - 840 - 330	850 - 840 - 330	850 - 840 - 330
	Weight		mm	33	37	53	53	58
	Air Volume	Cooling Rated	kg	34.3	33.4	49.0	49.0	49.0
		Heating Rated	m^3/min	32.3	33.4	49.0	49.0	49.0
	Sound Level	Cooling Rated	m^3/min	46	47	53	53	53
		Heating Rated	dB(A)	46	48	55	55	55
	Operating Current (max)		dB(A)	8.2	9.2	16.0	16.0	16.0
	Breaker Size		A	10	10	20	20	20
Ext. Piping	Diameter	Liquid / Gas	A	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88
	Max. Length	Out-In	mm	20	20	30	30	30
	Max. Height	Out-In	m	12	12	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling	℃	-10 ~ +46	-10 ~ +46	-15 ~ +43	-15 ~ +43	-10 ~ +43
		Heating	℃	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24

P

SERIES

SELECTION

Line-up includes a selection of eight indoor units and four series of outdoor units.
Easily construct a system that best matches room air conditioning needs.

STEP 1 SELECT INDOOR UNIT

Select the optimum indoor unit and capacity based on room size and shape.

4-way ceiling-cassette
PLA-BA

Ceiling-concealed
PEAD-JA

Floor-standing
PSA-GA

Ceiling-suspended
PCA-KA

Professional Kitchen
PCA-HA

Wall-mounted
PKA-HAL

Wall-mounted
PKA-KAL

Ceiling-concealed
PEA-GA

STEP 2 SELECT OUTDOOR UNIT

The best outdoor unit for the system depends on the combination of functions desired (e.g., energy savings, system capacity, long pipe length).
Check the specifications of the system you need, and then select the optimum outdoor unit series.

Power Inverter

PUHZ-RP100/
125/140/200/250

PUHZ-RP60/71

PUHZ-RP35/50

Standard Inverter

PUHZ-P100/
125/140/200/250

PUHZ-P100

SUZ-KA50/60/71✻

SUZ-KA35✻

✻ Some indoor units cannot be used with this unit.

Fixed-speed (Heating & Cooling)

PUH-P125/140

PUH-P71/100

Fixed-speed (Cooling Only)

PU-P125/140

PU-P71/100

✻ To confirm compatibility with the MXZ Series, refer to the MXZ Series page.

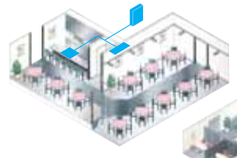
STEP 3 SELECT COMBINATION

Choose the installation pattern for the indoor units. (In the case of a multi-system, distribution piping is necessary, so please select the necessary piping as well.)

Single System

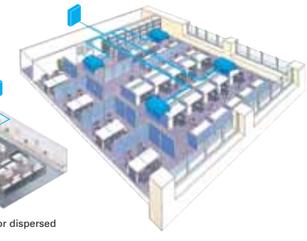
Simultaneous Multi-System

Twin Allows simultaneous operation of two indoor units on one floor.



Triple Can cover a large-scale space or dispersed installation on the same floor.

Quadruple Realises the optimum temperature distribution even in a large space.



Connectable Combinations for Inverter Units (PUHZ-RP / PUHZ-P)

Outdoor Unit Capacity	Twin 50 : 50	Triple 33 : 33 : 33	Quadruple 25 : 25 : 25 : 25
	Indoor Unit		
71	35 x 2	—	—
100	50 x 2	—	—
125	60 x 2	—	—
140	71 x 2	50 x 3	—
200	100 x 2	60 x 3	50 x 4
250	125 x 2	71 x 3	60 x 4
Distribution Pipe	MSDD-50SR-E MSDD-50WR-E	MSDT-111R-E	MSDF-1111R-E

Notes: 1) Indoor unit combinations with floor-standing (PS) units and other types are impossible.
2) The distribution pipe listed is required for simultaneous multi-systems.

Connectable Combinations for Fixed-speed Units (PU(H)-P)

Outdoor Unit Capacity	Twin 50 : 50	Triple 33 : 33 : 33
	Capacity	Combination
71	35 x 2	—
100	50 x 2	—
125	60 x 2	—
140	71 x 2	50 x 3
Distribution pipe	MSDD-50SR-E	MSDT-111R-E

Notes: 1) Indoor unit combinations with floor-standing (PS) units and other types are impossible.
2) The distribution pipe listed is required for simultaneous multi-systems.

Power Inverter SERIES

The highly energy-efficient Power Inverter Series has reached a new level of energy savings with the incorporation of new technologies and new body design. The side-flow configuration of the integrated outdoor unit body, a maximum piping length of 120m and replacement technologies simplify installation.

Advanced Energy-saving Performance

Utilizing the latest energy-saving technologies with DC inverter technology at the core, a high level of energy-saving performance is achieved. Combining the many energy-saving technologies, an "Energy Rank A" rating for both cooling and heating has been achieved.

Energy Rank (Cooling/Heating)

Series		35	50	60	71	100	125	140
4-way ceiling cassette	PLA-BA	A/A	A/A	A/A	A/A	A/A	A/A	B/A
Wall-mounted	PKA-GAL/FAL	A/B	C/C	B/B	A/B	A/B		
Ceiling-suspended	PCA-GA		B/B	A/B	A/B	A/B	A/B	B/B
	PCA-HA				A/B		A/B	
Floor-standing	PSA-GA				A/B	A/B	B/B	C/C
Ceiling-concealed	PEAD-EA	A/B	A/A	A/A	A/B	A/B	A/A	B/B

Energy Rank A/A 9 combinations (when connected 1:1)

Series		35	50	60	71	100	125	140
4-way ceiling cassette	PLA-BA	A/A	A/A	A/A	A/A	A/A	A/A	A/A
Wall-mounted	PKA-HAL/KAL	A/A	A/A	A/A	A/A	A/A		
Ceiling-suspended	PCA-KA		A/A	A/A	A/A	A/A	A/A	A/A
	PCA-HA				A/B		A/B	
Floor-standing	PSA-GA				A/B	A/B	B/B	C/C
Ceiling-concealed	PEAD-JA	A/A	A/A	A/A	A/A	A/A	A/A	A/A

Energy Rank A/A 25 combinations (when connected 1:1) **3-fold increase**

ADVANCED ENERGY-SAVING TECHNOLOGIES

Highly efficient fan and grille for outdoor unit

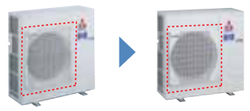
The shapes of the fan and grille of the outdoor unit were redesigned, realising an increase in blowing capacity and more efficient heat exchange while maintaining the same operating noise level.

Outdoor unit fan opening increased <RP100–250>

The diameter of the opening for the fan in the outdoor unit has been increased from 490 to 550mm. Blowing capacity has been increased while maintaining the same fan rotation speed.

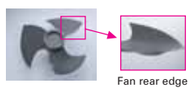
Grille shape changed <RP60–250>

The shape of the air outlet grille has been changed to reduce pressure loss. This has helped improve heat exchange performance.



Inflexed fan <RP100–250>

Adoption of a fan with improved ventilation characteristics and a newly designed rear edge that suppresses wind turbulence raises fan operation efficiency.

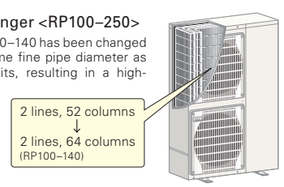


Highly efficient heat exchanger

A high density and increase in surface area have improved the heat-exchange efficiency of the heat exchanger.

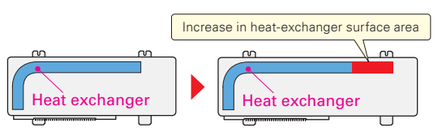
High-density heat exchanger <RP100–250>

The pipe diameter for the RP100–140 has been changed from 9.52 to 7.94mm, the same fine pipe diameter as that used for RP200–250 units, resulting in a high-density heat exchanger.

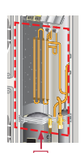


Heat-exchange surface area increased <RP100–250>

Heat exchanger size extended horizontally, increasing the surface area.

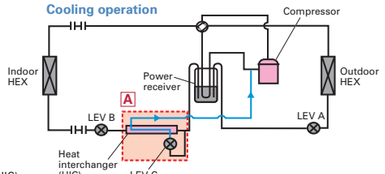


Heat Interchanger (HIC) Added <RP140>

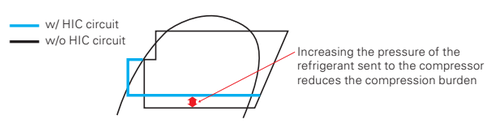


Heat Interchanger (HIC)

Cooling operation



An HIC circuit has been added to improve energy efficiency during cooling operation. Liquid refrigerant is rerouted, transformed into a gas state and injected back into the system to increase overall pressure of the refrigerant being sent to the compressor, thereby reducing the load on the compressor and raising efficiency.



Side-flow Outdoor Units

All operating capacities have been unified to the side-flow configuration. Even for locations requiring large capacities, the small footprint of these outdoor units enable them to be used anywhere.

PUHZ-RP35/50 PUHZ-RP60/71 PUHZ-RP100/125/140/200/250

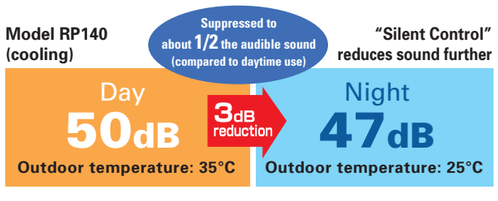
Silent Control

Fan speed during cooling operation is automatically reduced when the outdoor temperature drops, resulting in quiet, low-noise operation. Operating noise is reduced by 3dB, to half of the audible sound.

Model RP140 (cooling)

Suppressed to about 1/2 the audible sound (compared to daytime use)

"Silent Control" reduces sound further



3-phase Power-supply Inverter (RP100–250YHA)

Incorporation of a 3-phase power supply realizes a dramatic reduction in operating current. This special technology is equipped in outdoor units to ensure compliance with electromagnetic compatibility regulations in Europe.

Operating current comparison (for combinations using 4-way ceiling cassettes)

Power Supply		10kW	12.5kW	14.0kW
3-phase	Rated (cooling)	4.5	6.5	7.7
	Rated (heating)	4.6	6.3	7.6
	Max.	9.0	10.5	12.1
	Breaker size	16	16	16
1-phase	Rated (cooling)	11.0	16.6	19.7
	Rated (heating)	11.2	15.9	19.5
	Max.	27.5	27.5	29.1
	Breaker size	32	32	40

Long Pipe Length

The additional refrigerant volume enables piping lengths of up to 120m (RP200/250), thereby making installation easier.

Model	Max. Pipe Length	Max. Height Difference
PUHZ-RP35/50	50m	30m
PUHZ-RP60/71	50m	30m
PUHZ-RP100/125/140	75m	30m
PUHZ-RP200/250	120m	30m

When pipe length exceeds 80m, separate power sources are required for the indoor and outdoor units. (An optional power-supply terminal kit is needed for indoor units with no power supply terminal block.)

Cleaning-free Pipe Reuse Technology

Ability to use existing piping reduces pipe waste and replacement time

No Need to Clean at the Time of System Renewal

Chloride residue builds up in existing pipes and becomes a source of trouble. The incorporation of various original Mitsubishi Electric technologies has resulted in the introduction of "cleaning-free pipe reuse."

Why can't existing piping be used?

R22 refrigerant leaves a chloride residue that builds up in existing piping.
If left as is, the refrigerant oil will deteriorate.

■ **At Time of Renewal**

Problem 1	Problem 2	Result
Former refrigerant R22	High operating temperature	New refrigerant R410A
Chloride residue +	Temperature of moving components in compressor increases →	Chloride residue and high heat generated during operation deteriorate refrigerant oil

Must clean piping for models not compatible with "cleaning-free" technology

Mitsubishi Electric's Original Replacement Technologies

Countermeasure for Problem 1

Technology 1
Alkyl Benzene Oil

Countermeasure for Problem 2

Technology 2
Friction Reduction (moving parts in compressor)

Existing piping can be used without cleaning

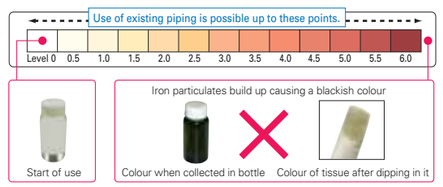
Technology 1
Original Refrigerant Oil
With a scientifically high level of stability, the adoption of "alkyl benzene oil" for use in RP35-50 units prevents deterioration due to chloride residue.

Low-deterioration alkyl benzene oil

Technology 2
Friction Reduction
Friction inside the compressor is reduced by using an original Mitsubishi Electric technology called the "Heat Caulking Fixing Method" or coating the edge of the blade in the scroll compressor, thereby suppressing the increase in temperature that causes refrigerant oil deterioration.

Cautions when using existing piping

- Check whether or not existing units can be used (Cleaning-free pipe reuse technology cannot be used with units which have trouble record).
- Chloride residues mixing with refrigerant oil will cause deterioration and change the oil colour to yellow. This can be resolved by installing Power Inverter Series units equipped with Cleaning-free Pipe Reuse technologies. However, in cases iron particulates generated by compressor trouble are existed in the system, regardless of how dark the oil colour is, please clean the existing pipes.
- When removing an old air conditioning unit, please make sure to perform the pump-down process and recover the refrigerant and refrigerant oil.
- Check to ensure that the piping diameter and thickness match Mitsubishi Electric specifications.
- Check to ensure that the flare is compatible with R410A.



PLA SERIES

PLA-RP35/50/60/71/100/125/140

A complete line-up including deluxe units that offer added energy savings. The incorporation of wide air-outlet and the “i-see Sensor” enhances airflow distribution control, achieving an enhanced level of comfort throughout the room. The synergy of higher energy efficiency and more comfortable room environment results in the utmost user satisfaction.

Deluxe 4-way Cassette Line-up

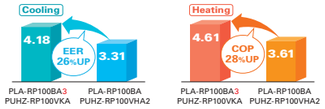
For customers seeking much higher energy-savings, Mitsubishi Electric offers a variety of deluxe units in this series line-up: models 75–125. Compared to the standard model (100), deluxe models provide an additional energy savings of approximately 20%, contributing to a significant reduction in electricity costs.

■ **Line-up**

Series \ Model	35	50	60	71	100	125	140
Deluxe 4-way Cassette	PLA-RP 35BA	PLA-RP 50BA	PLA-RP 60BA	NEW PLA-RP71 BA2	NEW PLA-RP100 BA3	NEW PLA-RP125 BA2	NEW PLA-RP 140BA2
Standard 4-way Cassette				PLA-RP71BA	PLA-RP100BA	PLA-RP125BA	

■ **Energy Efficiency Comparison**

Compared to the standard model (100), the deluxe 4-way ceiling cassette power inverter series provides an approximate 20% improvement in energy efficiency, adding to even further reductions in electricity consumption.



PLA-RP100BA3 PUHZ-RP100VKA / PLA-RP100BA PUHZ-RP100VHA2 (Cooling)

PLA-RP100BA3 PUHZ-RP100VKA / PLA-RP100BA PUHZ-RP100VHA2 (Heating)

■ **Key Technologies for Higher Energy Efficiency**

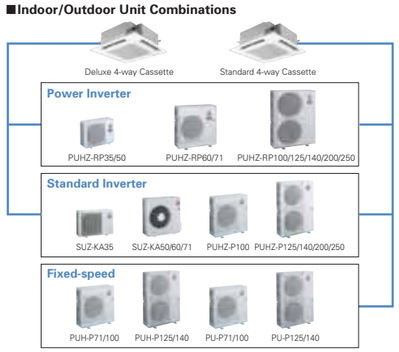
New Heat Exchanger Design

Heat exchanger fine size and pitch have been changed, raising energy efficiency.

Pre-grooved Piping

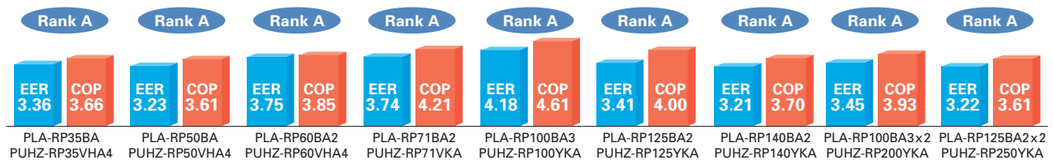
High-performance pre-grooved piping is utilized, increasing the heat exchange area.

■ **Indoor/Outdoor Unit Combinations**



“Rank A” Energy Savings Achieved for Range of Full-capacity Models

In addition to the deluxe indoor units, models in the full-capacity range have also attained the “Rank A” energy savings rating. This contributes greatly to reducing electricity costs regardless of building size.



“i-see Sensor” temperature-sensing technology improves energy efficiency and enhances room comfort

The “i-see Sensor” is an innovative Mitsubishi Electric technology that uses a radiation-based sensor to monitor temperature throughout an entire room. When connected to the air conditioner control panel, i-see Sensor works to maximize room comfort.

■ **i-see Sensor Panel**

PLP-6BAE

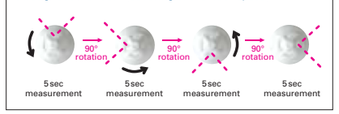
or

■ **Corner Panel Only** (Option)

PAC-SA1 ME-E

■ **i-see Sensor Operation**

The i-see Sensor rotates 90° at intervals of 5sec, accurately measuring the temperature throughout the room (covering entire floor space).



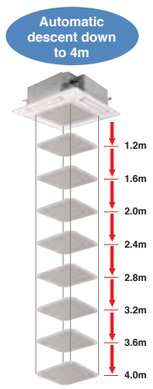
Automatic Grille Lowering Function (PLP-6BAJ)

An automatic grille lowering function is available for easy filter maintenance. Special wired and wireless remote controllers can be used to lower the grille for maintenance.

The grille can be lowered a maximum of 4m from the ceiling in 8 steps, thus enabling easy cleaning of the air filter. Cleaning of the filter is an important factor for saving energy.

Grille Elevation Remote Controller
(comes with the automatic elevation panel)

Wired Remote Controller

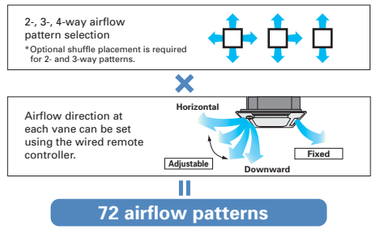


Optimum Airflow

Individual Vane Settings

Optimum airflow settings provide maximum comfort throughout the room.

In addition to the selection of variable airflow patterns (i.e., 2-, 3- or 4-way), this function allows the independent selection of vertical airflow levels for each vane, thereby maintaining a comfortable room environment with even temperature distribution.



Wide Airflow

Wide-angle outlets distribute airflow to all corners of the room.

The outlets are larger than those of previous models and the shape has been improved for better wide-angle ventilation.

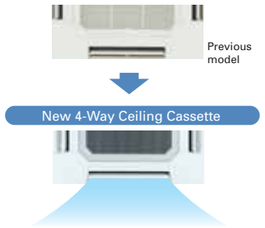
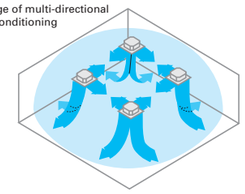


Image of multi-directional air conditioning



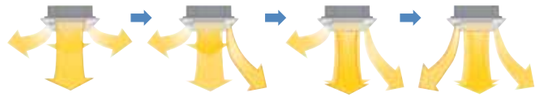
Individual Vane Setting + Wide Airflow

The combination of individual vane setting, which enables the optimal outlet setting for each room layout, and the wide airflow function works to ensure even temperature distribution throughout each room. The result is uniformly comfortable air conditioning.

Wave Airflow – Thoroughly warming all corners of the room!

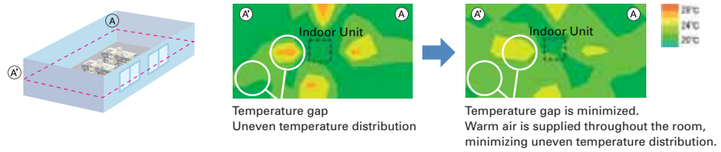
Wave Airflow Operation

“Wave Airflow” is essentially the advanced control of the vanes directing the airflow from the unit. Blown-air is repeated dispersed from the unit in horizontal and downward directions at time-lagged intervals to provide uniform heating throughout the room.



✻ Wave Airflow is possible only when using the heating mode

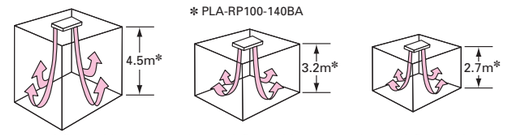
Thermograph of Wave Control Effect



Temperature distribution comparison approximately 20min after turning on a PLA-RP71BA 4-Way ceiling cassette. The measurement point for comparison is a plane 1.2m above the floor.

Equipped with High- and Low-ceiling Modes

Units are equipped with high- and low-ceiling operation modes that make it possible to switch the airflow volume to match room height. The ability to choose the optimum airflow volume makes it possible to optimize the breezy sensation felt throughout the room.



✻ PLA-RP100-140BA

4-way airflow with high-ceiling setting

4-way airflow with standard setting

4-way airflow with low-ceiling setting

■ **Airflow Range**

Airflow pattern \ Model	PLA-RP35–71BA			PLA-RP100-140BA		
	High-ceiling setting	Standard setting	Low-ceiling setting	High-ceiling setting	Standard setting	Low-ceiling setting
4-Way	**3.5**m	2.4m	**2.5**m	**4.5**m	3.2m	**2.7**m
3-Way	**3.5**m	3.0m	**2.7**m	**4.5**m	3.6m	**3.0**m
2-Way	**3.5**m	3.3m	**3.0**m	**4.5**m	4.0m	**3.3**m

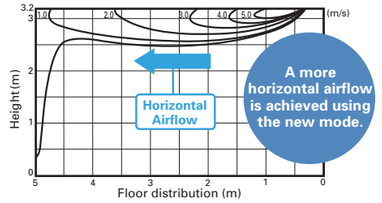
Horizontal Airflow

A “Horizontal Airflow” function has been added to reduce drafty-feeling distribution. Horizontal Airflow prevents cold drafts from striking the body directly, thereby keeping the body from becoming over-chilled.

[Airflow Distribution]

PLA-RP125BA(2)

Flow angle, cooling at 20°C (ceiling height 3.2m)



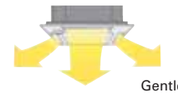
✻ Smudge spots on the ceiling may form where the airflow is not evenly distributed.

Automatic Air-speed Adjustment

An automatic air-speed mode that adjusts airflow speed automatically is adopted to maintain comfortable room conditions at all times. This setting automatically adjusts the air-speed to conditions that match the room environment.

At the start of heating/cooling operation, the airflow is set to high-speed to quickly heat/cool the room.

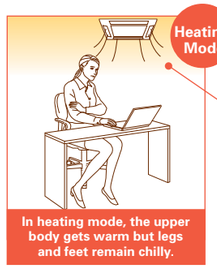
When the room temperature reaches the desired setting, the airflow speed is decreased automatically for stable comfortable heating/cooling operation.



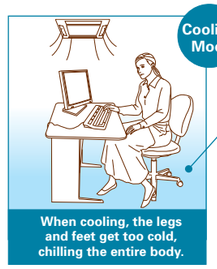
DOES HAVING COLD FEET BOTHER YOU?

The “i-see Sensor” is the answer to your problems!

i-see Sensor



Even though the temperature on the remote controller is at a preset temperature, the temperature at floor level remains cold. As a result, there’s no feeling of getting warmer.

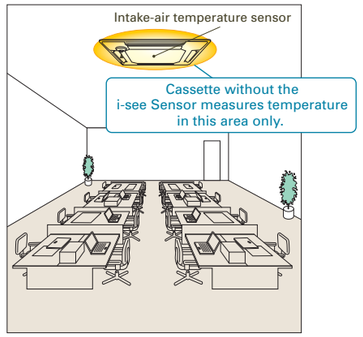


At the beginning of operation, the room is nice and cool; but before long the temperature at floor level drops, causing the feeling of being too cold.

A comfortable room environment cannot be maintained by monitoring only the temperature at the ceiling.

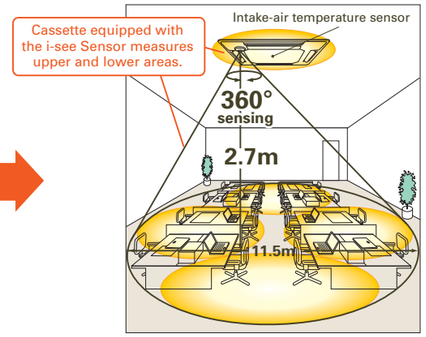
Without “i-see Sensor”

Only intake-air temperature at the ceiling was measured, tending to overlook uneven temperature distribution at floor level.



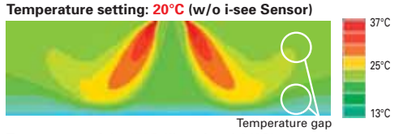
Equipped with New 4-Way Ceiling “i-see Sensor”

Both the floor temperature and intake-air temperature are measured to provide operation that creates a comfortable room environment from ceiling to floor.



In Heating Mode — When you want the temperature felt to be 20°

Temperature setting: 20°C (w/o i-see Sensor)

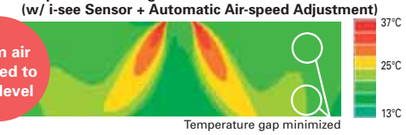


Temperature felt: 17°C (floor level 14°C)

Warm air rises to the ceiling. This causes poor heating at floor level, leaving legs and feet feeling cold.

Temperature setting: 20°C (w/ i-see Sensor + Automatic Air-speed Adjustment)

Room air warmed to floor level



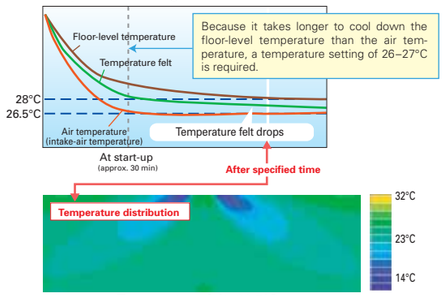
Temperature felt: 20°C (floor level 20°C)

The i-see Sensor detects the temperature at the floor while the Automatic Air-speed Adjustment eliminates uneven temperature distribution by thoroughly warming the air down to the floor.

In Cooling Mode — When you want the temperature felt to be 28°C

Comfortable without excess chilliness

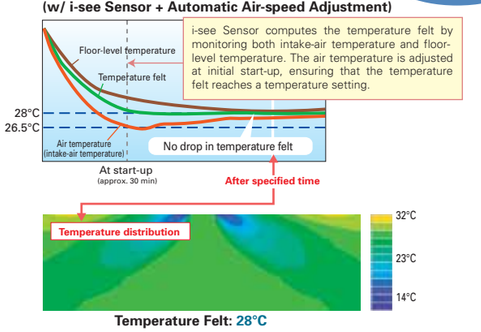
Temperature setting: 26–27°C (w/o i-see Sensor)



Temperature felt: 26.5°C

The temperature felt drops according to the drop in floor-level temperature. If the floor-level temperature is not monitored during long cooling operation, the temperature felt becomes chilly.

Temperature setting: 28°C (w/ i-see Sensor + Automatic Air-speed Adjustment)



Temperature Felt: 28°C

Air temperature is adjusted according to the floor temperature to keep the temperature felt at 28°C.

SERIES SELECTION

Power Inverter Series

Indoor Unit

PLA-RP35/50/60/71/100/125/140

Outdoor Unit

For Single

PUHZ-RP35/50 PUHZ-RP60/71 PUHZ-RP100/125/140

For Multi (Twin/Triple/Quadruple)

PUHZ-RP71 PUHZ-RP100/125/140/200/250

Remote Controller

Standard Panel
PLP-6BA (only Panel)
PLP-6BAMD (with wired remote controller)
PLP-6BALM (with wireless remote controller)
Automatic Filter Elevation Panel
PLP-6BAJ (only Panel)
Standard Panel with “i-see Sensor”
PLP-6BAE (only Panel)
PLP-6BALME (with wired remote controller)
PLP-6BAMDE (with wireless remote controller)

Standard Inverter Series

Indoor Unit

PLA-RP35/50/60/71/100/125/140

Outdoor Unit

For Single

SUZ-KA35 SUZ-KA50/60/71 PUHZ-P100 PUHZ-P125/140

For Multi (Twin/Triple/Quadruple)

PUHZ-P100 PUHZ-P125/140/200/250

Remote Controller

Standard Panel
PLP-6BA (only Panel)
PLP-6BAMD (with wired remote controller)
PLP-6BALM (with wireless remote controller)
Automatic Filter Elevation Panel
PLP-6BAJ (only Panel)
Standard Panel with “i-see Sensor”
PLP-6BAE (only Panel)
PLP-6BALME (with wired remote controller)
PLP-6BAMDE (with wireless remote controller)

Fixed-speed Series (Heat pump)

Indoor Unit

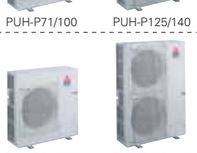
PLA-RP35/50/60/71/100/125/140

Outdoor Unit

For Single

PUH-P71/100 PUH-P125/140

For Multi (Twin/Triple)



PUH-P71/100 PUH-P125/140

Remote Controller

Standard Panel
PLP-6BA (only Panel)
PLP-6BAMD (with wired remote controller)
PLP-6BALM (with wireless remote controller)
Automatic Filter Elevation Panel
PLP-6BAJ (only Panel)
Standard Panel with “i-see Sensor”
PLP-6BAE (only Panel)
PLP-6BALME (with wired remote controller)
PLP-6BAMDE (with wireless remote controller)

Fixed-speed Series (Cooling only)

Indoor Unit

PLA-RP35/50/60/71/100/125/140

Outdoor Unit

For Single

PU-P71/100 PU-P125/140

For Multi (Twin/Triple)

PU-P71/100 PU-P125/140

Remote Controller

Standard Panel
PLP-6BA (only Panel)
PLP-6BAMD (with wired remote controller)
PLP-6BALM (with wireless remote controller)
Automatic Filter Elevation Panel
PLP-6BAJ (only Panel)
Standard Panel with “i-see Sensor”
PLP-6BAE (only Panel)
PLP-6BALME (with wired remote controller)
PLP-6BAMDE (with wireless remote controller)

PLZ-RP BA Indoor Unit Combinations

Indoor unit combinations shown below are possible.

Indoor Unit Combination		Outdoor Unit Capacity																				
		For Single									For Twin						For Triple			For Quadruple	
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power Inverter (PUHZ-RP)		35x1	50x1	60x1	71x1	100x1	125x1	140x1	–	–	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	–	–	–	–	–	–	–	–	–	MSDD-50SR-E				MSDD-50WR-E		MSDT-111R-E			MSDF-1111R-E	
Standard Inverter (PUHZ-P&SUZ)		35x1	50x1	60x1	71x1	100x1	125x1	140x1	–	–	–	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	–	–	–	–	–	–	–	–	–	–	MSDD-50SR-E			MSDD-50WR-E		MSDT-111R-E			MSDF-1111R-E	
Fixed-speed (PUH-P&PU-P)		–	–	–	71x1	100x1	125x1	140x1	–	–	35x2	50x2	60x2	71x2	–	–	50x3	–	–	–	–
	Distribution Pipe	–	–	–	–	–	–	–	–	–	MSDD-50SR-E				–	–	MSDT-111R-E	–	–	–	–

PLZ-RP SERIES
POWER INVERTER

Type					Inverter Heat Pump									
Indoor Unit					PLA-RP35BA	PLA-RP50BA	PLA-RP60BA	PLA-RP71BA	PLA-RP71BA2	PLA-RP100BA	PLA-RP100BA3	PLA-RP125BA	PLA-RP125BA2	PLA-RP140BA2
Outdoor Unit					PUHZ-RP35VHA4	PUHZ-RP50VHA4	PUHZ-RP60VHA4	PUHZ-RP71VHA4	PUHZ-RP71VHA4	PUHZ-RP100VKA(YKA)	PUHZ-RP100VKA(YKA)	PUHZ-RP125VKA(YKA)	PUHZ-RP125VKA(YKA)	PUHZ-RP140VKA(YKA)
Power Supply	Source				Outdoor power supply									
	Outdoor (V/Phase/Hz)				VHA • VKA:230 / Single / 50, YKA:400 / Three / 50									
	Indoor (V/Phase/Hz)				–									
Cooling	Capacity	Rated		kW	3.6	5.0	6.0	7.1	7.1	10.0	10.0	12.5	12.5	14.0
		Min - Max		kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.3
	Total Input	Rated		kW	1.070	1.550	1.600	2.090	1.900	2.650	2.390	3.830	3.670	4.360
	EER				3.36	3.23	3.75	3.40	3.74	3.77	4.18	3.26	3.41	3.21
		EEL Rank			A	A	A	–*2	A	–*2	A	–*2	A	A
Heating	Capacity	Rated		kW	4.1	6.0	7.0	8.0	8.0	11.2	11.2	14.0	14.0	16.0
		Min - Max		kW	1.6 - 5.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0
	Total Input	Rated		kW	1.120	1.660	1.820	2.150	1.900	2.790	2.430	3.860	3.500	4.320
	COP				3.66	3.61	3.85	3.72	4.21	4.01	4.61	3.63	4.00	3.70
		EEL Rank			A	A	A	–*2	A	–*2	A	–*2	A	A
Operating Current (max)					13.2	13.4	19.4	19.5	19.5	27.4(8.9)	27.5(9.0)	27.5(10.5)	27.5(10.5)	29.1(12.1)
Indoor Unit	Input	Rated		kW	0.030	0.050	0.050	0.070	0.070	0.140	0.140	0.150	0.150	0.160
	Operating Current (max)			A	0.22	0.36	0.36	0.51	0.51	0.94	1.00	1.00	1.00	1.07
	Dimensions	H x W x D		mm	258 - 840 - 840					298 - 840 - 840				
	Weight			kg	22	22	23	23	23	25	26	25	27	27
	Air Volume [Lo-Mi2-Mi1-Hi]			m^3/min	11.0 - 12.0 - 13.0 - 15.0	12.0 - 14.0 - 16.0 - 18.0	12.0 - 14.0 - 16.0 - 18.0	14.0 - 16.0 - 18.0 - 21.0	14.0 - 16.0 - 18.0 - 21.0	20.0 - 23.0 - 26.0 - 30.0	20.0 - 23.0 - 26.0 - 30.0	22.0 - 25.0 - 28.0 - 31.0	22.0 - 25.0 - 28.0 - 31.0	24.0 - 26.0 - 29.0 - 32.0
	External Static Pressure			Pa	–	–	–	–	–	–	–	–	–	–
	Sound Level [Lo-Mi2-Mi1-Hi]			dB(A)	27 - 28 - 29 - 31	28 - 29 - 31 - 32	28 - 29 - 31 - 32	28 - 30 - 32 - 34	28 - 30 - 32 - 34	32 - 34 - 37 - 40	32 - 34 - 37 - 40	34 - 36 - 39 - 41	34 - 36 - 39 - 41	36 - 39 - 42 - 44
	Breaker Size			A	–	–	–	–	–	–	–	–	–	–
Panel	Dimensions	H x W x D		mm	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950
	Weight			kg	6	6	6	6	6	6	6	6	6	6
Outdoor Unit	Dimensions	H x W x D		mm	600 - 800 - 300(+23)		943 - 950 - 330(+30)			1338 - 1050 - 330(+30)				
	Weight			kg	42	42	67	67	67	116(124)	116(124)	116(126)	116(126)	118(132)
	Air Volume	Cooling	Rated	m^3/min	35.0	35.0	60.0	60.0	60.0	110.0	110.0	120.0	120.0	120.0
		Heating	Rated	m^3/min	35.0	35.0	60.0	60.0	60.0	110.0	110.0	120.0	120.0	120.0
	Sound Level	Cooling - Silent	Rated	dB(A)	44 - 41	44 - 41	47 - 44	47 - 44	47 - 44	49 - 46	49 - 46	50 - 47	50 - 47	50 - 47
		Heating	Rated	dB(A)	46	46	48	48	48	51	51	52	52	52
	Operating Current (max)			A	13.0	13.0	19.0	19.0	19.0	26.5(8.0)	26.5(8.0)	26.5(9.5)	26.5(9.5)	28(11)
	Breaker Size			A	16	16	25	25	25	32(16)	32(16)	32(16)	32(16)	40(16)
Ext. Piping	Diameter	Liquid / Gas		mm	6.35 / 12.7		9.52 / 15.88							
	Max. Length	Out-In		m	50	50	50	50	50	75	75	75	75	75
	Max. Height	Out-In		m	30	30	30	30	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*1		℃	-5 ~ +46									
		Heating		℃	-11 ~ +21		-20 ~ +21							

*1 With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible. *2 Eurovent application not filed.

PLZ-P SERIES
STANDARD INVERTER

Type					Inverter Heat Pump									
Indoor Unit					PLA-RP35BA	PLA-RP50BA	PLA-RP60BA	PLA-RP71BA	PLA-RP71BA2	PLA-RP100BA	PLA-RP100BA3	PLA-RP125BA	PLA-RP125BA2	PLA-RP140BA2
Outdoor Unit					SUZ-KA35VA	SUZ-KA50VA	SUZ-KA60VA	SUZ-KA71VA	SUZ-KA71VA	PUHZ-P100VHA3	PUHZ-P100VHA3	PUHZ-P125VHA3	PUHZ-P125VHA3	PUHZ-P140VHA3
Power Supply	Source				Outdoor power supply									
	Outdoor (V/Phase/Hz)				230 / Single / 50									
	Indoor (V/Phase/Hz)				–									
Cooling	Capacity	Rated		kW	3.5	5.0	5.7	7.1	7.1	9.4	9.4	12.3	12.3	13.6
		Min - Max		kW	1.0 - 3.9	1.1 - 5.6	1.1 - 6.3	0.9 - 8.1	0.9 - 8.1	4.9 - 11.2	4.9 - 11.2	5.5 - 14.0	5.5 - 14.0	5.5 - 15.0
	Total Input	Rated		kW	1.090	1.780	1.940	2.530	2.474	3.120	3.120	4.090	4.090	5.210
	EER				3.21	2.81	2.94	2.81	2.87	3.01	3.01	3.01	3.01	2.61
		EEL Rank			A	C	C	C	–*2	B	–*2	B	–*2	D
Heating	Capacity	Rated		kW	4.1	6.0	6.9	8.0	8.0	11.2	11.2	14.0	14.0	16.0
		Min - Max		kW	0.9 - 5.0	0.9 - 7.2	0.9 - 8.0	0.9 - 10.2	0.9 - 10.2	4.5 - 12.5	4.9 - 12.5	5.0 - 16.0	5.0 - 16.0	5.0 - 18.0
	Total Input	Rated		kW	1.110	1.820	2.110	2.490	2.446	3.280	3.218	4.110	4.023	4.980
	COP				3.69	3.30	3.27	3.21	3.27	3.41	3.48	3.41	3.48	3.21
		EEL Rank			A	C	C	C	–*2	B	–*2	B	–*2	C
Operating Current (max)					9.4	16.4	16.4	16.5	16.5	28.9	29.0	29.0	29.0	30.6
Indoor Unit	Input	Rated		kW	0.030	0.050	0.050	0.070	0.070	0.140	0.140	0.150	0.150	0.160
	Operating Current (max)			A	0.22	0.36	0.36	0.51	0.51	0.94	1.00	1.00	1.00	1.07
	Dimensions	H x W x D		mm	258 - 840 - 840					298 - 840 - 840				
	Weight			kg	22	22	23	23	23	25	26	25	27	27
	Air Volume [Lo-Mi2-Mi1-Hi]			m^3/min	11.0 - 12.0 - 13.0 - 15.0	12.0 - 14.0 - 16.0 - 18.0	12.0 - 14.0 - 16.0 - 18.0	14.0 - 16.0 - 18.0 - 21.0	14.0 - 16.0 - 18.0 - 21.0	20.0 - 23.0 - 26.0 - 30.0	20.0 - 23.0 - 26.0 - 30.0	22.0 - 25.0 - 28.0 - 31.0	22.0 - 25.0 - 28.0 - 31.0	24.0 - 26.0 - 29.0 - 32.0
	External Static Pressure			Pa	–	–	–	–	–	–	–	–	–	–
	Sound Level [Lo-Mi2-Mi1-Hi]			dB(A)	27 - 28 - 29 - 31	28 - 29 - 31 - 32	28 - 29 - 31 - 32	28 - 30 - 32 - 34	28 - 30 - 32 - 34	32 - 34 - 37 - 40	32 - 34 - 37 - 40	34 - 36 - 39 - 41	34 - 36 - 39 - 41	36 - 39 - 42 - 44
	Breaker Size			A	–	–	–	–	–	–	–	–	–	–
Panel	Dimensions	H x W x D		mm	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950
	Weight			kg	6	6	6	6	6	6	6	6	6	6
Outdoor Unit	Dimensions	H x W x D		mm	550 - 800 - 285		850 - 840 - 330			943 - 950 - 330(+30)		1350 - 950 - 330(+30)		
	Weight			kg	37	53	53	58	58	75	75	99	99	99
	Air Volume	Cooling	Rated	m^3/min	33.4	49.0	49.0	49.0	49.0	60.0	60.0	100.0	100.0	100.0
		Heating	Rated	m^3/min	33.4	49.0	49.0	49.0	49.0	60.0	60.0	100.0	100.0	100.0
	Sound Level	Cooling - Silent	Rated	dB(A)	47	53	53	53	53	50 - 47	50 - 47	51 - 48	51 - 48	52 - 49
		Heating	Rated	dB(A)	48	55	55	55	55	54	54	55	55	56
	Operating Current (max)			A	9.2	16.0	16.0	16.0	16.0	28.0	28.0	28.0	28.0	29.5
	Breaker Size			A	10	20	20	20	20	32	32	32	32	40
Ext. Piping	Diameter	Liquid / Gas		mm	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88						
	Max. Length	Out-In		m	20	30	30	30	30	50	50	50	50	50
	Max. Height	Out-In		m	12	30	30	30	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling		℃	-10 ~ +46	-15 ~ +43				-5 ~ +46*1				
		Heating		℃	-10 ~ +24					-15 ~ +21				

*1 With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible. *2 Eurovent application not filed.

PLH-P SERIES
FIXED - SPEED

Type					Fixed - Speed					
Indoor Unit					PLA-RP71BA		PLA-RP100BA		PLA-RP125BA	PLA-RP140BA2
Outdoor Unit					PUH-P71VHA	PUH-P71YHA	PUH-P100VHA	PUH-P100YHA	PUH-P125YHA	PUH-P140YHA
Power Supply	Source				Outdoor power supply					
	Outdoor (V/Phase/Hz)				VHA:230 / Single / 50, YHA:400 / Three / 50					
	Indoor (V/Phase/Hz)				–					
Cooling	Capacity	Rated		kW	8.0	8.0	10.0	10.0	12.3	14.2
	Total Input	Rated		kW	2.830	2.830	3.530	3.530	4.360	5.410
	EER				2.83	2.83	2.83	2.83	2.82	2.62
		EEL Rank			-	-	-	-	-	-
Heating	Capacity	Rated		kW	9.0	9.0	11.5	11.5	14.3	17.0
	Total Input	Rated		kW	2.820	2.820	3.400	3.400	4.230	5.350
	COP				3.19	3.19	3.38	3.38	3.38	3.18
		EEL Rank			-	-	-	-	-	-
Operating Current (max)					24.0	8.3	29.5	10.4	13.6	16.7
Indoor Unit	Input	Rated		kW	0.070	0.070	0.140	0.140	0.150	0.160
	Operating Current (max)			A	0.51	0.51	1.00	1.00	1.00	1.07
	Dimensions	H x W x D		mm	258 - 840 - 840	258 - 840 - 840	298 - 840 - 840	298 - 840 - 840	298 - 840 - 840	298 - 840 - 840
	Weight			kg	23	23	25	25	25	27
	Air Volume [Lo-Mi2-Mi1-Hi]			m^3/min	14.0 - 16.0 - 18.0 - 21.0	14.0 - 16.0 - 18.0 - 21.0	20.0 - 23.0 - 26.0 - 30.0	20.0 - 23.0 - 26.0 - 30.0	22.0 - 25.0 - 28.0 - 31.0	24.0 - 26.0 - 29.0 - 32.0
	External Static Pressure			Pa	–	–	–	–	–	–
	Sound Level [Lo-Mi2-Mi1-Hi]			dB(A)	28 - 30 - 32 - 34	28 - 30 - 32 - 34	32 - 34 - 37 - 40	32 - 34 - 37 - 40	34 - 36 - 39 - 41	36 - 39 - 42 - 44
	Breaker Size			A	–	–	–	–	–	–
Panel	Dimensions	H x W x D		mm	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950
	Weight			kg	6	6	6	6	6	6
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)
	Weight			kg	93	93	94	94	131	131
	Air Volume	Cooling	Rated	m^3/min	55.0	55.0	65.0	65.0	100.0	100.0
		Heating	Rated	m^3/min	55.0	55.0	65.0	65.0	100.0	100.0
	Sound Level	Cooling	Rated	dB(A)	49	49	50	50	50	51
		Heating	Rated	dB(A)	50	50	52	52	52	53
	Operating Current (max)			A	23.5	7.8	28.5	9.4	12.6	15.6
	Breaker Size			A	32	16	32	16	25	25
Ext. Piping	Diameter	Liquid / Gas		mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In		m	50	50	50	50	50	50
	Max. Height	Out-In		m	50	50	50	50	50	50
Guaranteed Operating Range [Outdoor]		Cooling*1		℃	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46
		Heating		℃	-11 ~ +24	-11 ~ +24	-11 ~ +24	-11 ~ +24	-11 ~ +24	-11 ~ +24

*1 With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible. *2 Eurovent application not filed.

PL-P SERIES
FIXED - SPEED COOLING ONLY

Type					Fixed - Speed					
Indoor Unit					PLA-RP71BA		PLA-RP100BA		PLA-RP125BA	PLA-RP140BA2
Outdoor Unit					PU-P71VHA	PU-P71YHA	PU-P100VHA	PU-P100YHA	PU-P125YHA	PU-P140YHA
Power Supply	Source				Outdoor power supply					
	Outdoor (V/Phase/Hz)				VHA:230 / Single / 50, YHA:400 / Three / 50					
	Indoor (V/Phase/Hz)				–					
Cooling	Capacity	Rated		kW	8.0	8.0	10.0	10.0	12.3	14.2
	Total Input	Rated		kW	2.830	2.830	3.530	3.530	4.360	5.410
	EER				2.83	2.83	2.83	2.83	2.83	2.62
		EEL Rank			-	-	-	-	-	-
Operating Current (max)					24.0	8.3	29.5	10.4	13.6	16.7
Indoor Unit	Input	Rated		kW	0.070	0.070	0.140	0.140	0.150	0.160
	Operating Current (max)			A	0.51	0.51	1.00	1.00	1.00	1.07
	Dimensions	H x W x D		mm	258 - 840 - 840	258 - 840 - 840	298 - 840 - 840	298 - 840 - 840	298 - 840 - 840	298 - 840 - 840
	Weight			kg	23	23	25	25	25	27
	Air Volume [Lo-Mi2-Mi1-Hi]			m^3/min	14.0 - 16.0 - 18.0 - 21.0	14.0 - 16.0 - 18.0 - 21.0	20.0 - 23.0 - 26.0 - 30.0	20.0 - 23.0 - 26.0 - 30.0	22.0 - 25.0 - 28.0 - 31.0	24.0 - 26.0 - 29.0 - 32.0
	External Static Pressure			Pa	–	–	–	–	–	–
	Sound Level [Lo-Mi2-Mi1-Hi]			dB(A)	28 - 30 - 32 - 34	28 - 30 - 32 - 34	32 - 34 - 37 - 40	32 - 34 - 37 - 40	34 - 36 - 39 - 41	36 - 39 - 42 - 44
	Breaker Size			A	–	–	–	–	–	–
Panel	Dimensions	H x W x D		mm	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950
	Weight			kg	6	6	6	6	6	6
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)
	Weight			kg	93	93	94	94	131	131
	Air Volume	Cooling	Rated	m^3/min	55.0	55.0	65.0	65.0	100.0	100.0
	Sound Level	Cooling	Rated	dB(A)	49	49	50	50	50	51
	Operating Current (max)			A	23.5	7.8	28.5	9.4	12.6	15.6
	Breaker Size			A	32	16	32	16	25	25
Ext. Piping	Diameter	Liquid / Gas		mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In		m	50	50	50	50	50	50
	Max. Height	Out-In		m	50	50	50	50	50	50
Guaranteed Operating Range [Outdoor]		Cooling*1		℃	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46

*1 With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible. *2 Eurovent application not filed.

PKA SERIES

PKA-RP35/50

PKA-RP60/71/100

The compact, wall-mounted indoor units offer the convenience of simple installation, and a large product line-up (RP35-RP100 models) ensures a best-match solution. Designed for highly efficient energy savings, the PKA Series is the answer to your air conditioning needs.

Flat Panel & Pure White Finish

All models have changed from the grill design, adopting the flat panel layout. Pursuing a design that harmonizes with virtually any interior, the unit color has been from white to pure white.

PKA-RP GAL

PKA-RP FAL

PKA-RP HAL

PKA-RP KAL

Compact Indoor Units

Indoor unit width has been reduced by as much as 510mm (RP100). Units take up much less space, greatly increasing installation possibilities.

PKA-RP35/50HAL **92mm DOWN***

*Compared to PKA-RP35/50GAL

PKA-RP60/71KAL **230mm DOWN***

*Compared to PKA-RP60/71FAL

PKA-RP100KAL **510mm DOWN***

*Compared to PKA-RP100FAL

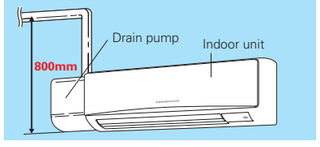
"Rank A" Energy Savings Achieved for Range of Full-capacity Models

Highly efficient indoor unit heat exchangers and improvements in the energy-saving power inverters contribute to an amazing reduction in electricity consumption, and have resulted in models in the full-capacity range attaining the "Rank A" energy savings rating.

✻Comparison with PKA-RP GAL/FAL (equipped with power inverter) energy-saving values.

Drain Pump Option Available with All Models

Installation of the drain pump enables a drain outlet as high as 800mm above the base of the indoor unit. Drain water can be discharged easily even if the surface where the wall-mounted unit does not have direct access outside, increasing the degree of freedom for installation.



Multi-function Wired Remote Controller

In addition to using the wireless remote controller that comes as standard equipment, PAR-21MAA wired remote controllers can be used as well.

✻Connection to a wired remote controller requires PAR-21-MAAT-E (optional).

Main Functions

- Multi-language Display
- Limited Temperature Range Setting
- Auto-off Timer
- Operation Lock
- Weekly Timer

✻For details, please refer to pages 21-22.

SERIES SELECTION

Power Inverter Series

Indoor Unit

PKA-RP35/50

PKA-RP60/71/100

Outdoor Unit

For Single

PUHZ-RP35/50

PUHZ-RP60/71

PUHZ-RP100

For Multi (Twin/Triple/Quadruple)

PUHZ-RP71

PUHZ-RP100/125/140/200/250

Remote Controller

Optional

Standard Inverter Series

Indoor Unit

PKA-RP35/50

PKA-RP60/71/100

Outdoor Unit

For Single

PUHZ-P100

For Multi (Twin/Triple/Quadruple)

PUHZ-P100

PUHZ-P125/140/200/250

Remote Controller

Optional

Fixed-speed Series (Heat pump)

Indoor Unit

PKA-RP35/50

PKA-RP60/71/100

Outdoor Unit

For Single

PUH-P71/100

For Multi (Twin/Triple)

PUH-P71/100

PUH-P125/140

Remote Controller

Optional

Fixed-speed Series (Cooling only)

Indoor Unit

PKA-RP35/50

PKA-RP60/71/100

Outdoor Unit

For Single

PU-P71/100

For Multi (Twin/Triple)

PU-P71/100

PU-P125/140

Remote Controller

Optional

PKZ-RP HA/KA Indoor Unit Combinations

Indoor unit combinations shown below are possible.

Indoor Unit Combination		Outdoor Unit Capacity																				
		For Single									For Twin						For Triple			For Quadruple	
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power Inverter (PUHZ-RP)		35x1	50x1	60x1	71x1	100x1	–	–	–	–	35x2	50x2	60x2	71x2	100x2	–	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	–	–	–	–	–	–	–	–	–	MSDD-50SR-E				MSDD-50WR-E	–	MSDT-111R-E			MSDF-1111R-E	
Standard Inverter (PUHZ-P&SUZ)		–	–	–	–	100x1	–	–	–	–	–	50x2	60x2	71x2	100x2	–	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	–	–	–	–	–	–	–	–	–	–	MSDD-50SR-E			MSDD-50WR-E	–	MSDT-111R-E			MSDF-1111R-E	
Fixed-speed (PUH-P&PU-P)		–	–	–	71x1	100x1	–	–	–	–	35x2	50x2	60x2	71x2	–	–	50x3	–	–	–	–
	Distribution Pipe	–	–	–	–	–	–	–	–	–	MSDD-50SR-E				–	–	MSDT-111R-E	–	–	–	–

PKZ-RP SERIES
POWER INVERTER

Demand Control (Optional) · Pure White · AUTO VANE · Check! (Optional) · SWING · AUTO · ACO · Auto Restart · Low Temp Cooling · Silent · Ampere Limit (60-140V/200/250) · Rotation Back-up (Optional) · (Optional) · Centralised On/Off (Optional) · Group Control (Optional) · M-NET connection (Optional) · COMPO · Cleaning the fine mist · Wiring Reuse (Optional) · Drain Lift Up (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type					Inverter Heat Pump					
Indoor Unit					PKA-RP35HAL	PKA-RP50HAL	PKA-RP60KAL	PKA-RP71KAL	PKA-RP100KAL	
Outdoor Unit					PUHZ-RP35VHA4	PUHZ-RP50VHA4	PUHZ-RP60VHA4	PUHZ-RP71VHA4	PUHZ-RP100VKA	PUHZ-RP100YKA
Power Supply	Source				Outdoor power supply					
	Outdoor (V/Phase/Hz)				VHA • VKA:230 / Single / 50, YKA:400 / Three / 50					
	Indoor (V/Phase/Hz)				–					
Cooling	Capacity	Rated		kW	3.6	4.6	6.0	7.1	10.0	10.0
		Min - Max		kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4
	Total Input	Rated		kW	0.980	1.430	1.540	1.960	2.900	2.900
	EER				3.67	3.22	3.90	3.62	3.45	3.45
		EEL Rank			A	A	A	A	A	A
Heating	Capacity	Rated		kW	4.1	5.0	7.0	8.0	11.2	11.2
		Min - Max		kW	1.6 - 5.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0
	Total Input	Rated		kW	1.130	1.380	1.760	2.130	3.100	3.100
	COP				3.63	3.62	3.98	3.76	3.61	3.61
		EEL Rank			A	A	A	A	A	A
Operating Current (max)					13.4	13.4	19.4	19.4	27.1	8.6
Indoor Unit	Input	Rated		kW	0.040	0.040	0.060	0.060	0.080	0.080
	Operating Current (max)			A	0.40	0.40	0.43	0.43	0.57	0.57
	Dimensions	H x W x D		mm	295 - 898 - 249	295 - 898 - 249	365 - 1170 - 295	365 - 1170 - 295	365 - 1170 - 295	365 - 1170 - 295
	Weight			kg	13	13	21	21	21	21
	Air Volume [Lo-Mid-Hi]			m^3/min	9.0 - 10.5 - 12.0	9.0 - 10.5 - 12.0	18.0 - 20.0 - 22.0	18.0 - 20.0 - 22.0	20.0 - 23.0 - 26.0	20.0 - 23.0 - 26.0
	External Static Pressure			Pa	–	–	–	–	–	–
	Sound Level [Lo-Mid-Hi]			dB(A)	36 - 40 - 43	36 - 40 - 43	39 - 42 - 45	39 - 42 - 45	41 - 45 - 49	41 - 45 - 49
	Breaker Size			A	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D		mm	600 - 800 - 300(+23)	600 - 800 - 300(+23)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)
	Weight			kg	42	42	67	67	116	124
	Air Volume	Cooling	Rated	m^3/min	35.0	35.0	60.0	60.0	110.0	110.0
		Heating	Rated	m^3/min	35.0	35.0	60.0	60.0	110.0	110.0
	Sound Level	Cooling - Silent	Rated	dB(A)	44 - 41	44 - 41	47 - 44	47 - 44	49 - 46	49 - 46
		Heating	Rated	dB(A)	46	46	48	48	51	51
	Operating Current (max)			A	13.0	13.0	19.0	19.0	26.5	8.0
	Breaker Size			A	16	16	25	25	32	16
Ext. Piping	Diameter	Liquid / Gas		mm	6.35 / 12.7		9.52 / 15.88			
	Max. Length	Out-In		m	50	50	50	50	75	75
	Max. Height	Out-In		m	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*		℃	-5 ~ +46					
		Heating		℃	-11 ~ +21		-20 ~ +21			

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PKZ-P SERIES
STANDARD INVERTER

Demand Control (Optional) · Pure White · AUTO VANE · Check! (Optional) · SWING · AUTO · ACO · Auto Restart · Low Temp Cooling · Silent · Rotation Back-up (Optional) · (Optional) · Centralised On/Off (Optional) · Group Control (Optional) · M-NET connection (Optional) · COMPO · Wiring Reuse (Optional) · Drain Lift Up (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type					Inverter Heat Pump
Indoor Unit					PKA-RP100KAL
Outdoor Unit					PUHZ-P100VHA3
Power Supply	Source				Outdoor power supply
	Outdoor (V/Phase/Hz)				230 / Single / 50
	Indoor (V/Phase/Hz)				–
Cooling	Capacity	Rated		kW	9.4
		Min - Max		kW	4.9 - 11.2
	Total Input	Rated		kW	3.120
	EER				3.01
		EEL Rank			B
Heating	Capacity	Rated		kW	11.2
		Min - Max		kW	4.5 - 12.5
	Total Input	Rated		kW	3.490
	COP				3.21
		EEL Rank			C
Operating Current (max)					28.6
Indoor Unit	Input	Rated		kW	0.080
	Operating Current (max)			A	0.6
	Dimensions	H x W x D		mm	365 - 1170 - 295
	Weight			kg	21
	Air Volume [Lo-Mi2-Mi1-Hi]			m^3/min	20 - 23 - 26
	External Static Pressure			Pa	–
	Sound Level [Lo-Mi2-Mi1-Hi]			dB(A)	41 - 45 - 49
	Breaker Size			A	–
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)
	Weight			kg	75
	Air Volume	Cooling	Rated	m^3/min	60.0
		Heating	Rated	m^3/min	60.0
	Sound Level	Cooling - Silent	Rated	dB(A)	50 - 47
		Heating	Rated	dB(A)	54
	Operating Current (max)			A	28.0
	Breaker Size			A	32
Ext. Piping	Diameter	Liquid / Gas		mm	9.52 / 15.88
	Max. Length	Out-In		m	50
	Max. Height	Out-In		m	30
Guaranteed Operating Range [Outdoor]		Cooling*		℃	-5 ~ +46
		Heating		℃	-15 ~ +21

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PKH-P SERIES
FIXED – SPEED

Pure White · AUTO VANE · Check! (Optional) · SWING · AUTO · (Optional) · ACO · Auto Restart · Low Temp Cooling · Rotation Back-up (Optional) · (Optional) · Centralised On/Off (Optional) · Group Control (Optional) · M-NET connection (Optional) · COMPO · Wiring Reuse (Optional) · Drain Lift Up (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type					Fixed - Speed			
Indoor Unit					PKA-RP71KAL		PKA-RP100KAL	
Outdoor Unit					PUH-P71VHA	PUH-P71YHA	PUH-P100VHA	PUH-P100YHA
Power Supply	Source				Outdoor power supply			
	Outdoor (V/Phase/Hz)				VHA:230 / Single / 50, YHA:400 / Three / 50			
	Indoor (V/Phase/Hz)				–			
Cooling	Capacity	Rated		kW	7.9	7.9	9.8	9.8
	Total Input	Rated		kW	2.840	2.840	3.500	3.500
	EER				2.78	2.78	2.80	2.80
		EEL Rank			-	-	-	-
Heating	Capacity	Rated		kW	8.8	8.8	11.5	11.5
	Total Input	Rated		kW	3.080	3.080	3.470	3.470
	COP				2.86	2.86	3.31	3.31
		EEL Rank			-	-	-	-
Operating Current (max)					23.9	8.2	29.1	10.0
Indoor Unit	Input	Rated		kW	0.060	0.060	0.080	0.080
	Operating Current (max)			A	0.43	0.43	0.57	0.57
	Dimensions	H x W x D		mm	365 - 1170 - 295	365 - 1170 - 295	365 - 1170 - 295	365 - 1170 - 295
	Weight			kg	21	21	21	21
	Air Volume [Lo-Mid-Hi]			m^3/min	18.0 - 20.0 - 22.0	18.0 - 20.0 - 22.0	20.0 - 23.0 - 26.0	20.0 - 23.0 - 26.0
	External Static Pressure			Pa	–	–	–	–
	Sound Level [Lo-Mid-Hi]			dB(A)	39 - 42 - 45	39 - 42 - 45	41 - 45 - 49	41 - 45 - 49
	Breaker Size			A	–	–	–	–
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)
	Weight			kg	93	93	94	94
	Air Volume	Cooling	Rated	m^3/min	55.0	55.0	65.0	65.0
		Heating	Rated	m^3/min	55.0	55.0	65.0	65.0
	Sound Level	Cooling	Rated	dB(A)	49	49	50	50
		Heating	Rated	dB(A)	50	50	52	52
	Operating Current (max)			A	23.5	7.8	28.5	9.4
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter	Liquid / Gas		mm	9.52 / 15.88			
	Max. Length	Out-In		m	50	50	50	50
	Max. Height	Out-In		m	50	50	50	50
Guaranteed Operating Range [Outdoor]		Cooling*		℃	-5 ~ +46			
		Heating		℃	-11 ~ +24			

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PK-P SERIES
FIXED – SPEED COOLING ONLY

Pure White · AUTO VANE · Check! (Optional) · SWING · AUTO · (Optional) · Auto Restart · Low Temp Cooling · Rotation Back-up (Optional) · (Optional) · Centralised On/Off (Optional) · Group Control (Optional) · M-NET connection (Optional) · COMPO · Wiring Reuse (Optional) · Drain Lift Up (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type					Fixed - Speed			
Indoor Unit					PKA-RP71KAL		PKA-RP100KAL	
Outdoor Unit					PU-P71VHA	PU-P71YHA	PU-P100VHA	PU-P100YHA
Power Supply	Source				Outdoor power supply			
	Outdoor (V/Phase/Hz)				VHA:230 / Single / 50, YHA:400 / Three / 50			
	Indoor (V/Phase/Hz)				–			
Cooling	Capacity	Rated		kW	7.9	7.9	9.8	9.8
	Total Input	Rated		kW	2.840	2.840	3.500	3.500
	EER				2.78	2.78	2.80	2.80
		EEL Rank			-	-	-	-
Operating Current (max)					23.9	5.2	29.1	10.0
Indoor Unit	Input	Rated		kW	0.060	0.060	0.080	0.080
	Operating Current (max)			A	0.43	0.43	0.57	0.57
	Dimensions	H x W x D		mm	365 - 1170 - 295	365 - 1170 - 295	365 - 1170 - 295	365 - 1170 - 295
	Weight			kg	21	21	21	21
	Air Volume [Lo-Mid-Hi]			m^3/min	18.0 - 20.0 - 22.0	18.0 - 20.0 - 22.0	20.0 - 23.0 - 26.0	20.0 - 23.0 - 26.0
	External Static Pressure			Pa	–	–	–	–
	Sound Level [Lo-Mid-Hi]			dB(A)	39 - 42 - 45	39 - 42 - 45	41 - 45 - 49	41 - 45 - 49
	Breaker Size			A	–	–	–	–
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)
	Weight			kg	93	93	94	94
	Air Volume	Cooling	Rated	m^3/min	55.0	55.0	65.0	65.0
	Sound Level	Cooling	Rated	dB(A)	49	49	50	50
	Operating Current (max)			A	23.5	7.8	28.5	9.4
	Breaker Size			A	32	16	32	16
Ext. Piping	Diameter	Liquid / Gas		mm	9.52 / 15.88			
	Max. Length	Out-In		m	50	50	50	50
	Max. Height	Out-In		m	50	50	50	50
Guaranteed Operating Range [Outdoor]		Cooling*		℃	-5 ~ +46			

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PCA-KA SERIES

PCA-RP50/60/71/100/125/140

A stylish new indoor unit design and airflow settings for both high- and low-ceiling interiors expand installation possibilities. Together with exceptional energy-saving performance, these units are the solution to diversified air conditioning needs.

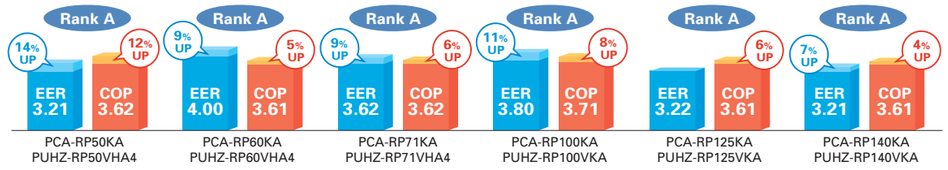
Stylish Indoor Unit Design

A stylish square-like design is adopted for the indoor units of all models. As a result, the units blend in better with the ceiling.

PCA-GA ▶ PCA-KA

"Rank A" Energy Savings Achieved for Range of Full-capacity Models

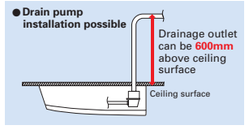
A direct-current (DC) fan motor is installed in the indoor unit, increasing the energy-saving efficiency of this power inverter series and resulting in the full-capacity models achieving a "Rank A" energy savings rating. This contributes to an impressive reduction in the cost of electricity.



✻ Comparison with PCA-RP GA (equipped with power inverter) energy-saving values.

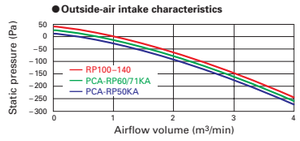
Optional Drain Pump for Full-capacity Models

The pumping height of the optional drain pump has been increased from 400mm to 600mm, expanding flexibility in choosing unit location during installation work.



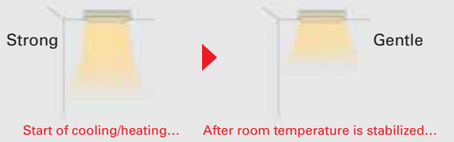
Outside-air Intake

Units are equipped with a knock-out hole that enables the induction of fresh outside-air.



Equipped with Automatic Air-speed Adjustment

In addition to the conventional 4-speed setting, units are now equipped with an automatic air-speed adjustment mode. This setting automatically adjusts the air-speed to conditions that match the room environment. At the start of heating/cooling operation, the airflow is set to high-speed to quickly heat/cool the room. When the room temperature reaches the desired setting, the airflow speed is decreased automatically for stable comfortable heating/cooling operation.



Equipped with High- /Low-ceiling Modes

Units are equipped with high- and low-ceiling operation modes that make it possible to switch the airflow volume to match room height. The ability to choose the optimum airflow volume makes it possible to optimize the breezy sensation felt throughout the room.

Capacity	High ceiling	Standard ceiling	Low ceiling
50	3.5m	2.7m	2.5m
60	3.5m	2.7m	2.5m
71	3.5m	2.7m	2.5m
100	4.2m	3.0m	2.6m
125	4.2m	3.0m	2.6m
140	4.2m	3.0m	2.6m

SERIES SELECTION

Power Inverter Series

Indoor Unit

PCA-RP50/60/71/100/125/140

Outdoor Unit

For Single

PUHZ-RP50 PUHZ-RP60/71 PUHZ-RP100/125/140

For Multi (Twin/Triple/Quadruple)

PUHZ-RP100/125/140/200/250

Remote Controller

Optional

Standard Inverter Series

Indoor Unit

PCA-RP50/60/71/100/125/140

Outdoor Unit

For Single

SUZ-KA50/60/71 PUHZ-P100 PUHZ-P125/140

For Multi (Twin/Triple/Quadruple)

PUHZ-P100 PUHZ-P125/140/200/250

Remote Controller

Optional

Fixed-speed Series (Heat pump)

Indoor Unit

PCA-RP50/60/71/100/125/140

Outdoor Unit

For Single

PUH-P71/100 PUH-P125/140

For Multi (Twin/Triple)

PUH-P71/100 PUH-P125/140

Remote Controller

Optional

Fixed-speed Series (Cooling only)

Indoor Unit

PCA-RP50/60/71/100/125/140

Outdoor Unit

For Single

PU-P71/100 PU-P125/140

For Multi (Twin/Triple)

PU-P71/100 PU-P125/140

Remote Controller

Optional

PCZ-RP KA Indoor Unit Combinations

Indoor unit combinations shown below are possible.

Indoor Unit Combination	Outdoor Unit Capacity																			
	For Single									For Twin						For Triple			For Quadruple	
	35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power Inverter (PUHZ-RP)	–	50x1	60x1	71x1	100x1	125x1	140x1	–	–	–	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
Distribution Pipe	–	–	–	–	–	–	–	–	–	–	MSDD-50SR-E			MSDD-50WR-E		MSDT-111R-E			MSDF-1111R-E	
Standard Inverter (PUHZ-P&SUZ)	–	50x1	60x1	71x1	100x1	125x1	140x1	–	–	–	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
Distribution Pipe	–	–	–	–	–	–	–	–	–	–	MSDD-50SR-E			MSDD-50WR-E		MSDT-111R-E			MSDF-1111R-E	
Fixed-speed (PUH-P&PU-P)	–	–	–	71x1	100x1	125x1	140x1	–	–	–	50x2	60x2	71x2	–	–	50x3	–	–	–	–
Distribution Pipe	–	–	–	–	–	–	–	–	–	–	MSDD-50SR-E			–	–	MSDT-111R-E	–	–	–	–

PCZ-RP KA SERIES
POWER INVERTER

Type					Inverter Heat Pump								
Indoor Unit					PCA-RP50KA	PCA-RP60KA	PCA-RP71KA	PCA-RP100KA		PCA-RP125KA		PCA-RP140KA	
Outdoor Unit					PUHZ-RP50VHA4	PUHZ-RP60VHA4	PUHZ-RP71VHA4	PUHZ-RP100VKA	PUHZ-RP100YKA	PUHZ-RP125VKA	PUHZ-RP125YKA	PUHZ-RP140VKA	PUHZ-RP140YKA
Power Supply	Source				Outdoor power supply								
	Outdoor (V/Phase/Hz)				VHA • VKA:230 / Single / 50, YKA:400 / Three / 50								
	Indoor (V/Phase/Hz)				–								
Cooling	Capacity	Rated		kW	5.0	6.0	7.1	10.0	10.0	12.5	12.5	14.0	14.0
		Min - Max		kW	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.3	6.2 - 15.3
	Total Input	Rated		kW	1.560	1.500	1.960	2.630	2.630	3.880	3.880	4.360	4.360
	EER				3.21	4.00	3.62	3.80	3.80	3.22	3.22	3.21	3.21
		EEL Rank			A	A	A	A	A	A	A	A	A
Heating	Capacity	Rated		kW	5.5	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0
		Min - Max		kW	2.5 - 6.6	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0	5.7 - 18.0
	Total Input	Rated		kW	1.520	1.940	2.210	3.020	3.020	3.880	3.880	4.430	4.430
	COP				3.62	3.61	3.62	3.71	3.71	3.61	3.61	3.61	3.61
		EEL Rank			A	A	A	A	A	A	A	A	A
Operating Current (max)					13.4	19.4	19.4	27.2	8.7	27.3	10.3	28.9	11.9
Indoor Unit	Input	Rated		kW	0.050	0.060	0.060	0.090	0.090	0.110	0.110	0.140	0.140
	Operating Current (max)			A	0.37	0.39	0.42	0.65	0.65	0.76	0.76	0.90	0.90
	Dimensions	H x W x D		mm	230 - 960 - 680	230 - 1280 - 680	230 - 1280 - 680	230 - 1600 - 680	230 - 1600 - 680	230 -1600 - 680	230 -1600 - 680	230 - 1600 - 680	230 - 1600 - 680
	Weight			kg	25	32	32	36	36	38	38	39	39
	Air Volume [Lo-Mi2-Mi-Hi]			m^3/min	10 - 11 - 13 - 15	15 - 16 - 17 - 19	16 - 17 - 18 - 20	22 - 24 - 26 - 28	22 - 24 - 26 - 28	23 - 25 - 27 - 29	23 - 25 - 27 - 29	24 - 26 - 29 - 32	24 - 26 - 29 - 32
	External Static Pressure			Pa	–	–	–	–	–	–	–	–	–
	Sound Level [Lo-Mi2-Mi-Hi]			dB(A)	32 - 34 - 37 - 40	33 - 35 - 37 - 40	35 - 37 - 39 - 41	37 - 39 - 41 - 43	37 - 39 - 41 - 43	39 - 41 - 43 - 45	39 - 41 - 43 - 45	41 - 43 - 45 - 48	41 - 43 - 45 - 48
	Breaker Size			A	–	–	–	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D		mm	600 - 800 - 300(+23)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)
	Weight			kg	42	67	67	116	124	116	126	118	132
	Air Volume	Cooling	Rated	m^3/min	35.0	60.0	60.0	110.0	110.0	120.0	120.0	120.0	120.0
		Heating	Rated	m^3/min	35.0	60.0	60.0	110.0	110.0	120.0	120.0	120.0	120.0
	Sound Level	Cooling - Silent	Rated	dB(A)	44 - 41	47 - 44	47 - 44	49 - 46	49 - 46	50 - 47	50 - 47	50 - 47	50 - 47
		Heating	Rated	dB(A)	46	48	48	51	51	52	52	52	52
	Operating Current (max)			A	13.0	19.0	19.0	26.5	8.0	26.5	9.5	28.0	11.0
	Breaker Size			A	16	25	25	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid / Gas		mm	6.35 / 12.7	9.52 / 15.88							
	Max. Length	Out-In		m	50	50	50	75	75	75	75	75	75
	Max. Height	Out-In		m	30	30	30	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*		℃	-5 ~ +46								
		Heating		℃	-11 ~ +21	-20 ~ +21							

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PCZ-P KA SERIES
STANDARD INVERTER

Type					Inverter Heat Pump					
Indoor Unit					PCA-RP50KA	PCA-RP60KA	PCA-RP71KA	PCA-RP100KA	PCA-RP125KA	PCA-RP140KA
Outdoor Unit					SUZ-KA50VA	SUZ-KA60KA	SUZ-KA71VA	PUHZ-P100VHA3	PUHZ-P125VHA3	PUHZ-P140VHA3
Power Supply	Source				Outdoor power supply					
	Outdoor (V/Phase/Hz)				230 / Single / 50					
	Indoor (V/Phase/Hz)				–					
Cooling	Capacity	Rated		kW	5.0	5.7	7.1	9.4	12.3	13.6
		Min - Max		kW	1.1 - 5.6	1.1 - 6.3	0.9 - 8.1	4.9 - 11.2	5.5 - 14.0	5.5 - 15.0
	Total Input	Rated		kW	1.660	1.770	2.210	3.130	4.090	4.840
	EER				3.01	3.22	3.21	3.00	3.01	2.81
		EEL Rank			-	-	-	-	-	-
Heating	Capacity	Rated		kW	5.5	6.9	7.9	11.2	14.0	16.0
		Min - Max		kW	0.9 - 6.6	0.9 - 8.0	0.9 - 10.2	4.5 - 12.5	5.0 - 16.0	5.0 - 18.0
	Total Input	Rated		kW	1.710	2.020	2.320	3.280	4.120	4.690
	COP				3.22	3.42	3.41	3.41	3.40	3.41
		EEL Rank			-	-	-	-	-	-
Operating Current (max)					16.4	16.4	16.4	28.7	28.8	30.4
Indoor Unit	Input	Rated		kW	0.050	0.060	0.060	0.090	0.110	0.140
	Operating Current (max)			A	0.37	0.39	0.42	0.65	0.76	0.90
	Dimensions	H x W x D		mm	230 - 960 - 680	230 - 1280 - 680	230 - 1280 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680
	Weight			kg	25	32	32	36	38	39
	Air Volume [Lo-Mi2-Mi-Hi]			m^3/min	10 - 11 - 13 - 15	15 - 16 - 17 - 19	16 - 17 - 18 - 20	22 - 24 - 26 - 28	23 - 25 - 27 - 29	24 - 26 - 29 - 32
	External Static Pressure			Pa	–	–	–	–	–	–
	Sound Level [Lo-Mi2-Mi-Hi]			dB(A)	32 - 34 - 37 - 40	33 - 35 - 37 - 40	35 - 37 - 39 - 41	37 - 39 - 41 - 43	39 - 41 - 43 - 45	41 - 43 - 45 - 48
	Breaker Size			A	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D		mm	850 - 840 - 330	850 - 840 - 330	850 - 840 - 330	943 - 950 - 330	1350 - 950 - 330	1350 - 950 - 330
	Weight			kg	53	53	58	75	99	99
	Air Volume	Cooling	Rated	m^3/min	49.0	49.0	49.0	60.0	100.0	100.0
		Heating	Rated	m^3/min	49.0	49.0	49.0	60.0	100.0	100.0
	Sound Level	Cooling - Silent	Rated	dB(A)	53	53	53	50 - 47	51 - 48	52 - 49
		Heating	Rated	dB(A)	55	55	55	54	55	56
	Operating Current (max)			A	16.0	16.0	16.0	28.0	28.0	29.5
	Breaker Size			A	20	20	20	32	32	40
Ext. Piping	Diameter	Liquid / Gas		mm	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In		m	30	30	30	50	50	50
	Max. Height	Out-In		m	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling		℃	-15 ~ +43	-15 ~ +43	-15 ~ +43	-5 ~ +46*	-5 ~ +46*	-5 ~ +46*
		Heating		℃	-10 ~ +24	-10 ~ +24	-10 ~ +24	-15 ~ +21	-15 ~ +21	-15 ~ +21

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PCH-P KA SERIES
FIXED – SPEED

Type					Fixed - Speed					
Indoor Unit					PCA-RP71KA		PCA-RP100KA		PCA-RP125KA	PCA-RP140KA
Outdoor Unit					PUH-P71VHA	PUH-P71YHA	PUH-P100VHA	PUH-P100YHA	PUH-P125YHA	PUH-P140YHA
Power Supply	Source				Outdoor power supply					
	Outdoor (V/Phase/Hz)				VHA:230 / Single / 50, YHA:400 / Three / 50					
	Indoor (V/Phase/Hz)				–					
Cooling	Capacity	Rated		kW	8.0	8.0	10.0	10.0	12.3	14.0
	Total Input	Rated		kW	2.850	2.850	3.560	3.560	4.380	5.360
	EER				2.81	2.81	2.81	2.81	2.81	2.61
		EEL Rank			–	–	–	–	–	–
Heating	Capacity	Rated		kW	9.0	9.0	11.5	11.5	14.3	17.0
	Total Input	Rated		kW	2.800	2.800	3.370	3.370	4.450	5.220
	COP				3.21	3.21	3.41	3.41	3.21	3.26
		EEL Rank			–	–	–	–	–	–
Operating Current (max)					23.9	8.2	29.2	10.1	13.4	16.5
Indoor Unit	Input	Rated		kW	0.060	0.060	0.090	0.090	0.110	0.140
	Operating Current (max)			A	0.42	0.42	0.65	0.65	0.76	0.90
	Dimensions	H x W x D		mm	230 - 1280 - 680	230 - 1280 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680
	Weight			kg	32	32	36	36	38	39
	Air Volume [Lo-Mi2-Mi-Hi]			m^3/min	16 - 17 - 18 - 20	16 - 17 - 18 - 20	22 - 24 - 26 - 28	22 - 24 - 26 - 28	23 - 25 - 27 - 29	24 - 26 - 29 - 32
	External Static Pressure			Pa	–	–	–	–	–	–
	Sound Level [Lo-Mi2-Mi-Hi]			dB(A)	35 - 37 - 39 - 41	35 - 37 - 39 - 41	37 - 39 - 41 - 43	37 - 39 - 41 - 43	39 - 41 - 43 - 45	41 - 43 - 45 - 48
	Breaker Size			A	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)
	Weight			kg	93	93	94	94	131	131
	Air Volume	Cooling	Rated	m^3/min	55.0	55.0	65.0	65.0	100.0	100.0
		Heating	Rated	m^3/min	55.0	55.0	65.0	65.0	100.0	100.0
	Sound Level	Cooling	Rated	dB(A)	49	49	50	50	50	51
		Heating	Rated	dB(A)	50	50	52	52	52	53
	Operating Current (max)			A	23.5	7.8	28.5	9.4	12.6	15.6
	Breaker Size			A	32	16	32	16	25	25
Ext. Piping	Diameter	Liquid / Gas		mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In		m	50	50	50	50	50	50
	Max. Height	Out-In		m	50	50	50	50	50	50
Guaranteed Operating Range [Outdoor]		Cooling*		℃	-5 ~ +46					
		Heating		℃	-11 ~ +24					

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PC-P KA SERIES
FIXED – SPEED COOLING ONLY

Type					Fixed - Speed					
Indoor Unit					PCA-RP71KA		PCA-RP100KA		PCA-RP125KA	PCA-RP140KA
Outdoor Unit					PU-P71VHA	PU-P71YHA	PU-P100VHA	PU-P100YHA	PU-P125YHA	PU-P140YHA
Power Supply	Source				Outdoor power supply					
	Outdoor (V/Phase/Hz)				VHA:230 / Single / 50, YHA:400 / Three / 50					
	Indoor (V/Phase/Hz)				–					
Cooling	Capacity	Rated		kW	8.0	8.0	10.0	10.0	12.3	14.0
	Total Input	Rated		kW	2.850	2.850	3.560	3.560	4.380	5.360
	EER				2.81	2.81	2.81	2.81	2.81	2.61
		EEL Rank			–	–	–	–	–	–
Operating Current (max)					23.9	8.2	29.2	10.1	13.4	16.5
Indoor Unit	Input	Rated		kW	0.060	0.060	0.090	0.090	0.110	0.140
	Operating Current (max)			A	0.42	0.42	0.65	0.65	0.76	0.90
	Dimensions	H x W x D		mm	230 - 1280 - 680	230 - 1280 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680
	Weight			kg	32	32	36	36	38	39
	Air Volume [Lo-Mi2-Mi-Hi]			m^3/min	16 - 17 - 18 - 20	16 - 17 - 18 - 20	22 - 24 - 26 - 28	22 - 24 - 26 - 28	23 - 25 - 27 - 29	24 - 26 - 29 - 32
	External Static Pressure			Pa	–	–	–	–	–	–
	Sound Level [Lo-Mi2-Mi-Hi]			dB(A)	35 - 37 - 39 - 41	35 - 37 - 39 - 41	37 - 39 - 41 - 43	37 - 39 - 41 - 43	39 - 41 - 43 - 45	41 - 43 - 45 - 48
	Breaker Size			A	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)
	Weight			kg	93	93	94	94	131	131
	Air Volume	Cooling	Rated	m^3/min	55.0	55.0	65.0	65.0	100.0	100.0
	Sound Level	Cooling	Rated	dB(A)	49	49	50	50	50	51
	Operating Current (max)			A	23.5	7.8	28.5	9.4	12.6	15.6
	Breaker Size			A	32	16	32	16	25	25
Ext. Piping	Diameter	Liquid / Gas		mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In		m	50	50	50	50	50	50
	Max. Height	Out-In		m	50	50	50	50	50	50
Guaranteed Operating Range [Outdoor]		Cooling*		℃	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PCA–HA SERIES


PCA-RP71/125HA

Standard features include a strong carbon-black stainless steel body and built-in oil mist filter to prevent oil from getting into the unit. Perfect for providing a comfortable air conditioning environment in kitchens that use open-flame cooking.

Tough on Oily Smoke

A durable stainless steel casing that is resistant to oil and grease is provided to protect the surface of the body. Grimy dirt and stains are removed easily, enabling the unit to be kept clean at all times.

High-performance Oil Mist Filter

A high-performance heavy-duty oil mist filter is included as standard equipment. The filtering system is more efficient than conventional filters, thereby effectively reducing the oily smoke entering the air conditioner. The filter is disposable, thereby enabling trouble-free cleaning and maintenance.

Oil Mist Filter Cleaning

When used in kitchens, the oil mist filter should be replaced once every two months. The system comes with 12 filters elements. After these have been used, optional elements (PAC-SG38KF-E) can be purchased.

Oil mist filter

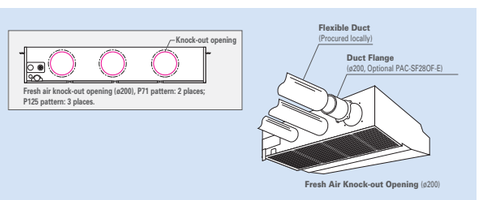
Pull the handle to easily slide the filter out

Easy Maintenance – Even for Cleaning the Fan

A separate fan casing that can be disassembled in sections is adopted to ensure easy fan cleaning. Drain pan cleaning onsite is also no problem owing to the use of a pipe connector that is easily removed.

Fresh Outside-air Intake (Option)

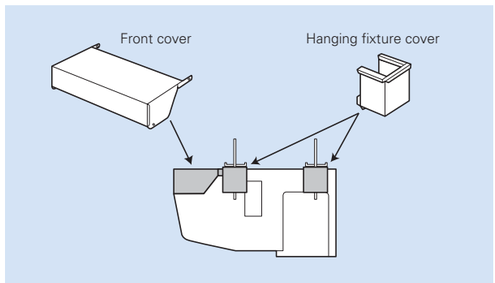
There is a knock-out opening on the rear panel of the unit that can be used to bring fresh air into the unit. This helps to improve ventilation and make the kitchen comfortable.



Notes: 1) A fresh-air duct flange is required (sold separately)
2) All fresh Outdoor-air Intake option is not available.

Cosmetic Front and Hanging Fixture Covers (Option)

Cosmetic covers are available to prevent the collection of dust and grime on the main body and hanging fixture sections.



SERIES SELECTION

Power Inverter Series

Indoor Unit


PCA-RP71/125

Outdoor Unit

For Single


PUHZ-RP71


PUHZ-RP125

For Multi (Twin/Triple)


PUHZ-RP140/250

Remote Controller

Standard Inverter Series

Indoor Unit


PCA-RP71/125

Outdoor Unit

For Single


PUHZ-P125

For Multi (Twin/Triple)


PUHZ-P140/250

Remote Controller

Fixed-speed Series (Heat pump)

Indoor Unit


PCA-RP71/125

Outdoor Unit

For Single


PUH-P71


PUH-P125

For Multi (Twin)


PUH-P140

Remote Controller

Fixed-speed Series (Cooling only)

Indoor Unit


PCA-RP71/125

Outdoor Unit

For Single


PU-P71


PU-P125

For Multi (Twin)


PU-P140

Remote Controller

PCZ-RP HA Indoor Unit Combinations

Indoor unit combinations shown below are possible.

Indoor Unit Combination		Outdoor Unit Capacity																			
		For Single									For Twin						For Triple			For Quadruple	
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power Inverter (PUHZ-RP)		–	–	–	71x1	–	125x1	–	–	–	–	–	–	71x2	–	125x2	–	–	71x3	–	–
	Distribution Pipe	–	–	–	–	–	–	–	–	–	–	–	–	MSDD-50SR-E	–	MSDD-50WR-E	–	–	MSDT-111R-E	–	–
Standard Inverter (PUHZ-P&SUZ)		–	–	–	–	–	125x1	–	–	–	–	–	–	71x2	–	125x2	–	–	71x3	–	–
	Distribution Pipe	–	–	–	–	–	–	–	–	–	–	–	–	MSDD-50SR-E	–	MSDD-50WR-E	–	–	MSDT-111R-E	–	–
Fixed-speed (PUH-P&PU-P)		–	–	–	71x1	–	125x1	–	–	–	–	–	–	71x2	–	–	–	–	–	–	–
	Distribution Pipe	–	–	–	–	–	–	–	–	–	–	–	–	MSDD-50SR-E	–	–	–	–	–	–	–

PCZ-RP HA SERIES
POWER INVERTER

Demand Control (Optional) · Fresh-air Intake · Oil Mist Filter · Check! · ACO · Auto Restart · Low Temp Cooling · Silent · 71-140V/200/250 Ampere Limit · Rotation Back-up · Centralised On/Off (Optional) · Group Control · M-NET connection (Optional) · COMPO · Cleaning of the pipe required · Wiring Reuse (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type					Inverter Heat Pump		
Indoor Unit					PCA-RP71HA	PCA-RP125HA	
Outdoor Unit					PUHZ-RP71VHA4	PUHZ-RP125VKA	PUHZ-RP125YKA
Power Supply	Source				Outdoor power supply		
	Outdoor (V/Phase/Hz)				VHA:230 / Single / 50, YKA:400 / Three / 50		
	Indoor (V/Phase/Hz)				–		
Cooling	Capacity	Rated		kW	7.1	12.5	12.5
		Min - Max		kW	3.3 - 8.1	5.5 - 14.0	5.5 - 14.0
	Total Input	Rated		kW	2.210	3.880	3.880
	EER				3.21	3.22	3.22
		EEL Rank			A	A	A
Heating	Capacity	Rated		kW	7.6	13.8	13.8
		Min - Max		kW	3.5 - 10.2	5.0 - 16.0	5.0 - 16.0
	Total Input	Rated		kW	2.230	4.050	4.050
	COP				3.41	3.41	3.41
		EEL Rank			B	B	B
Operating Current (max)					19.4	27.7	10.7
Indoor Unit	Input	Rated		kW	0.090	0.260	0.260
	Operating Current (max)			A	0.43	1.19	1.19
	Dimensions	H x W x D		mm	280 - 1136 - 650	280 - 1520 - 650	280 - 1520 - 650
	Weight			kg	41	56	56
	Air Volume [Lo-Hi]			m^3/min	17.0 - 19.0	30.0 - 38.0	30.0 - 38.0
	External Static Pressure			Pa	–	–	–
	Sound Level [Lo-Hi]			dB(A)	34 - 38	44 - 50	44 - 50
	Breaker Size			A	–	–	–
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	1338 - 1050 - 330 (+30)	1338 - 1050 - 330(+30)
	Weight			kg	67	116	126
	Air Volume	Cooling	Rated	m^3/min	60.0	120.0	120.0
		Heating	Rated	m^3/min	60.0	120.0	120.0
	Sound Level	Cooling - Silent	Rated	dB(A)	47 - 44	50 - 47	50 - 47
		Heating	Rated	dB(A)	48	52	52
	Operating Current (max)			A	19.0	26.5	9.5
	Breaker Size			A	25	32	16
Ext. Piping	Diameter	Liquid / Gas		mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In		m	50	75	75
	Max. Height	Out-In		m	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling *		℃	-5 ~ +46		
		Heating		℃	-20 ~ +21		

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PCZ-P HA SERIES
STANDARD INVERTER

Demand Control (Optional) · Fresh-air Intake · Oil Mist Filter · Check! · ACO · Auto Restart · Low Temp Cooling · Silent · Rotation Back-up · Centralised On/Off (Optional) · Group Control · M-NET connection (Optional) · COMPO · Wiring Reuse (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type					Inverter Heat Pump
Indoor Unit					PCA-RP125HA
Outdoor Unit					PUHZ-P125VHA3
Power Supply	Source				Outdoor power supply
	Outdoor (V/Phase/Hz)				230 / Single / 50
	Indoor (V/Phase/Hz)				–
Cooling	Capacity	Rated		kW	12.3
		Min - Max		kW	5.5 - 14.0
	Total Input	Rated		kW	4.380
	EER				2.81
		EEL Rank			C
Heating	Capacity	Rated		kW	13.8
		Min - Max		kW	5.0 - 16.0
	Total Input	Rated		kW	4.300
	COP				3.21
		EEL Rank			C
Operating Current (max)					29.2
Indoor Unit	Input	Rated		kW	0.260
	Operating Current (max)			A	1.19
	Dimensions	H x W x D		mm	280 - 1520 - 650
	Weight			kg	56
	Air Volume [Lo-Hi]			m^3/min	30.0 - 38.0
	External Static Pressure			Pa	–
	Sound Level [Lo-Hi]			dB(A)	44 - 50
	Breaker Size			A	–
Outdoor Unit	Dimensions	H x W x D		mm	1350 - 950 - 330(+30)
	Weight			kg	99
	Air Volume	Cooling	Rated	m^3/min	100.0
		Heating	Rated	m^3/min	100.0
	Sound Level	Cooling - Silent	Rated	dB(A)	51 - 48
		Heating	Rated	dB(A)	55
	Operating Current (max)			A	28.0
	Breaker Size			A	32
Ext. Piping	Diameter	Liquid / Gas		mm	9.52 / 15.88
	Max. Length	Out-In		m	50
	Max. Height	Out-In		m	30
Guaranteed Operating Range [Outdoor]		Cooling *		℃	-5 ~ +46
		Heating		℃	-15 ~ +21

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PCH-P HA SERIES
FIXED – SPEED

Fresh-air Intake · Oil Mist Filter · Check! · ACO · Auto Restart · Low Temp Cooling · Rotation Back-up · Centralised On/Off (Optional) · Group Control · M-NET connection (Optional) · COMPO · Wiring Reuse (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type					Fixed - Speed		
Indoor Unit					PCA-RP71HA		PCA-RP125HA
Outdoor Unit					PUH-P71VHA	PUH-P71YHA	PUH-P125YHA
Power Supply	Source				Outdoor power supply		
	Outdoor (V/Phase/Hz)				VHA:230 / Single / 50, YHA:400 / Three / 50		
	Indoor (V/Phase/Hz)				–		
Cooling	Capacity	Rated		kW	7.5	7.5	12.3
	Total Input	Rated		kW	2.790	2.790	4.550
	EER				2.69	2.69	2.70
		EEL Rank			-	-	-
Heating	Capacity	Rated		kW	8.9	8.9	14.3
	Total Input	Rated		kW	2.850	2.850	5.010
	COP				3.12	3.12	2.85
		EEL Rank			-	-	-
Operating Current (max)					23.9	8.2	13.8
Indoor Unit	Input	Rated		kW	0.090	0.090	0.260
	Operating Current (max)			A	0.43	0.43	1.19
	Dimensions	H x W x D		mm	280 - 1136 - 650	280 - 1136 - 650	280 - 1520 - 650
	Weight			kg	41	41	56
	Air Volume [Lo-Hi]			m^3/min	17.0 - 19.0	17.0 - 19.0	30.0 - 38.0
	External Static Pressure			Pa	–	–	–
	Sound Level [Lo-Hi]			dB(A)	34 - 38	34 - 38	44 - 50
	Breaker Size			A	–	–	–
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1350 - 950 - 330(+30)
	Weight			kg	93	93	131
	Air Volume	Cooling	Rated	m^3/min	55.0	55.0	100.0
		Heating	Rated	m^3/min	55.0	55.0	100.0
	Sound Level	Cooling	Rated	dB(A)	49	49	50
		Heating	Rated	dB(A)	50	50	52
	Operating Current (max)			A	23.5	7.8	12.6
	Breaker Size			A	32	16	25
Ext. Piping	Diameter	Liquid / Gas		mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In		m	50	50	50
	Max. Height	Out-In		m	50	50	50
Guaranteed Operating Range [Outdoor]		Cooling *		℃	-5 ~ +46		
		Heating		℃	-11 ~ +24		

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PC-P HA SERIES
FIXED – SPEED COOLING ONLY

Fresh-air Intake · Oil Mist Filter · Check! · Auto Restart · Low Temp Cooling · Rotation Back-up · Centralised On/Off (Optional) · Group Control · M-NET connection (Optional) · COMPO · Wiring Reuse (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type					Fixed - Speed		
Indoor Unit					PCA-RP71HA		PCA-RP125HA
Outdoor Unit					PU-P71VHA	PU-P71YHA	PU-P125YHA
Power Supply	Source				Outdoor power supply		
	Outdoor (V/Phase/Hz)				VHA:230 / Single / 50, YHA:400 / Three / 50		
	Indoor (V/Phase/Hz)				–		
Cooling	Capacity	Rated		kW	7.5	7.5	12.3
	Total Input	Rated		kW	2.790	2.790	4.550
	EER				2.69	2.69	2.70
		EEL Rank			-	-	-
Operating Current (max)					23.9	8.2	13.8
Indoor Unit	Input	Rated		kW	0.090	0.090	0.260
	Operating Current (max)			A	0.43	0.43	1.19
	Dimensions	H x W x D		mm	280 - 1136 - 650	280 - 1136 - 650	280 - 1520 - 650
	Weight			kg	41	41	56
	Air Volume [Lo-Hi]			m^3/min	17.0 - 19.0	17.0 - 19.0	30.0 - 38.0
	External Static Pressure			Pa	–	–	–
	Sound Level [Lo-Hi]			dB(A)	34 - 38	34 - 38	44 - 50
	Breaker Size			A	–	–	–
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1350 - 950 - 330(+30)
	Weight			kg	93	93	131
	Air Volume	Cooling	Rated	m^3/min	55.0	55.0	100.0
	Sound Level	Cooling	Rated	dB(A)	49	49	50
	Operating Current (max)			A	23.5	7.8	12.6
	Breaker Size			A	32	16	25
Ext. Piping	Diameter	Liquid / Gas		mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In		m	50	50	50
	Max. Height	Out-In		m	50	50	50
Guaranteed Operating Range [Outdoor]		Cooling *		℃	-5 ~ +46	-5 ~ +46	-5 ~ +46

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

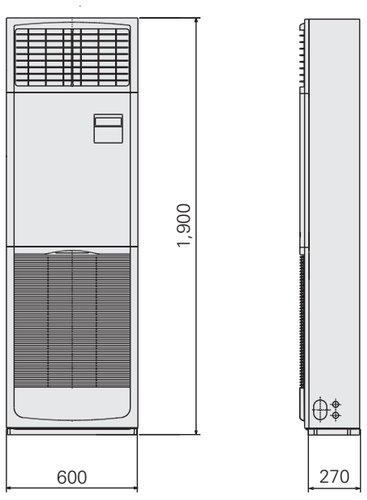
PSA SERIES

Installation of this floor-standing series is easy and quick.
An excellent choice when there is a sudden need for an air conditioner to be installed.

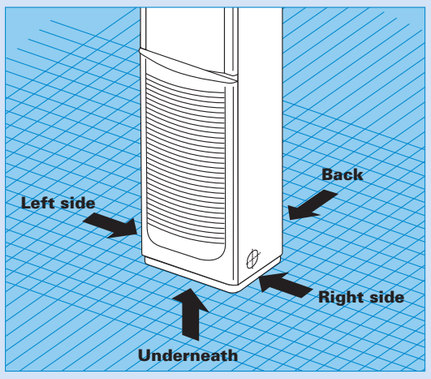
Quick and Easy Installation, Space-saving and Design That Compliments Any Interior

The floor-standing indoor unit is mounted on the floor, enabling quick installation. Its compact body requires only minimal space.

● PSA-RP71GA



4-way pipe work connections enable greater freedom in installation
Remarkable freedom in choosing installation sites is allowed by providing piping connection to the indoor unit in four places: left side, back, from underneath and on the right side of the unit. Even installation in the corner of a room is easy.



Built-in Remote Controller

Easy Operation with Built-in PAR-21MAA Remote Controller
Icon, letter and number visibility are improved with the adoption of a dot-matrix LCD, and operation management functions have been increased. (For details, refer to pages 21-22.)

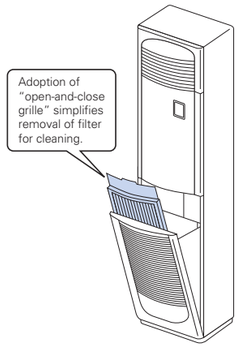
Main Functions

- Multi-language Display
- Limited Temperature Range Setting
- Auto-off Timer
- Operation Lock
- Weekly Timer

*For details, please refer to pages 21-22.

Low Maintenance

Long-life Filter as Standard Equipment
Indoor units are equipped with a long-life filter that has a maximum service life of 2,500 hours (based on use under average office conditions). Filter cleaning is drastically reduced. Furthermore, the adoption of an "open-and-close grille" makes it easy to take the filter out to clean off dust and particulates.



SERIES SELECTION

Power Inverter Series

Indoor Unit

PSA-RP71/100/125/140

Outdoor Unit

For Single

PUHZ-RP71

PUHZ-RP100/125/140

For Multi (Twin/Triple)

PUHZ-RP140/200/250

Built-in Controller

Standard Inverter Series

Indoor Unit

PSA-RP71/100/125/140

Outdoor Unit

For Single

PUHZ-P100

PUHZ-P125/140

For Multi (Twin/Triple)

PUHZ-P140/200/250

Built-in Controller

Fixed-speed Series (Heat pump)

Indoor Unit

PSA-RP71/100/125/140

Outdoor Unit

For Single

PUH-P71/100

PUH-P125/140

For Multi (Twin)

PUH-P140

Built-in Controller

Fixed-speed Series (Cooling only)

Indoor Unit

PSA-RP71/100/125/140

Outdoor Unit

For Single

PU-P71/100

PU-P125/140

For Multi (Twin)

PU-P140

Built-in Controller

PSZ-RP GA Indoor Unit Combinations

Indoor unit combinations shown below are possible.

Indoor Unit Combination		Outdoor Unit Capacity																				
		For Single									For Twin						For Triple			For Quadruple	
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power Inverter (PUHZ-RP)		–	–	–	71x1	100x1	125x1	140x1	–	–	–	–	–	71x2	100x2	125x2	–	–	71x3	–	–
	Distribution Pipe	–	–	–	–	–	–	–	–	–	–	–	–	MSDD-50SR-E	MSDD-50WR-E		–	–	MSDT-111R-E	–	–
Standard Inverter (PUHZ-P&SUZ)		–	–	–	–	100x1	125x1	140x1	–	–	–	–	–	71x2	100x2	125x2	–	–	71x3	–	–
	Distribution Pipe	–	–	–	–	–	–	–	–	–	–	–	–	MSDD-50SR-E	MSDD-50WR-E		–	–	MSDT-111R-E	–	–
Fixed-speed (PUH-P&PU-P)		–	–	–	71x1	100x1	125x1	140x1	–	–	–	–	–	71x2	–	–	–	–	–	–	–
	Distribution Pipe	–	–	–	–	–	–	–	–	–	–	–	–	MSDD-50SR-E	–	–	–	–	–	–	–

PSZ-RP SERIES
POWER INVERTER

Demand Control (Optional) · Pure White · Long Life · Check! · SWING · ACO · Auto Restart · Low Temp Cooling · Silent · Ampere Limit · Centralised On/Off (Optional) · Group Control (Optional) · M-NET connection (Optional) · COMPO · Cleaning-free, pipe reuse · Wiring Reuse (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type				Inverter Heat Pump						
Indoor Unit				PSA-RP71GA	PSA-RP100GA		PSA-RP125GA		PSA-RP140GA	
Outdoor Unit				PUHZ-RP71VHA4	PUHZ-RP100VKA	PUHZ-RP100YKA	PUHZ-RP125VKA	PUHZ-RP125YKA	PUHZ-RP140VKA	PUHZ-RP140YKA
Power Supply	Source			Outdoor power supply						
	Outdoor (V/Phase/Hz)			VHA • VKA:230 / Single / 50, YKA:400 / Three / 50						
	Indoor (V/Phase/Hz)			–						
Cooling	Capacity	Rated	kW	7.1	10.0	10.0	12.4	12.4	13.8	13.8
		Min - Max	kW	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.3	6.2 - 15.3
	Total Input	Rated	kW	2.200	2.990	2.990	4.120	4.120	4.910	4.910
	EER			3.23	3.34	3.34	3.01	3.01	2.81	2.81
		EEL Rank		A	A	A	B	B	C	C
Heating	Capacity	Rated	kW	7.6	11.2	11.2	14.0	14.0	16.0	16.0
		Min - Max	kW	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0	5.7 - 18.0
	Total Input	Rated	kW	2.230	3.280	3.280	4.110	4.110	4.970	4.970
	COP			3.41	3.41	3.41	3.41	3.41	3.22	3.22
		EEL Rank		B	B	B	B	B	C	C
Operating Current (max)				19.7	27.6	9.1	27.7	10.7	29.6	12.6
Indoor Unit	Input	Rated	kW	0.150	0.240	0.240	0.280	0.280	0.360	0.360
	Operating Current (max)		A	0.66	1.06	1.06	1.23	1.23	1.59	1.59
	Dimensions	H x W x D	mm	1900 - 600 - 270	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350
	Weight		kg	43	51	51	51	51	53	53
	Air Volume [Lo-Hi]		m^3/min	15.0 - 18.0	24.0 - 31.0	24.0 - 31.0	26.0 - 33.0	26.0 - 33.0	27.0 - 35.0	27.0 - 35.0
	External Static Pressure		Pa	–	–	–	–	–	–	–
	Sound Level [Lo-Hi]		dB(A)	40 - 45	44 - 49	44 - 49	46 - 51	46 - 51	47 - 52	47 - 52
	Breaker Size		A	–	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D	mm	943 - 950 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)
	Weight		kg	67	116	124	116	126	118	132
	Air Volume	Cooling Rated	m^3/min	60.0	110.0	110.0	120.0	120.0	120.0	120.0
		Heating Rated	m^3/min	60.0	110.0	110.0	120.0	120.0	120.0	120.0
	Sound Level	Cooling - Silent Rated	dB(A)	47 - 44	49 - 46	49 - 46	50 - 47	50 - 47	50 - 47	50 - 47
		Heating Rated	dB(A)	48	51	51	52	52	52	52
	Operating Current (max)		A	19.0	26.5	8.0	26.5	9.5	28.0	11.0
	Breaker Size		A	25	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In	m	50	75	75	75	75	75	75
	Max. Height	Out-In	m	30	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*	℃	-5 ~ +46						
		Heating	℃	-20 ~ +21						

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PSZ-P SERIES
STANDARD INVERTER

Demand Control (Optional) · Pure White · Long Life · Check! · SWING · ACO · Auto Restart · Low Temp Cooling · Silent · Centralised On/Off (Optional) · Group Control (Optional) · M-NET connection (Optional) · COMPO · Wiring Reuse (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type				Inverter Heat Pump		
Indoor Unit				PSA-RP100GA	PSA-RP125GA	PSA-RP140GA
Outdoor Unit				PUHZ-P100VHA3	PUHZ-P125VHA3	PUHZ-P140VHA3
Power Supply	Source			Outdoor power supply		
	Outdoor (V/Phase/Hz)			230 / Single / 50		
	Indoor (V/Phase/Hz)			–		
Cooling	Capacity	Rated	kW	9.4	12.3	13.6
		Min - Max	kW	4.9 - 11.2	5.5 - 14.0	5.5 - 15.0
	Total Input	Rated	kW	3.120	4.380	5.640
	EER			3.01	2.81	2.41
		EEL Rank		B	C	E
Heating	Capacity	Rated	kW	11.2	14.0	16.0
		Min - Max	kW	4.5 - 12.5	5.0 - 16.0	5.0 - 18.0
	Total Input	Rated	kW	3.280	4.980	5.690
	COP			3.41	2.81	2.81
		EEL Rank		B	D	D
Operating Current (max)				29.1	29.2	31.1
Indoor Unit	Input	Rated	kW	0.240	0.280	0.360
	Operating Current (max)		A	1.06	1.23	1.59
	Dimensions	H x W x D	mm	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350
	Weight		kg	51	51	53
	Air Volume [Lo-Hi]		m^3/min	24.0 - 31.0	26.0 - 33.0	27.0 - 35.0
	External Static Pressure		Pa	–	–	–
	Sound Level [Lo-Hi]		dB(A)	44 - 49	46 - 51	47 - 52
	Breaker Size		A	–	–	–
Outdoor Unit	Dimensions	H x W x D	mm	943 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)
	Weight		kg	75	99	99
	Air Volume	Cooling Rated	m^3/min	60.0	100.0	100.0
		Heating Rated	m^3/min	60.0	100.0	100.0
	Sound Level	Cooling - Silent Rated	dB(A)	50 - 47	51 - 48	52 - 49
		Heating Rated	dB(A)	54	55	56
	Operating Current (max)		A	28	28	29.5
	Breaker Size		A	32	32	40
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In	m	50	50	50
	Max. Height	Out-In	m	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*	℃	-5 ~ +46		
		Heating	℃	-15 ~ +21		

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PSH-P SERIES
FIXED - SPEED

Pure White · Long Life · Check! · SWING · ACO · Auto Restart · Low Temp Cooling · Centralised On/Off (Optional) · Group Control (Optional) · M-NET connection (Optional) · COMPO · Wiring Reuse (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type				Fixed - Speed					
Indoor Unit				PSA-RP71GA		PSA-RP100GA		PSA-RP125GA	PSA-RP140GA
Outdoor Unit				PUH-P71VHA	PUH-P71YHA	PUH-P100VHA	PUH-P100YHA	PUH-P125YHA	PUH-P140YHA
Power Supply	Source			Outdoor power supply					
	Outdoor (V/Phase/Hz)			VHA:230 / Single / 50, YHA:400 / Three / 50					
	Indoor (V/Phase/Hz)			–					
Cooling	Capacity	Rated	kW	7.6	7.6	10.0	10.0	12.3	14.0
	Total Input	Rated	kW	2.880	2.880	3.660	3.660	4.540	5.530
	EER			2.64	2.64	2.73	2.73	2.71	2.53
		EEL Rank		-	-	-	-	-	-
Heating	Capacity	Rated	kW	9.0	9.0	11.5	11.5	14.3	17.0
	Total Input	Rated	kW	2.850	2.850	3.420	3.420	4.410	5.470
	COP			3.16	3.16	3.36	3.36	3.24	3.11
		EEL Rank		-	-	-	-	-	-
Operating Current (max)				24.2	8.5	29.6	10.5	13.8	17.2
Indoor Unit	Input	Rated	kW	0.150	0.150	0.240	0.240	0.280	0.360
	Operating Current (max)		A	0.66	0.66	1.06	1.06	1.23	1.59
	Dimensions	H x W x D	mm	1900 - 600 - 270	1900 - 600 - 270	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350
	Weight		kg	43	43	51	51	51	53
	Air Volume [Lo-Hi]		m^3/min	15.0 - 18.0	15.0 - 18.0	24.0 - 31.0	24.0 - 31.0	26.0 - 33.0	27.0 - 35.0
	External Static Pressure		Pa	–	–	–	–	–	–
	Sound Level [Lo-Hi]		dB(A)	40 - 45	40 - 45	44 - 49	44 - 49	46 - 51	47 - 52
	Breaker Size		A	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D	mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)
	Weight		kg	93	93	94	94	131	131
	Air Volume	Cooling Rated	m^3/min	55.0	55.0	65.0	65.0	100.0	100.0
		Heating Rated	m^3/min	55.0	55.0	65.0	65.0	100.0	100.0
	Sound Level	Cooling Rated	dB(A)	49	49	50	50	50	51
		Heating Rated	dB(A)	50	50	52	52	52	53
	Operating Current (max)		A	23.5	7.8	28.5	9.4	12.6	15.6
	Breaker Size		A	32	16	32	16	25	25
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In	m	50	50	50	50	50	50
	Max. Height	Out-In	m	50	50	50	50	50	50
Guaranteed Operating Range [Outdoor]		Cooling*	℃	-5 ~ +46					
		Heating	℃	-11 ~ +24					

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PS-P SERIES
FIXED - SPEED COOLING ONLY

Pure White · Long Life · Check! · SWING · Auto Restart · Low Temp Cooling · Centralised On/Off (Optional) · Group Control (Optional) · M-NET connection (Optional) · COMPO · Wiring Reuse (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type				Fixed - Speed					
Indoor Unit				PSA-RP71GA		PSA-RP100GA		PSA-RP125GA	PSA-RP140GA
Outdoor Unit				PU-P71VHA	PU-P71YHA	PU-P100VHA	PU-P100YHA	PU-P125YHA	PU-P140YHA
Power Supply	Source			Outdoor power supply					
	Outdoor (V/Phase/Hz)			VHA:230 / Single / 50, YHA:400 / Three / 50					
	Indoor (V/Phase/Hz)			–					
Cooling	Capacity	Rated	kW	7.6	7.6	10.0	10.0	12.3	14.0
	Total Input	Rated	kW	2.880	2.880	3.660	3.660	4.540	5.530
	EER			2.64	2.64	2.73	2.73	2.71	2.53
		EEL Rank		-	-	-	-	-	-
Operating Current (max)				24.2	8.5	29.6	10.5	13.8	17.2
Indoor Unit	Input	Rated	kW	0.150	0.150	0.240	0.240	0.280	0.360
	Operating Current (max)		A	0.66	0.66	1.06	1.06	1.23	1.59
	Dimensions	H x W x D	mm	1900 - 600 - 270	1900 - 600 - 270	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350	1900 - 600 - 350
	Weight		kg	43	43	51	51	51	53
	Air Volume [Lo-Hi]		m^3/min	15.0 - 18.0	15.0 - 18.0	24.0 - 31.0	24.0 - 31.0	26.0 - 33.0	27.0 - 35.0
	External Static Pressure		Pa	–	–	–	–	–	–
	Sound Level [Lo-Hi]		dB(A)	40 - 45	40 - 45	44 - 49	44 - 49	46 - 51	47 - 52
	Breaker Size		A	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D	mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)
	Weight		kg	93	93	94	94	131	131
	Air Volume	Cooling Rated	m^3/min	55.0	55.0	65.0	65.0	100.0	100.0
	Sound Level	Cooling Rated	dB(A)	49	49	50	50	50	51
	Operating Current (max)		A	23.5	7.8	28.5	9.4	12.6	15.0
	Breaker Size		A	32	16	32	16	25	25
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In	m	50	50	50	50	50	50
	Max. Height	Out-In	m	50	50	50	50	50	50
Guaranteed Operating Range [Outdoor]		Cooling*	℃	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PEAD SERIES

PEAD-RP35/50/60/71/100/125/140

The thin, ceiling-concealed indoor units of this series are the perfect answer for the air conditioning needs of buildings with minimum ceiling installation space and wide-ranging external static pressure. Energy-saving efficiency has been improved, reducing electricity consumption and contributing to a further reduction in operating cost.

Compact Indoor Units

The height of the models from 35–140 has been unified to 250mm. Compared to the previous PEAD-RP EA model, the height has been reduced by as much as 75mm (models 100–140), making installation in low ceilings with minimal clearance space possible.

PEAD-RP JA (L)

Reduction of **75mm** (models 100–140) compared to PEAD-EA

External Static Pressure

Five-stage external static pressure conversion is possible. Capable of being set to a maximum of 150Pa, units are applicable to a wide range of building types.

■External static pressure setting

Series	35	50	60	71	100	125	140
PEAD-RP EA	30/70Pa			70/130 (with optional motor) Pa			
PEAD-RP GA	–	–	10/50/70Pa			–	–
PEAD-RP JA	**35/50/70/100/150Pa**						

"Rank A" Energy Savings Achieved for All Models

Models in all capacity ranges have achieved the "Rank A" energy savings rating. This contributes to an impressive reduction in the cost of electricity.

■Previous Model: PEAD-RP EA (equipped with power inverter)

Capacity	35		50		60		71		100		125		140	
Energy Rank	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
	A	B	C	C	A	B	A	B	A	B	A	B	A	B

■New Model: PKA-RP JA (equipped with power inverter)

Capacity	35		50		60		71		100		125		140	
Energy Rank	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
	A	A	A	A	A	A	A	A	A	A	A	A	A	A

Drain Pump Option Available with All Models

The line-up consists of two types, models with or without a built-in drain pump.

PEAD-RP JA → Drain pump built-in

PEAD-RP JAL → No drain pump

✻Units with an "L" included at the end of the model name are not equipped with a drain pump.

SERIES SELECTION

Power Inverter Series

Indoor Unit

PEAD-RP35/50/60/71/100/125/140

Outdoor Unit

For Single

PUHZ-RP35/50 PUHZ-RP60/71 PUHZ-RP100/125/140

For Multi (Twin/Triple/Quadruple)

PUHZ-RP71 PUHZ-RP100/125/140/200/250

Remote Controller

Optional

DC Inverter, 35-71 Joint Lap, Vector Sine Wave, 100-250 DC Scroll, Rare Earth Magnet, DC Fan Motor, Vector-Wave, 35-140 PAM, Power Receiver, Grooved Piping, 35-71 EER A, 35-140 COP A

Standard Inverter Series

Indoor Unit

PEAD-RP35/50/60/71/100/125/140

Outdoor Unit

For Single

SUZ-KA35 SUZ-KA50/60/71 PUHZ-P100 PUHZ-P125/140

For Multi (Twin/Triple/Quadruple)

PUHZ-P100 PUHZ-P125/140/200/250

Remote Controller

Optional

DC Inverter, 35-71 Joint Lap, 100-250 Vector Sine Wave, 71-140 DC Rotary, 200/250 DC Scroll, Rare Earth Magnet, DC Fan Motor, 100-250 Vector-Wave, 35-140 PAM, Grooved Piping, 35 EER A, 35 COP A

Fixed-speed Series (Heat pump)

Indoor Unit

PEAD-RP35/50/60/71/100/125/140

Outdoor Unit

For Single

PUH-P71/100 PUH-P125/140

For Multi (Twin/Triple)

PUH-P71/100 PUH-P125/140

Remote Controller

Optional

100 Grooved Piping

Fixed-speed Series (Cooling only)

Indoor Unit

PEAD-RP35/50/60/71/100/125/140

Outdoor Unit

For Single

PU-P71/100 PU-P125/140

For Multi (Twin/Triple)

PU-P71/100 PU-P125/140

Remote Controller

Optional

100 Grooved Piping

PEAD-RP JA Indoor Unit Combinations

Indoor unit combinations shown below are possible.

Indoor Unit Combination		Outdoor Unit Capacity																				
		For Single									For Twin						For Triple			For Quadruple	
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power Inverter (PUHZ-RP)		35x1	50x1	60x1	71x1	100x1	125x1	140x1	–	–	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	–	–	–	–	–	–	–	–	–	MSDD-50SR-E				MSDD-50WR-E		MSDT-111R-E			MSDF-1111R-E	
Standard Inverter (PUHZ-P&SUZ)		35x1	50x1	60x1	71x1	100x1	125x1	140x1	–	–	–	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	–	–	–	–	–	–	–	–	–	–	MSDD-50SR-E			MSDD-50WR-E		MSDT-111R-E			MSDF-1111R-E	
Fixed-speed (PUH-P&PU-P)		–	–	–	71x1	100x1	125x1	140x1	–	–	35x2	50x2	60x2	71x2	–	–	50x3	–	–	–	–
	Distribution Pipe	–	–	–	–	–	–	–	–	–	MSDD-50SR-E				–	–	MSDT-111R-E	–	–	–	–

PEDZ-RP JA SERIES
POWER INVERTER

Type				Inverter Heat Pump									
Indoor Unit				PEAD-RP35JA(L)	PEAD-RP50JA(L)	PEAD-RP60JA(L)	PEAD-RP71JA(L)	PEAD-RP100JA(L)		PEAD-RP125JA(L)		PEAD-RP140JA(L)	
Outdoor Unit				PUHZ-RP35VHA4	PUHZ-RP50VHA4	PUHZ-RP60VHA4	PUHZ-RP71VHA4	PUHZ-RP100VKA	PUHZ-RP100YKA	PUHZ-RP125VKA	PUHZ-RP125YKA	PUHZ-RP140VKA	PUHZ-RP140YKA
Power Supply	Source			Outdoor power supply									
	Outdoor (V/Phase/Hz)			VHA • VKA:230 / Single / 50, YHA:400 / Three / 50									
	Indoor (V/Phase/Hz)			–									
Cooling	Capacity	Rated	kW	3.6	5.0	6.0	7.1	10.0	10.0	12.5	12.5	14.0	14.0
		Min - Max	kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.3	6.2 - 15.3
	Total Input	Rated	kW	1.02(1.00)	1.55(1.53)	1.60(1.58)	2.03(2.01)	2.77(2.75)	2.77(2.75)	3.86(3.84)	3.86(3.84)	4.36(4.34)	4.36(4.34)
	EER			3.53(3.60)	3.23(3.27)	3.75(3.80)	3.50(3.53)	3.61(3.64)	3.61(3.64)	3.24(3.26)	3.24(3.26)	3.21(3.23)	3.21(3.23)
		EEL Rank		A	A	A	A	A	A	A	A	A	A
Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0
		Min - Max	kW	1.6 - 5.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0	5.7 - 18.0
	Total Input	Rated	kW	1.100	1.560	1.750	2.000	2.720	2.720	3.500	3.500	4.040	4.040
	COP			3.73	3.85	4.00	4.00	4.12	4.12	4.00	4.00	3.96	3.96
		EEL Rank		A	A	A	A	A	A	A	A	A	A
Operating Current (max)				14.1	14.4	20.6	21.0	29.2	10.7	29.3	12.3	30.8	13.8
Indoor Unit	Input [Cooling / Heating]	Rated	kW	0.09(0.07) / 0.07	0.11(0.09) / 0.09	0.12(0.10) / 0.10	0.17(0.15) / 0.15	0.25(0.23) / 0.23	0.25(0.23) / 0.23	0.36(0.34) / 0.34	0.36(0.34) / 0.34	0.39(0.37) / 0.37	0.39(0.37) / 0.37
	Operating Current (max)		A	1.07	1.39	1.62	1.97	2.65	2.65	2.76	2.76	2.78	2.78
	Dimensions	H x W x D	mm	250 - 900 - 732	250 - 900 - 732	250 - 1100 - 732	250 - 1100 - 732	250 - 1400 - 732	250 - 1400 - 732	250 - 1400 - 732	250 - 1400 - 732	250 - 1600 - 732	250 - 1600 - 732
	Weight		kg	26(25)	28(27)	33(32)	33(32)	41(40)	41(40)	43(42)	43(42)	47(46)	47(46)
	Air Volume [Lo-Mid-Hi]		m^3/min	10.0 - 12.0 - 14.0	12.0 - 14.5 - 17.0	14.5 - 18.0 - 21.0	17.5 - 21.0 - 25.0	24.0 - 29.0 - 34.0	24.0 - 29.0 - 34.0	29.5 - 35.5 - 42.0	29.5 - 35.5 - 42.0	32.0 - 39.0 - 46.0	32.0 - 39.0 - 46.0
	External Static Pressure		Pa	35 / 50 / 70 / 100 / 150									
	Sound Level [Lo-Mid-Hi]		dB(A)	23 - 27 - 30	26 - 31 - 35	25 - 29 - 33	26 - 30 - 34	29 - 34 - 38	29 - 34 - 38	33 - 36 - 40	33 - 36 - 40	34 - 38 - 43	34 - 38 - 43
	Breaker Size		A	–	–	–	–	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D	mm	600 - 800 - 300(+23)		943 - 950 - 330(+30)		1338 - 1050 - 330 (+30)					
	Weight		kg	42	42	67	67	116	124	116	126	118	132
	Air Volume	Cooling, Rated	m^3/min	35.0	35.0	60.0	60.0	110.0	110.0	120.0	120.0	120.0	120.0
		Heating, Rated	m^3/min	35.0	35.0	60.0	60.0	110.0	110.0	120.0	120.0	120.0	120.0
	Sound Level	Cooling - Silent, Rated	dB(A)	44 - 41	44 - 41	47 - 44	47 - 44	49 - 46	49 - 46	50 - 47	50 - 47	50 - 47	50 - 47
		Heating, Rated	dB(A)	46	46	48	48	51	51	52	52	52	52
	Operating Current (max)		A	13.0	13.0	19.0	19.0	26.5	8.0	26.5	9.5	28.0	11.0
	Breaker Size		A	16	16	25	25	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 12.7		9.52 / 15.88							
	Max. Length	Out-In	m	50	50	50	50	75	75	75	75	75	75
	Max. Height	Out-In	m	30	30	30	30	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*	℃	-5 ~ +46									
		Heating	℃	-11 ~ +21		-20 ~ +21							

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PEDZ-P JA SERIES
STANDARD INVERTER

Type				Inverter Heat Pump						
Indoor Unit				PEAD-RP35JA(L)	PEAD-RP50JA(L)	PEAD-RP60JA(L)	PEAD-RP71JA(L)	PEAD-RP100JA(L)	PEAD-RP125JA(L)	PEAD-RP140JA(L)
Outdoor Unit				SUZ-KA35VA	SUZ-KA50VA	SUZ-KA60VA	SUZ-KA71VA	PUHZ-P100VHA3	PUHZ-P125VHA3	PUHZ-P140VHA3
Power Supply	Source			Outdoor power supply						
	Outdoor (V/Phase/Hz)			230 / Single / 50						
	Indoor (V/Phase/Hz)			–						
Cooling	Capacity	Rated	kW							
		Min - Max	kW							
	Total Input	Rated	kW							
	EER									
		EEL Rank								
Heating	Capacity	Rated	kW							
		Min - Max	kW							
	Total Input	Rated	kW							
	COP									
		EEL Rank								
Operating Current (max)										
Indoor Unit	Input [Cooling / Heating]	Rated	kW							
	Operating Current (max)		A							
	Dimensions	H x W x D	mm							
	Weight		kg							
	Air Volume [Lo-Mid-Hi]		m^3/min							
	External Static Pressure		Pa							
	Sound Level [Lo-Mid-Hi]		dB(A)							
	Breaker Size		A							
Outdoor Unit	Dimensions	H x W x D	mm							
	Weight		kg							
	Air Volume	Cooling, Rated	m^3/min							
		Heating, Rated	m^3/min							
	Sound Level	Cooling - Silent, Rated	dB(A)							
		Heating, Rated	dB(A)							
	Operating Current (max)		A							
	Breaker Size		A							
Ext. Piping	Diameter	Liquid / Gas	mm							
	Max. Length	Out-In	m							
	Max. Height	Out-In	m							
Guaranteed Operating Range [Outdoor]		Cooling	℃							
		Heating	℃							

PEHD-P JA SERIES
FIXED - SPEED

Type				Fixed - Speed					
Indoor Unit				PEAD-RP71JA(L)		PEAD-RP100JA(L)		PEAD-RP125JA(L)	PEAD-RP140JA(L)
Outdoor Unit				PUH-P71VHA	PUH-P71YHA	PUH-P100VHA	PUH-P100YHA	PUH-P125YHA	PUH-P140YHA
Power Supply	Source			Outdoor power supply					
	Outdoor (V/Phase/Hz)			VHA:230 / Single / 50 , YHA:400 / Three / 50					
	Indoor (V/Phase/Hz)			–					
Cooling	Capacity	Rated	kW	7.9	7.9	10.0	10.0	12.3	14.2
	Total Input	Rated	kW	2.97(2.95)	2.97(2.95)	3.69(3.67)	3.69(3.67)	4.41(4.39)	5.63(5.61)
	EER			2.66(2.68)	2.66(2.68)	2.71(2.72)	2.71(2.72)	2.79(2.80)	2.52(2.53)
		EEL Rank		–	–	–	–	–	–
Heating	Capacity	Rated	kW	9.0	9.0	1.5	11.5	14.3	16.7
	Total Input	Rated	kW	3.11	3.11	3.42	3.42	4.32	5.28
	COP			2.89	2.89	3.36	3.36	3.31	3.16
		EEL Rank		–	–	–	–	–	–
Operating Current (max)				25.5	9.8	31.2	12.1	15.4	18.4
Indoor Unit	Input [Cooling / Heating]	Rated	kW	0.17(0.15) / 0.15	0.17(0.15) / 0.15	0.25(0.23) / 0.23	0.25(0.23) / 0.23	0.36(0.34) / 0.34	0.39(0.37) / 0.37
	Operating Current (max)		A	1.97	1.97	2.65	2.65	2.76	2.78
	Dimensions	H x W x D	mm	250 - 1100 - 732	250 - 1100 - 732	250 - 1400 - 732	250 - 1400 - 732	250 - 1400 - 732	250 - 1600 - 732
	Weight		kg	33(32)	33(32)	41(40)	41(40)	43(42)	47(46)
	Air Volume [Lo-Mid-Hi]		m^3/min	17.5 - 21.0 - 25.0	17.5 - 21.0 - 25.0	24.0 - 29.0 - 34.0	24.0 - 29.0 - 34.0	29.5 - 35.5 - 42.0	32.0 - 39.0 - 46.0
	External Static Pressure		Pa	35 / 50 / 70 / 100 / 150					
	Sound Level [Lo-Mid-Hi]		dB(A)	26 - 30 - 34	26 - 30 - 34	29 - 34 - 38	29 - 34 - 38	33 - 36 - 40	34 - 38 - 43
	Breaker Size		A	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D	mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)
	Weight		kg	93	93	94	94	131	131
	Air Volume	Cooling, Rated	m^3/min	55.0	55.0	65.0	65.0	100.0	100.0
		Heating, Rated	m^3/min	55.0	55.0	65.0	65.0	100.0	100.0
	Sound Level	Cooling, Rated	dB(A)	49	49	50	50	50	51
		Heating, Rated	dB(A)	50	50	52	52	52	53
	Operating Current (max)		A	23.5	7.8	28.5	9.4	12.6	15.6
	Breaker Size		A	32	16	32	16	25	25
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88					
	Max. Length	Out-In	m	50	50	50	50	50	50
	Max. Height	Out-In	m	50	50	50	50	50	50
Guaranteed Operating Range [Outdoor]		Cooling*	℃	-5 ~ +46					
		Heating	℃	-11 ~ +24					

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PED-P JA SERIES
FIXED - SPEED COOLING ONLY

Type				Fixed - Speed					
Indoor Unit				PEAD-RP71JA(L)		PEAD-RP100JA(L)		PEAD-RP125JA(L)	PEAD-RP140JA(L)
Outdoor Unit				PU-P71VHA	PU-P71YHA	PU-P100VHA	PU-P100YHA	PU-P125YHA	PU-P140YHA
Power Supply	Source			Outdoor power supply					
	Outdoor (V/Phase/Hz)			VHA:230 / Single / 50 , YHA:400 / Three / 50					
	Indoor (V/Phase/Hz)			–					
Cooling	Capacity	Rated	kW	7.9	7.9	10.0	10.0	12.3	14.2
	Total Input	Rated	kW	2.97(2.95)	2.97(2.95)	3.69(3.67)	3.69(3.67)	4.41(4.39)	5.63(5.61)
	EER			2.66(2.68)	2.66(2.68)	2.71(2.72)	2.71(2.72)	2.79(2.80)	2.52(2.53)
		EEL Rank		–	–	–	–	–	–
Operating Current (max)				25.5	9.8	31.2	12.1	15.4	18.4
Indoor Unit	Input	Rated	kW	0.17(0.15)	0.17(0.15)	0.25(0.23)	0.25(0.23)	0.36(0.34)	0.39(0.37)
	Operating Current (max)		A	1.97	1.97	2.65	2.65	2.76	2.78
	Dimensions	H x W x D	mm	250 - 1100 - 732	250 - 1100 - 732	250 - 1400 - 732	250 - 1400 - 732	250 - 1400 - 732	250 - 1600 - 732
	Weight		kg	33(32)	33(32)	41(40)	41(40)	43(42)	47(46)
	Air Volume [Lo-Mid-Hi]		m^3/min	17.5 - 21.0 - 25.0	17.5 - 21.0 - 25.0	24.0 - 29.0 - 34.0	24.0 - 29.0 - 34.0	29.5 - 35.5 - 42.0	32.0 - 39.0 - 46.0
	External Static Pressure		Pa	35 / 50 / 70 / 100 / 150					
	Sound Level [Lo-Mid-Hi]		dB(A)	26 - 30 - 34	26 - 30 - 34	29 - 34 - 38	29 - 34 - 38	33 - 36 - 40	34 - 38 - 43
	Breaker Size		A	–	–	–	–	–	–
Outdoor Unit	Dimensions	H x W x D	mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)
	Weight		kg	93	93	94	94	131	131
	Air Volume	Cooling, Rated	m^3/min	55.0	55.0	65.0	65.0	100.0	100.0
	Sound Level	Cooling, Rated	dB(A)	49	49	50	50	50	51
	Operating Current (max)		A	23.5	7.8	28.5	9.4	12.6	15.6
	Breaker Size		A	32	16	32	16	25	25
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88					
	Max. Length	Out-In	m	50	50	50	50	50	50
	Max. Height	Out-In	m	50	50	50	50	50	50
Guaranteed Operating Range [Outdoor]		Cooling*	℃	-5 ~ +46					

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

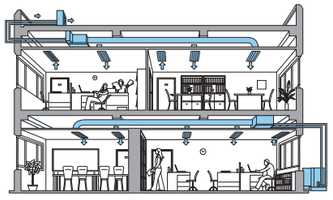
PEA SERIES

PEA-RP200/250/400/500GA

For elegance and style, the PEA Series compliments the room environment with an aesthetically pleasing ceiling installation and a vast line-up of performance functions. Long pipe work installation is supported, increasing freedom in the placement of indoor units.

Flexible Duct Design Enables Use of High-pressure Static Fan

A flexible duct design and 150Pa external static high-pressure are incorporated. The increased variation in airflow options ensures operation that best matches virtually all room layouts.



Long Refrigerant Piping Length

With the addition of more refrigerant, the maximum length for refrigerant piping has been increased to 100 metres. As a result, it is much easier to create the optimum layout for unit installation.

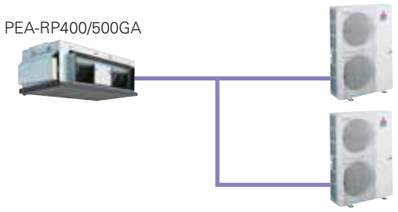
		Power Inverter Connection		Standard Inverter Connection	
		Max. Length	Max. Height	Max. Length	Max. Height
PEA-RP	200	100m	30m	70m	30m
	250	100m	30m	70m	30m
	400	100m	30m	70m	30m
	500	100m	30m	70m	30m

Wide-ranging Line-up from 20–50kW – Extensive Array of Choices to Match Building Size

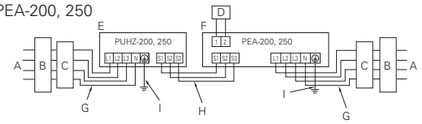
[System Image]

PEA-RP200/250GA

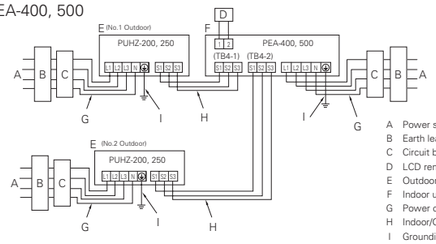
PEA-RP400/500GA



• For PEA-200, 250



• For PEA-400, 500



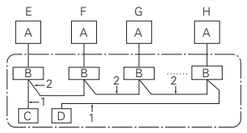
A Power supply
B Earth leakage breaker
C Circuit breaker or local switch
D LCD remote controller
E Outdoor unit
F Indoor unit
G Power cable wiring
H Indoor/Outdoor connection wiring
I Grounding

PAR-21MA Group Control

The PAR-21MA remote controller can control up to 16 systems* as a group, and is ideal for supporting the integrated management of building air conditioners.

*Count each set of PEA-RP400 and PEA-RP500 as two systems as two outdoor units are connected.

• For PEA-200, 250



A Outdoor unit
B Indoor unit
C Main remote controller
D Subordinate remote controller
E Standard (Refrigerant address = 00)
F Refrigerant address = 01
G Refrigerant address = 02
H Refrigerant address = 15

LINE-UP

Indoor Unit

PEA-RP200/250/400/500GA

Outdoor Unit

✻Two units are used when connecting PEA-RP400/500GA.

Power Inverter Series

PUHZ-RP200/250

Standard Inverter Series

PUHZ-P200/250

Remote Controller

PEZ-RP SERIES POWER INVERTER

DC Inverter · Vector Sine Wave · DC Scroll · Rare Earth Magnet · DC Fan Motor · Vector+Wave · Power Receiver · Grooved Piping

Demand Control (Optional) · ACO · Auto Restart · Low Temp Cooling · Silent · Ampere Limit · Group Control · M-NET connection (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type				Inverter Heat Pump			
Indoor Unit				PEA-RP200GA	PEA-RP250GA	PEA-RP400GA	PEA-RP500GA
Outdoor Unit				PUHZ-RP200YKA	PUHZ-RP250YKA	PUHZ-RP250YKA x 2	PUHZ-RP250YKA x 2
Power Supply	Source			Indoor / outdoor separate power supply			
	Outdoor (V/Phase/Hz)			400 / Three / 50			
	Indoor (V/Phase/Hz)			400 / Three / 50			
Cooling	Capacity	Rated	kW	19.0	22.0	38.0	44.0
		Min - Max	kW	9.0 - 22.4	11.2 - 28.0	18.0 - 44.8	22.4 - 56.0
	Total Input	Rated	kW	6.700	8.340	12.950	17.160
	EER			2.84	2.64	2.93	2.56
		EEL Rank		C	D	–	–
Heating	Capacity	Rated	kW	22.4	27.0	44.8	54.0
		Min - Max	kW	9.5 - 25.0	12.5 - 31.5	18.0 - 50.0	25.0- 63.0
	Total Input	Rated	kW	6.500	8.200	12.550	16.880
	COP			3.45	3.29	3.57	3.20
		EEL Rank		B	C	–	–
Operating Current(max)				21.0	23.3	41.8	47.4
Indoor Unit	Input	Rated	kW	1.000	1.180	1.550	2.840
	Operating Current(max)		A	2.0	2.3	3.8	5.4
	Dimensions	H x W x D	mm	400 - 1400 - 634	400 - 1600 - 634	595 - 1947 - 764	595 - 1947 - 764
	Weight		kg	70	77	130	133
	Air Volume [Lo-Hi]		m^3/min	52.0 - 65.0	64.0 - 80.0	120.0	160.0
	External Static Pressure		Pa	150	150	150	150
	Sound Level [Lo-Hi]		dB(A)	48 - 51	49 - 52	52*2	53
	Breaker Size		A	15	15	15	15
Outdoor Unit	Dimensions	H x W x D	mm	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)
	Weight		kg	135	141	135	141
	Air Volume	Cooling	Rated m^3/min	140.0	140.0	140.0	140.0
		Heating	Rated m^3/min	140.0	140.0	140.0	140.0
	Sound Level	Cooling - Silent	Rated dB(A)	58 - 55	58 - 55	58 - 55	58 - 55
		Heating	Rated dB(A)	59	59	59	59
	Operating Current(max)		A	19.0	21.0	19.0	21.0
	Breaker Size		A	32	32	32	32
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 25.4	12.7 / 25.4	9.52 / 25.4	12.7 / 25.4
	Max. Length	Out-In Total	m	100	100	100	100
	Max. Height	Out-In	m	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*1	℃	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46
		Heating	℃	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21

*1 With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible. *2 Hi

PEZ-P SERIES STANDARD INVERTER

DC Inverter · Vector Sine Wave · DC Scroll · Rare Earth Magnet · DC Fan Motor · Vector+Wave · Grooved Piping

Demand Control (Optional) · ACO · Auto Restart · Low Temp Cooling · Silent · Ampere Limit · Group Control · M-NET connection (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type				Inverter Heat Pump			
Indoor Unit				PEA-RP200GA	PEA-RP250GA	PEA-RP400GA	PEA-RP500GA
Outdoor Unit				PUHZ-P200YHA3	PUHZ-P250YHA3	PUHZ-P200YHA3 x 2	PUHZ-P250YHA3 x 2
Power Supply	Source			Indoor / outdoor separate power supply			
	Outdoor (V/Phase/Hz)			400 / Three / 50			
	Indoor (V/Phase/Hz)			400 / Three / 50			
Cooling	Capacity	Rated	kW	19.0	22.0	38.0	44.0
		Min - Max	kW	9.0 - 22.4	11.2 - 28.0	18.0 - 44.8	22.4 - 56.0
	Total Input	Rated	kW	7.210	8.440	13.970	17.360
	EER			2.64	2.61	2.72	2.53
		EEL Rank		D	D	–	–
Heating	Capacity	Rated	kW	22.4	27.0	44.8	54.0
		Min - Max	kW	9.5 - 25.0	12.5 - 31.5	19.0 - 50.0	25.0- 63.0
	Total Input	Rated	kW	7.360	8.470	14.270	17.420
	COP			3.04	3.19	3.14	3.10
		EEL Rank		D	D	–	–
Operating Current(max)				21.0	23.3	41.8	47.4
Indoor Unit	Input	Rated	kW	1.000	1.180	1.550	2.840
	Operating Current(max)		A	2.0	2.3	3.8	5.4
	Dimensions	H x W x D	mm	400 - 1400 - 634	400 - 1600 - 634	500 - 1947 - 764	595 - 1947 - 764
	Weight		kg	70	77	130	133
	Air Volume [Lo-Hi]		m^3/min	52.0 - 65.0	64.0 - 80.0	120.0	160.0
	External Static Pressure		Pa	150	150	150	150
	Sound Level [Lo-Hi]		dB(A)	48 - 51	49 - 52	52*2	53
	Breaker Size		A	15	15	15	15
Outdoor Unit	Dimensions	H x W x D	mm	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)	1338 - 1050 - 330(+30)	1350 - 950 - 330(+30)
	Weight		kg	126	133	126	133
	Air Volume	Cooling	Rated m^3/min	130.0	130.0	130.0	130.0
		Heating	Rated m^3/min	130.0	130.0	130.0	130.0
	Sound Level	Cooling - Silent	Rated dB(A)	59 - 56	59 - 56	59 - 56	59 - 56
		Heating	Rated dB(A)	59	59	59	59
	Operating Current(max)		A	19.0	21.0	19.0	21.0
	Breaker Size		A	32	32	32	32
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 25.4	12.7 / 25.4	9.52 / 25.4	12.7 / 25.4
	Max. Length	Out-In Total	m	70	70	70	70
	Max. Height	Out-In	m	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*1	℃	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46
		Heating	℃	-11 ~ +21	-11 ~ +21	-11 ~ +21	-11 ~ +21

*1 With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible. *2 Hi

POWERFUL HEATING

SERIES

SELECTION

Line-up consists of two series.
Choose the series that best matches the building layout.

ZUBADAN SERIES

The line-up includes outdoor unit models 75–125 and three types of indoor units.

Outdoor Unit

PUHZ-HRP71/100VHA2
PUHZ-HRP100/125YHA2

Indoor Unit

4-way cassette

PLA Series

Ceiling-concealed

PEAD Series

Wall-mounted

PKA Series

MSZ-FD VABH SERIES

The line-up includes outdoor models 25–50 and two colour variations for the indoor unit.

Outdoor Unit

MUZ-FD25/35VABH

MUZ-FD50VABH

Indoor Unit

Wall-mounted

White

MSZ-FD25/35/50VA

Wall-mounted

Silver

MSZ-FD25/35/50VAS

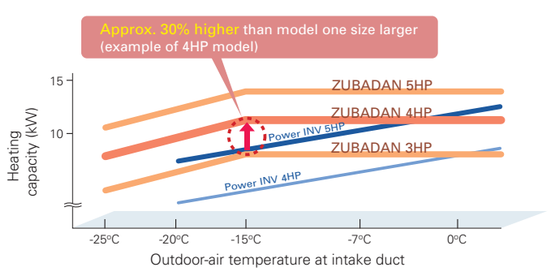
ZUBADAN SERIES

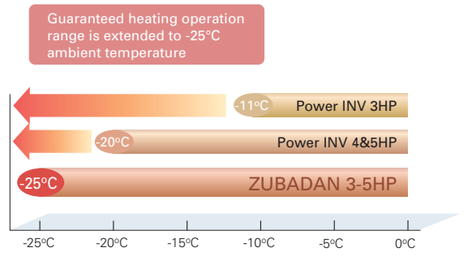
The ZUBADAN Series incorporates an original Flash Injection technology that improves the already high heating capacity of the system. This new member of the series line-up ensures comfortable heat pump-driven heating performance in cold regions.

✻Units in photo are Japanese models.
European model specifications are different.

Improved Heating Performance

Mitsubishi Electric's unique "Flash Injection" circuit achieves remarkably high heating performance. This technology has resulted in an excellent heating capacity rating in outdoor temperatures as low as -15°C, and the guaranteed heating operation range of the heating mode has been extended to -25°C. Accordingly, the heat-pump units of the ZUBADAN Series are perfect for warming homes in the coldest of regions.



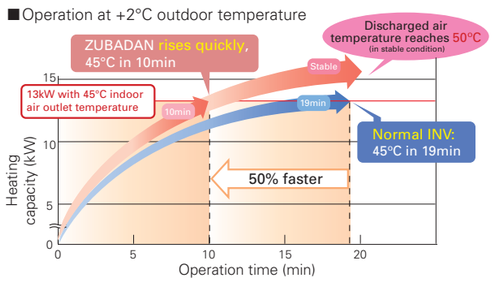


Enhanced Comfort

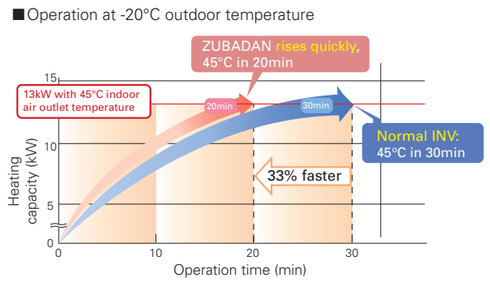
The Flash Injection circuit improves start-up and recover from the defrosting operation. A newly introduced defrost operation control also improves defrost frequency. These features enable the temperature to reach the set temperature more quickly, and contribute to maintaining it at the desired setting.

Quick Start-up

■Operation at +2°C outdoor temperature



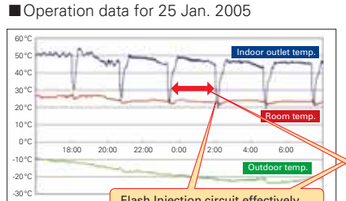
■Operation at -20°C outdoor temperature



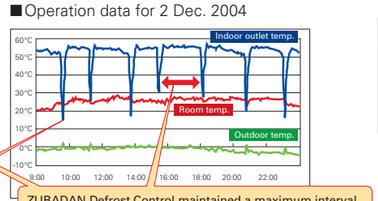
ZUBADAN Defrost Control and Faster Recovery from Defrost Operation

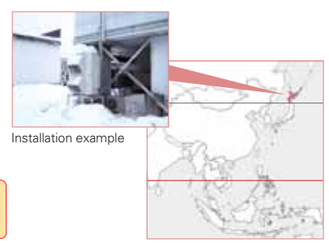
Field Test Results: Office building in Asahikawa, Hokkaido, Japan

■Operation data for 25 Jan. 2005



■Operation data for 2 Dec. 2004

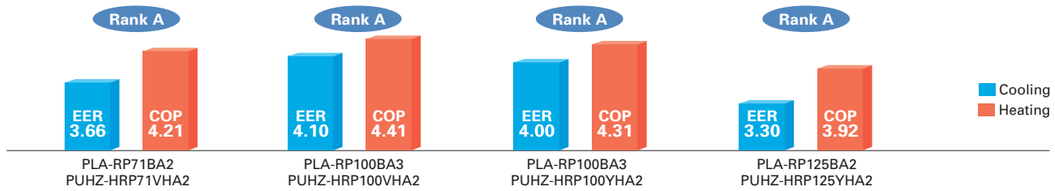




"Rank A" Energy Savings Achieved for Range of Full-capacity Models

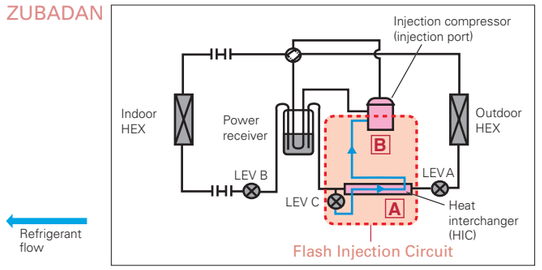
DC Inverter EER A COP A

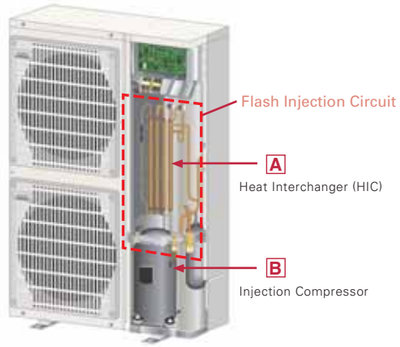
These highly efficient air conditioners have a "Rank A" energy-savings rating, contributing to a significant reduction in electricity costs year-round.



Mitsubishi Electric's Flash Injection Technology
The Key to High Heating Performance at Low Outdoor Temperatures

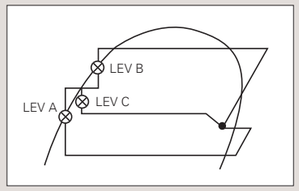
■Flash Injection Circuit





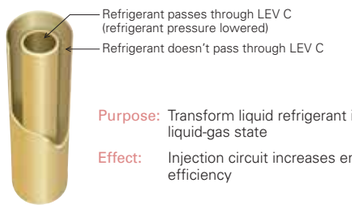
The Mr. Slim model of the ZUBADAN Series is equipped with Mitsubishi Electric's original Flash Injection Circuit, which is comprised of a bypass circuit and heat interchanger (HIC). The HIC transforms rerouted liquid refrigerant into a gas-liquid state to lower compression load. This process ensures excellent heating performance even when the outdoor temperature drops very low.
In traditional units, when the outdoor temperature is low, the volume of refrigerant circulating in the compressor decreases due to the drop in refrigerant pressure and protection from overheating due to high compression, thereby reducing heating capacity. The Flash Injection Circuit injects refrigerant to maintain the refrigerant circulation volume and compressor operation load, thereby maintaining heating capacity.

Mollier Chart Image Representing Flash Injection Circuit Operation



A Heat Interchanger (HIC)

HIC cross-sectional view

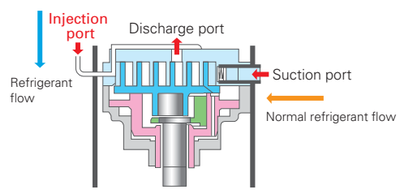


Purpose: Transform liquid refrigerant into liquid-gas state

Effect: Injection circuit increases energy efficiency

The compressor is subjected to a heavy load when compressing liquid refrigerant, and the result is lower operation efficiency. The addition of HIC supports refrigerant heat exchange at two different pressure levels. The heat-exchange process transforms the injected liquid refrigerant into a gas liquid state, thereby decreasing the load on the compressor during the compression process.

B Injection Compressor



Purpose: To increase the volume of refrigerant being circulated

Effect: Improves heating capacity at low outdoor temperatures, and enables higher indoor-air outlet temperature adjustment and higher defrost operation speed

Refrigerant passes from the HIC into the compressor through the injection port. Having two refrigerant inlets makes it possible to raise the volume of refrigerant being circulated when the outdoor temperature is low and at the start of heating operation.

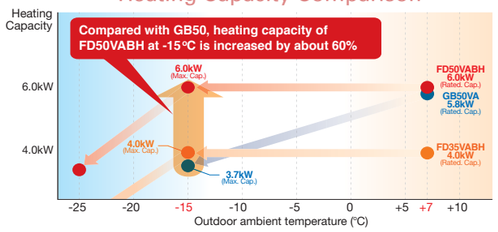
FD VABH SERIES

Unlike conventional air conditioning systems, the FD Series doesn't lose heating capacity when it's cold outside. Original technologies ensure excellent heating performance under extremely low outdoor temperatures and an impressive guaranteed operating range.

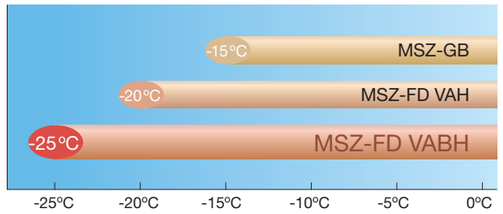
Unparalleled Heating Performance

FD Series outdoor units are equipped with a high-output compressor that provides enhanced heating performance under low outdoor temperatures. The heating operation range is extended down to -25°C.

Heating Capacity Comparison



Operation Range



Compact, Powerful Compressor

A special manufacturing technology, "Heat Caulking Fixing Method," has been introduced to reduce compressor size while maintaining a high compressor output. This technology enables the installation of a powerful compressor in compact MUZ outdoor units. As a result, excellent heating performance is achieved when operating in cold outdoor environments.

Compressor fixed using conventional method (Arc spot-welded method)

Outer layer must be thick enough to hold the cylinder.

Compressor fixed using Heat Caulking Fixing Method

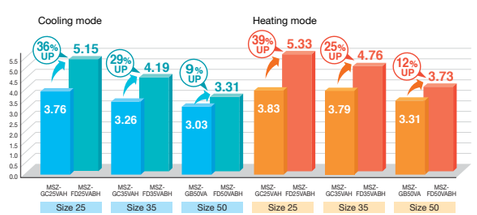
Compressor size reduced while maintaining same cylinder inner diameter.

High Energy Efficiency – "Energy Rank A" for All Models

DC Inverter EER A COP A

Advanced inverter technologies such as the incorporation of an innovative DC inverter equipped with a rare earth magnet motor have increased energy efficiency. An energy efficiency rating much higher than the standard G Series has resulted in all MSZ-FDVABH units attaining and an "Energy Rank A" rating for both cooling and heating operation.

[Energy Efficiency Comparison]

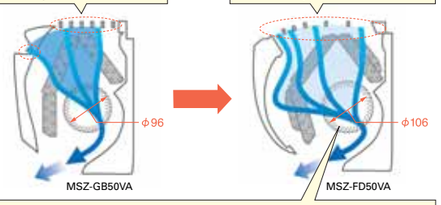


Amazingly Quiet Operation – Redesigned for Performance

A larger fan diameter, wider air inlet in the upper section of the unit and a revised airflow path in the size 50 model reduces noise at low fan speed by 3dB for both cooling and heating modes.

Small air inlet ducts in the indoor unit result in loss of pressure in the airflow path.

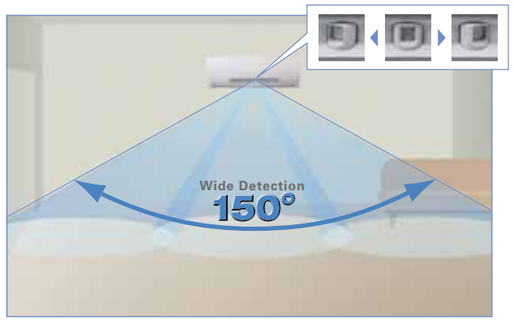
Air inlet ducts have been widened, reducing the pressure loss in the airflow path.



Fan diameter has been increased, enabling the motor to run at a slow speed while increasing the airflow, thereby contributing to quieter operation.

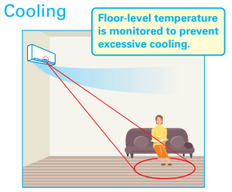
i-see Sensor

Sensor sweeps from side-to-side automatically monitoring the floor temperature over a wide area spanning 150°.



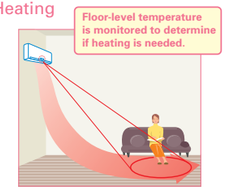
Conventional air conditioners monitor the air temperature at the top of a room to control room temperature and fail to take floor-level temperature, that which has the strongest impact on room comfort, into consideration. The "i-see Sensor" monitors floor-level temperature to ensure that optimum comfort is obtained throughout the room.

Cooling



Cold air migrates to the floor, and this can result in excessive cooling. The "i-see Sensor" monitors the temperature at the floor level and adjusts the outlet-air temperature to prevent over-chilling.

Heating



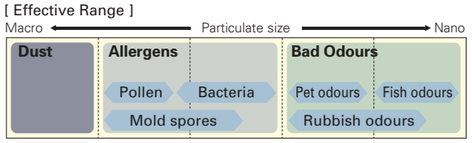
Warm air migrates to the ceiling, thereby failing to warm the floor-level zone. The "i-see Sensor" monitors the temperature at the floor level and adjusts the outlet-air temperature to prevent insufficient warming.

Plasma Duo Filter Systems

FD Series air conditioners are equipped with state-of-the-art air cleaning technologies including a pre-filter and two plasma-based filtering mechanisms (Plasma Duo) that virtually deodorise and purify the air.

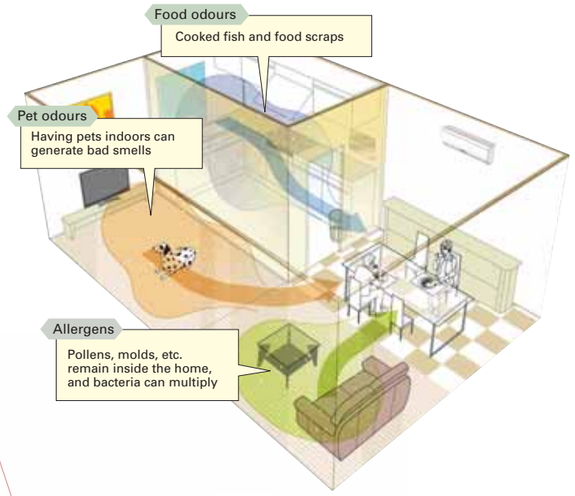
Highly insulated, airtight residences tend to trap odours, allergens like pollen and mold, and bacteria generated in daily life inside the home.

[Effective Range]



Standard filters capture dust in the air, but they cannot catch smaller particulates.

The FD Series has a plasma-based system with dual functions—air purification and deodorisation—that work to capture small particulates that standard filters cannot, and keep indoor-air clean.



Plasma electrode located here

Plasma Electrode

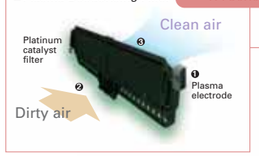
A plasma electrode is mounted inside the indoor unit. An electro-discharge process generates ozone and plasma, which then work together with the two special filters to produce dynamic plasma air-purifying performance.

Plasma Deodorisation

A nanometre scale-meshed platinum catalyst deodorising filter catches odourous particulates that are in the air. Once trapped, the particulates are decomposed and odours eliminated by ozone generated from a plasma electrode.

Deodorising time reduced approx. 50% (compared to FA Series)

■ Plasma Deodorising Filter



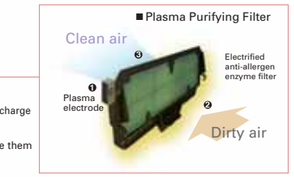
❶ Plasma electrode produces ozone
❷ Odour-causing particulates trapped
❸ Odour-causing particulates decomposed by ozone

❶ Plasma electrode produces plasma
❷ Plasma gives particulates a negative charge
❸ Positive side of the electret filter attracts the negatively charged particulates and enzymes neutralise them

Plasma Air Purification

An electrified anti-allergen enzyme filter is incorporated. A combination of static electricity charged into the filter and plasma generated by the plasma electrode is used to catch bacteria, pollen and other allergens in the air, which are then neutralised by the enzyme in the filter.

■ Plasma Purifying Filter



PLZ-HRP SERIES

DC Inverter · Vector Sine Wave · DC Scroll · Rare Earth Magnet · DC Fan Motor · Vector+Wave · PAM · Power Receiver · Grooved Piping · EER A · COP A · ZUBADAN

Indoor Unit

PLA-RP71/100/125BA2(3)

Standard Panel
PLP-6BA (only Panel)
PLP-6BAMD (with wired remote controller)
PLP-6BALM (with wireless remote controller)

Automatic Filter Elevation Panel
PLP-6BAJ (only Panel)

Standard Panel with "i-see Sensor"
PLP-6BAE (only Panel)
PLP-6BALME (with wired remote controller)
PLP-6BAMDE (with wireless remote controller)

Outdoor Unit

PUHZ-HRP71/100VHA2
PUHZ-HRP100/125YHA2

Remote Controller

i-see Sensor (Optional) · Demand Control (Optional) · Pure White · AUTO VANE (100/125) · Fresh-air Intake · High-efficiency (Optional) · Long Life · Check! · SWING · High Ceiling · Low Ceiling · AUTO · ACO · Auto Restart · Low Temp Cooling

Silent · Ampere Limit · Rotation Back-up · Centralised On/Off (Optional) · Group Control · M-NET connection (Optional) · COMPO · Cleaning-free plate room · Wiring Reuse (Optional) · Drain Lift Up · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type					Inverter Heat Pump			
Indoor Unit					PLA-RP71BA2	PLA-RP100BA3		PLA-RP125BA2
Outdoor Unit					PUHZ-HRP71VHA2	PUHZ-HRP100VHA2	PUHZ-HRP100YHA2	PUHZ-HRP125YHA2
Power Supply	**Source**				Outdoor power supply			
	Outdoor (V/Phase/Hz)				VHA:230 / Single / 50, YHA:400 / Three / 50			
	Indoor (V/Phase/Hz)				–			
Cooling	**Capacity**	Rated		kW	7.1	10.0	10.0	12.5
		Min - Max		kW	4.9 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0
	Total Input	Rated		kW	1.940	2.440	2.500	3.790
	EER				3.66	4.10	4.00	3.30
		EEL Rank			A	A	A	A
Heating	**Capacity**	Rated		kW	8.0	11.2	11.2	14.0
		Min - Max		kW	4.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0
	Total Input	Rated		kW	1.900	2.540	2.600	3.570
	COP				4.21	4.41	4.31	3.92
		EEL Rank			A	A	A	A
Operating Current(max)					30.0	36.0	14.0	14.0
Indoor Unit	**Input**	Rated		kW	0.070	0.140	0.140	0.150
	Operating Current(max)			A	0.51	1.00	1.00	1.00
	Dimensions	H x W x D		mm	258 - 840 - 840	298 - 840 - 840	298 - 840 - 840	298 - 840 - 840
	Weight			kg	23	26	26	27
	Air Volume [Lo-Mi2-Mid-Hi]			m^3/min	14.0 - 16.0 - 18.0 - 21.0	20.0 - 23.0 - 26.0 - 30.0	20.0 - 23.0 - 26.0 - 30.0	22.0 - 25.0 - 28.0 - 31.0
	External Static Pressure			Pa	–	–	–	–
	Sound Level [Lo-Mi2-Mid-Hi]			dB(A)	28 - 30 - 32 - 34	32 - 34 - 37 - 40	32 - 34 - 37 - 40	34 - 36 - 39 - 41
	Breaker Size			A	–	–	–	–
Panel	**Dimensions**	H x W x D		mm	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950
	Weight			kg	6	6	6	6
Outdoor Unit	**Dimensions**	H x W x D		mm	1350 - 950 - 330 (+30)	1350 - 950 - 330 (+30)	1350 - 950 - 330 (+30)	1350 - 950 - 330 (+30)
	Weight			kg	120	120	134	134
	Air Volume	Cooling	Rated	m^3/min	100.0	100.0	100.0	100.0
		Heating	Rated	m^3/min	100.0	100.0	100.0	100.0
	Sound Level	Cooling - Silent	Rated	dB(A)	51 - 48	51 - 48	51 - 48	51 - 48
		Heating	Rated	dB(A)	52	52	52	52
	Operating Current(max)			A	29.5	35.0	13.0	13.0
	Breaker Size			A	32	40	16	16
Ext. Piping	**Diameter**	Liquid / Gas		mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In		m	75	75	75	75
	Max. Height	Out-In		m	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*		℃	-5 ~ +46			
		Heating		℃	-25 ~ +21			

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PKZ-HRP SERIES

DC Inverter · Vector Sine Wave · DC Scroll · Rare Earth Magnet · DC Fan Motor · Vector+Wave · PAM · Power Receiver · Grooved Piping · EER A · COP A · ZUBADAN

Indoor Unit

PKA-RP100KAL

Outdoor Unit

PUHZ-HRP100VHA2

Remote Controller

*optional

Demand Control (Optional) · Pure White · AUTO VANE · Check! (Optional) · SWING · AUTO · ACO · Auto Restart · Low Temp Cooling · Silent · Ampere Limit · Rotation Back-up (Optional) · Centralised On/Off (Optional) · Group Control (Optional)

M-NET connection (Optional) · COMPO · Cleaning-free plate room · Wiring Reuse (Optional) · Drain Lift Up (Optional) · Pump Down · Flare connection · Self Diagnosis · Failure Recall

Type					Inverter Heat Pump	
Indoor Unit					PKA-RP100KAL	
Outdoor Unit					PUHZ-HRP100VHA2	PUHZ-HRP100YHA2
Power Supply	**Source**				Outdoor power supply	
	Outdoor (V/Phase/Hz)				VHA:230 / Single / 50, YHA:460 / Three / 50	
	Indoor (V/Phase/Hz)				–	
Cooling	**Capacity**	Rated		kW	10.0	10.0
		Min - Max		kW	4.9 - 11.4	4.9 - 11.4
	Total Input	Rated		kW	2.930	2.930
	EER				3.41	3.41
		EEL Rank			A	A
Heating	**Capacity**	Rated		kW	11.2	11.2
		Min - Max		kW	4.5 - 14.0	4.5 - 14.0
	Total Input	Rated		kW	3.100	3.100
	COP				3.61	3.61
		EEL Rank			A	A
Operating Current (max)					35.6	13.6
Indoor Unit	**Input**	Rated		kW	0.080	0.080
	Operating Current (max)			A	0.57	0.57
	Dimensions	H x W x D		mm	365 - 1170 - 295	365 - 1170 - 295
	Weight			kg	21	21
	Air Volume [Lo-Mi2-Mid-Hi]			m^3/min	20.0 - 23.0 - 26.0	20.0 - 23.0 - 26.0
	External Static Pressure			Pa	–	–
	Sound Level [Lo-Mi2-Mid-Hi]			dB(A)	41 - 45 - 49	41 - 45 - 49
	Breaker Size			A	–	–
Outdoor Unit	**Dimensions**	H x W x D		mm	1350 - 950 - 330 (+30)	1350 - 950 - 330 (+30)
	Weight			kg	120	134
	Air Volume	Cooling	Rated	m^3/min	100.0	100.0
		Heating	Rated	m^3/min	100.0	100.0
	Sound Level	Cooling - Silent	Rated	dB(A)	51 - 48	51 - 48
		Heating	Rated	dB(A)	52	52
	Operating Current (max)			A	35.0	13.0
	Breaker Size			A	40	16
Ext. Piping	**Diameter**	Liquid / Gas		mm	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In		m	75	75
	Max. Height	Out-In		m	30	30
Guaranteed Operating Range [Outdoor]		Cooling*		℃	-5 ~ +46	-5 ~ +46
		Heating		℃	-25 ~ +21	-25 ~ +21

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

PEDZ-HRP JA SERIES

Indoor Unit

PEAD-RP71/100/125JA(L)

Outdoor Unit

PUHZ-HRP71/100VHA2
PUHZ-HRP100/125YHA2

Remote Controller

*optional

Type					Inverter Heat Pump			
Indoor Unit					PEAD-RP71JA(L)	PEAD-RP100JA(L)	PEAD-RP100JA(L)	PEAD-RP125JA(L)
Outdoor Unit					PUHZ-HRP71VHA2	PUHZ-HRP100VHA2	PUHZ-HRP100YHA2	PUHZ-HRP125YHA2
Power Supply	**Source**				Outdoor power supply			
	Outdoor (V/Phase/Hz)				VHA:230 / Single / 50 , YHA:400 / Three / 50			
	Indoor (V/Phase/Hz)				–			
Cooling	**Capacity**	Rated		kW	7.1	10.0	10.0	12.5
		Min - Max		kW	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0
	Total Input	Rated		kW	2.150(2.130)	3.060(3.040)	3.060(3.040)	3.890(3.870)
	EER				3.30(3.33)	3.27(3.29)	3.27(3.29)	3.21(3.23)
		EEL Rank			A	A	A	A
Heating	**Capacity**	Rated		kW	8.0	11.2	11.2	14.0
		Min - Max		kW	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0
	Total Input	Rated		kW	2.340	3.100	3.100	3.880
	COP				3.42	3.61	3.61	3.61
		EEL Rank			B	A	A	A
Operating Current(max)					31.5	37.7	15.7	15.8
Indoor Unit	**Input (Cooling / Heating)**		Rated	kW	0.170(0.150) / 0.150	0.250(0.230) / 0.230	0.250(0.230) / 0.230	0.360(0.340) / 0.340
	Operating Current(max)			A	1.97	2.65	2.65	2.76
	Dimensions	H x W x D		mm	250 - 1100 - 732	250 - 1400 - 732	250 - 1400 - 732	250 - 1400 - 732
	Weight			kg	33(32)	41(40)	41(40)	43(42)
	Air Volume [Lo-Mid-Hi]			m^3/min	17.5 - 21.0 - 25.0	24.0 - 29.0 - 34.0	24.0 - 29.0 - 34.0	29.5 - 35.5 - 42.0
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150			
	Sound Level [Lo-Mid-Hi]			dB(A)	26 - 30 - 34	29 - 34 - 38	29 - 34 - 38	33 - 36 - 40
	Breaker Size			A	–	–	–	–
Outdoor Unit	**Dimensions**	H x W x D		mm	1350 - 950 - 330 (+30)	1350 - 950 - 330 (+30)	1350 - 950 - 330 (+30)	1350 - 950 - 330 (+30)
	Weight			kg	120	120	134	134
	Air Volume	Cooling	Rated	m^3/min	100.0	100.0	100.0	100.0
		Heating	Rated	m^3/min	100.0	100.0	100.0	100.0
	Sound Level	Cooling - Silent	Rated	dB(A)	51 - 48	51 - 48	51 - 48	51 - 48
		Heating	Rated	dB(A)	52	52	52	52
	Operating Current(max)			A	29.5	35.0	13.0	13.0
	Breaker Size			A	32	40	16	16
Ext. Piping	**Diameter**	Liquid / Gas		mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max. Length	Out-In		m	75	75	75	75
	Max. Height	Out-In		m	30	30	30	30
Guaranteed Operating Range [Outdoor]		Cooling*		℃	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46
		Heating		℃	-25 ~ +21	-25 ~ +21	-25 ~ +21	-25 ~ +21

* With the optional Air Protection Guide, Operation at outdoor temperatures as low as -15℃ is possible.

MSZ-FD VABH SERIES

Indoor Unit

MSZ-FD25/35/50VA White

MSZ-FD25/35/50VAS Silver

Outdoor Unit

MUZ-FD25/35VABH

MUZ-FD50VABH

Remote Controller

Type				Inverter Heat Pump		
Indoor Unit				MSZ-FD25VA(S)*1	MSZ-FD35VA(S)*1	MSZ-FD50VA(S)*1
Outdoor Unit				MUZ-FD25VAH	MUZ-FD35VAH	MUZ-FD50VAH
Power Supply	**Source**			Outdoor power supply		
	Outdoor (V/Phase/Hz)			230 / Single / 50		
Cooling	**Capacity**	Rated	kW	2.5	3.5	5.0
		Min - Max	kW	1.1 - 3.5	0.8 - 4.0	1.5 - 5.8
	Total Input	Rated	kW	0.485	0.835	1.510
	EER			5.15	4.19	3.31
		EEL Rank		A	A	A
	SPL	Indoor Unit [Lo-Mid-Hi-SHi*2]	dB(A)	20 - 29 - 36 - 42	21 - 29 - 36 - 43	29 - 39 - 45 - 52
		Outdoor Unit [Rated]	dB(A)	46	47	54
	Air Volume	Indoor Unit [Lo-Mid-Hi-SHi*2]	m^3/min	4.6 - 6.3 - 8.6 - 11.2	4.6 - 6.3 - 8.6 - 11.2	6.3 - 8.9 - 11.2 - 14.8
		Outdoor Unit [Rated]	m^3/min	35.2	36.3	49.0
Heating	**Capacity**	Rated	kW	3.2	4.0	6.0
		Min - Max	kW	1.5 - 5.5	1.3 - 6.6	1.5 - 8.2
	Total Input	Rated	kW	0.600	0.840	1.610
	COP			5.33	4.76	3.73
		EEL Rank		A	A	A
	SPL	Indoor Unit [Lo-Mid-Hi-SHi*2]	dB(A)	20 - 29 - 36 - 43	21 - 29 - 36 - 44	27 - 37 - 43 - 50
		Outdoor Unit [Rated]	dB(A)	46	50	56
	Air Volume	Indoor Unit [Lo-Mid-Hi-SHi*2]	m^3/min	4.5 - 6.7 - 9.2 - 12.1	4.7 - 6.7 - 9.2 - 12.5	5.5 - 8.9 - 11.2 - 14.8
		Outdoor Unit [Rated]	m^3/min	32.8	37.8	49.0
Operating Current (max)				10.0	10.5	16.0
Indoor Unit	**Input**	Rated	kW	0.031	0.033	0.060
	Operating Current (max)		A	0.4	0.4	0.5
	Dimensions	H x W x D	mm	295 - 798 - 257	295 - 798 - 257	295 - 798 - 257
	Weight		kg	12	12	12
	Breaker Size		A	-	-	-
Outdoor Unit	**Dimensions**	H x W x D	mm	550 - 800 - 285	550 - 800 - 285	850 - 840 - 330
	Weight		kg	36	36	55
	Operating Current (max)		A	9.60	10.1	15.5
	Breaker Size		A	10	12	16
Ext. Piping	**Diameter**	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
	Max. Length	Out-In	m	20	20	30
	Max. Height	Out-In	m	12	12	15
Guaranteed Operating Range [Outdoor]		Cooling	℃	-10 ~ +46	-10 ~ +46	-10 ~ +46
		Heating	℃	-25 ~ +24	-25 ~ +24	-25 ~ +24

*1 MSZ-FD VAS is Silver.
*2 SHi → Super High

MXZ SERIES



SELECTION

Choose from four types of indoor units and eight outdoor units that can run up to eight indoor units each.
Create the system that best matches room shapes and number of rooms.

STEP 1 SELECT INDOOR UNITS

Select the indoor unit to be installed in each room.

Wall-mounted



Floor-standing

Cassette



Ceiling-concealed

STEP 2 SELECT OUTDOOR UNITS

Select the best outdoor unit based on the number of indoor units and overall system capacity required.

2-port Connect up to 2 indoor units

MXZ-2A30VA
MXZ-2A40VA
MXZ-2A52VA

3-port Connect up to 3 indoor units

MXZ-3A54VA

4-port Connect up to 4 indoor units


MXZ-4A71VA MXZ-4A80VA

5-port Connect up to 5 indoor units

MXZ-5A100VA

8-port Connect up to 8 indoor units

Outdoor Unit

MXZ-8A140VA

Branch Box

PAC-AK30BC

PAC-AK50BC

Connection to indoor units requires an appropriate branch box (distribution piping is required when connecting two branch boxes).

STEP 3 CHECK SYSTEM COMPATIBILITY

Possible combinations depends on the outdoor unit chosen. Please check the following points.

Check Indoor Units

Refer to the "Indoor Unit Compatibility Table" to check if the indoor units selected can be used with the outdoor unit selected. (Indoor units not listed in the table cannot be used.)

Check Indoor Unit Capacity Combination

Refer to the "Combination Table" to check if the capacity combination of the indoor unit selected is connectable. (Combinations not listed cannot be connected.)

If the combination you want to use cannot be found, please change either the indoor unit or outdoor unit so that the combination matches one of those shown in the tables.

MXZ SERIES

Advancements in the MXZ Series include efficiency and flexibility in system expansion capabilities. The best solution when requiring multi-system air conditioning needs.

2-port

MXZ-2A30VA
MXZ-2A40VA
MXZ-2A52VA

3-port 4-port

MXZ-3A54VA
MXZ-4A71VA

4-port 5-port

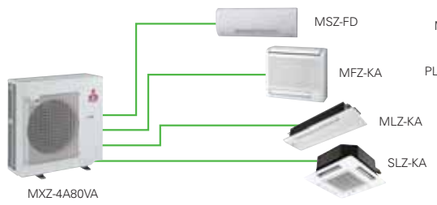
MXZ-4A80VA
MXZ-5A100VA

8-port

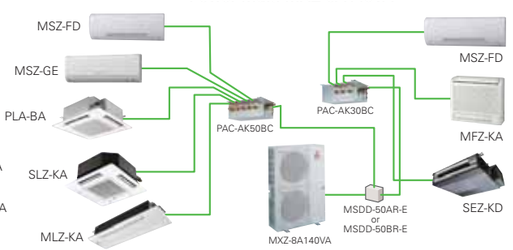
MXZ-8A140VA

EXAMPLE SYSTEM

Smaller MXZ 2, 3, 4 and 5 ports
(example of MXZ-4A80VA system)



Power Multi MXZ-8A140VA



Handle Up to 8 Rooms with a Single Outdoor Unit

The MXZ Series offers an 8-system line-up to choose from, ranging between 3.0 and 14.0kW. All of them are compatible with specific M, S and P series indoor units. A single outdoor unit can handle a wide range of building layouts.

"Energy Rank A" for All Models

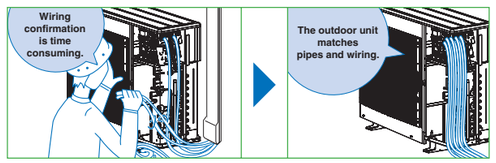
The incorporation of Mitsubishi's cutting-edge inverter technologies has achieved an "Energy Rank A" rating for all MXZ units.

Support Functions

Wiring/Piping Correction Function* (4A80/5A100)

Simply press a single button to confirm if piping and wiring are properly connected. Wiring errors are corrected automatically when discovered. This eliminates the need to confirm complicated wiring connections when expanding the system. (For details, refer to the outdoor unit installation manual.)

* Function cannot be used when the outdoor temperature is below 0°C.
The correction process requires 10–15 minutes to complete and must be conducted with the unit set to the "Cooling" mode.



Ampere Limit Adjustment (4A80/5A100/8A140)

Dipswitch settings can be used to adjust the maximum electrical current for operation. This function is highly recommended for managing energy costs. (For details, refer to the outdoor unit installation manual.)

* Maximum capacity is lowered with the use of this function.

Operation Lock (2A/3A/4A/5A/8A)

To accommodate specific use applications, cooling or heating operation can be specified when setting the control board of the outdoor unit. A convenient option when a system needs to be configured for exclusive cooling or heating service. (For details, refer to the outdoor unit installation manual.)

MXZ SERIES INVERTER MULTI

Type (Inverter Multi - Split Heat Pump)				Up to 2 Indoor Units			Up to 3 Indoor Units	Up to 4 Indoor Units		Up to 5 Indoor Units
Model Name				MXZ-2A30VA	MXZ-2A40VA	MXZ-2A52VA	MXZ-3A54VA	MXZ-4A71VA	MXZ-4A80VA	MXZ-5A100VA
Power Supply [V / Phase / Hz , Source]				230 / Single / 50 , Outdoor power supply						
Cooling	Capacity	Rated	kW	3.0	4.0	5.2	5.4	7.1	8.0	10.0
		Min - Max	kW	1.1 - 4.0	1.1 - 4.5	1.1 - 6.0	2.9 - 6.8	3.7 - 8.8	3.7 - 9.2	3.7 - 11.0
	Input*1	Rated	kW	0.595	1.045	1.505	1.295	1.93	2.19	2.935
	EER*2			4.69	3.65	3.33	3.97	3.52	3.47	3.28
		EEL Rank		A	A	A	A	A	A	A
	SPL [Outdoor]	Rated - Silent	dB(A)	46 - 44	47 - 44	49 - 45	46 - 44	48 - 45	46 - 44	51 - 46
	Air Volume [Outdoor]		m^3/min	33.7	34.5	32.9	42.1	42.1	42.1	56.6
Heating	Capacity	Rated	kW	4.0	4.5	6.4	6.8	8.6	9.4	12.0
		Min - Max	kW	1.0 - 4.5	1.0 - 5.0	1.0 - 7.2	2.6 - 9.0	3.4 - 9.0	3.4 - 11.6	3.4 - 14.0
	Input*1	Rated	kW	0.745	0.945	1.705	1.455	1.95	1.93	2.835
	COP*2			5.06	4.54	3.66	4.46	4.21	4.65	4.07
		EEL Rank		A	A	A	A	A	A	A
	SPL [Outdoor]	Rated - Silent	dB(A)	47 - 46	48 - 47	50 - 48	48 - 44	50 - 46	48 - 45	54 - 47
	Air Volume [Outdoor]		m^3/min	30.9	32.1	33.3	41.2	46.5	43.8	59.3
Operating Current (max)*1			A	8.0	10.2	10.2	16.4	16.4	17.4	18.4
Total Capacity of all Indoor Units (max)			kW	See combination table						
Outdoor	Dimensions	Height	mm	550	550	550	710	710	900	900
		Width	mm	800	800	800	840 (+30)	840 (+30)	900	900
		Depth	mm	285	285	285	330	330	320 (+30)	320 (+30)
	Weight		kg	34	34	40	57	58	67	68
Ext. Piping	Diameter	Liquid	mm	6.35 x 2	6.35 x 2	6.35 x 2	6.35 x 3	6.35 x 4	6.35 x 4	6.35 x 5
		Gas	mm	9.52 x 2	9.52 x 2	9.52 x 2	9.52 x 3	9.52 x 3 + 12.7 x 1	9.52 x 3 + 12.7 x 1	9.52 x 4 , 12.7 x 1
	Max. Length	Total / Out - In	m	20 / 15	30 / 20	30 / 20	50 / 25	60 / 25	70 / 25	80 / 25
	Max. Height	Out - In	m	10	15 (10)*3	15 (10)*3	15 (10)*3	15 (10)*3	10	15 (10)*3
Guaranteed Operating Range [Outdoor]		Cooling	℃	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43	-10 ~ +43
		Heating	℃	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24

Type (Inverter Multi - Split Heat Pump)				Up to 8 Indoor Units
Model Name				MXZ-8A140VA
Power Supply [V / Phase / Hz , Source]				230 / Single / 50 , Outdoor power supply
Cooling	Capacity	Rated	kW	14.0
	Input *1		kW	3.79
	EER *2			3.52
		EEL Rank		A
	SPL [Outdoor]	Rated - Silent	dB(A)	50 - 47
	Air Volume [Outdoor]		m^3/min	100
Heating	Capacity	Rated	kW	16.0
	Input *1		kW	3.90
	COP *2			3.91
		EEL Rank		A
	SPL [Outdoor]	Rated	dB(A)	52
	Air Volume[Outdoor]		m^3/min	100
Total Capacity of All Indoor Units (max)			kW	18.5
Operating Current (max) *1			A	29.5
Breaker Size			A	40
Outdoor	Dimensions	Height	mm	1,350
		Width	mm	950
		Depth	mm	330
	Weight		kg	128
Ext. Piping	Diameter	Liquid	mm	9.52 x 1
		Gas	mm	15.88 x 1
	Max. Length	Total / Out - In	m	115 / 70
	Max. Height	Out - In	m	20 (30)*4
Guaranteed Operating Range [Outdoor]		Cooling	℃	-5 ~ 46
		Heating	℃	-15 ~ 21

Type				Branch Box	
Model Name				PAC-AK50BC	PAC-AK30BC
Connectable Number of Indoor Units				Max. 5	Max. 3
Power Supply [V / Phase / Hz , Source]				230 / Single / 50 , Outdoor power supply	
Total Input			kW	0.003	0.003
Operating Current			A	0.05	0.05
Drain Hose Size*5			mm	O.D. 20 (VP - 16)	
Dimensions [HxWxD]			mm	198 - 450 - 280	
Weight			kg	9.3	8.1
Piping [diameter]	Branch [Indoor side]	Liquid	mm	6.35 x 5	6.35 x 3
		Gas	mm	9.52 x 4, 12.7 x 1	9.52 x 3
	Main [Outdoor side]	Liquid	mm	9.52	9.52
		Gas	mm	15.88	15.88
	Connection Method			Flared	Flared
Wiring	to Indoor Unit			3-wire + Earth wire	
	to Outdoor Unit			3-wire + Earth wire	

*1) Power Input and Operating Current (MAX) figures are for outdoor unit only.
*2) EER and COP are the figures when connected with belon indoor units.
MXZ-2A30VA → MSZ-GE25VA x 2
MXZ-2A40VA → MSZ-GE25VA + MSZ-GE35VA
MXZ-2A52VA → MSZ-GE35VA x 2
MXZ-3A54VA → MSZ-GE22VA x 3
MXZ-4A71VA → MSZ-GE22VA x 4
MXZ-4A80VA → MSZ-GE35VA x 4
MXZ-5A100VA → MSZ-GE22VA x 5
MXZ-8A140VA → MSZ-GA60VA x 3 + PAC-AK30BC
*3) If the outdoor unit is installed higher then the indoor unit ,max. height is reduced to 10m.
*4) If the outdoor unit is installed higher then the indoor unit ,max. height is increased to 30m.
*5) Drain hose is to be locally purchased.

Indoor Unit Compatibility Table

Possible combinations of outdoor units and indoor units are shown below.

Indoor Unit		Outdoor Unit / MXZ-	2A30VA	2A40VA	2A52VA	3A54VA	4A71VA	4A80VA	5A100VA	8A140VA
M SERIES	Wall-mounted	MSZ-FD25VA	●	●	●	●	●	●	●	●
		MSZ-FD25VAS	●	●	●	●	●	●	●	●
		MSZ-FD35VA		●	●	●	●	●	●	●
		MSZ-FD35VAS		●	●	●	●	●	●	●
		MSZ-FD50VA				●	●	●	●	●
		MSZ-FD50VAS				●	●	●	●	●
		MSZ-GE22VA	●	●	●	●	●	●	●	●
		MSZ-GE25VA	●	●	●	●	●	●	●	●
		MSZ-GE35VA		●	●	●	●	●	●	●
		MSZ-GE42VA				●	●	●	●	●
		MSZ-GE50VA				●	●	●	●	●
		MSZ-GA60VA					●	●	●	●
		MSZ-GA71VA						●	●	●
	Floor-standing	MFZ-KA25VA	●	●	●	●	●	●	●	●
		MFZ-KA35VA		●	●	●	●	●	●	●
		MFZ-KA50VA				●	●	●	●	●
	1-way Cassette	MLZ-KA25VA	●	●	●	●	●	●	●	●
		MLZ-KA35VA		●	●	●	●	●	●	●
		MLZ-KA50VA				●	●	●	●	●
S SERIES	4-way Cassette	SLZ-KA25VA	●	●	●	●	●	●	●	●
		SLZ-KA25VAL	●	●	●	●	●	●	●	●
		SLZ-KA35VA		●	●	●	●	●	●	●
		SLZ-KA35VAL		●	●	●	●	●	●	●
		SLZ-KA50VA				●	●	●	●	●
		SLZ-KA50VAL				●	●	●	●	●
	Ceiling-concealed	SEZ-KD25VA	●	●	●	●	●	●	●	●
		SEZ-KD25VAL	●	●	●	●	●	●	●	●
		SEZ-KD35VA		●	●	●	●	●	●	●
		SEZ-KD35VAL		●	●	●	●	●	●	●
		SEZ-KD50VA				●	●	●	●	●
		SEZ-KD50VAL				●	●	●	●	●
		SEZ-KD60VA					●	●	●	●
		SEZ-KD60VAL					●	●	●	●
		SEZ-KD71VA						●	●	●
		SEZ-KD71VAL						●	●	●
P SERIES	4-way Cassette	PLA-RP35BA								●
		PLA-RP50BA				●	●	●	●	●
		PLA-RP60BA					●	●	●	●
		PLA-RP71BA						●	●	●

Combination Table

MXZ-2A30VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)			Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Total			
22	2.20		2.2 (0.9 - 3.0)	0.430 (0.120 - 0.620)	2.08	90
25	2.50		2.5 (0.9 - 3.3)	0.490 (0.120 - 0.690)	2.37	90
22 + 22	1.40	1.40	2.8 (1.1 - 3.8)	0.540 (0.250 - 0.970)	2.61	90
22 + 25	1.40	1.50	2.9 (1.1 - 3.9)	0.565 (0.250 - 1.020)	2.73	90
25 + 25	1.50	1.50	3.0 (1.1 - 4.0)	0.595 (0.250 - 1.070)	2.87	90

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)			Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Total			
22	3.30		3.3 (0.9 - 4.0)	0.670 (0.110 - 0.910)	3.24	90
25	3.60		3.6 (0.9 - 4.5)	0.730 (0.110 - 1.050)	3.53	90
22 + 22	1.90	1.90	3.8 (1.0 - 4.3)	0.705 (0.200 - 0.770)	3.41	90
22 + 25	1.90	2.00	3.9 (1.0 - 4.4)	0.725 (0.200 - 0.795)	3.50	90
25 + 25	2.00	2.00	4.0 (1.0 - 4.5)	0.745 (0.200 - 0.810)	3.60	90

MXZ-2A40VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)			Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Total			
22	2.20		2.2 (0.9 - 3.0)	0.430 (0.120 - 0.620)	2.08	90
25	2.50		2.5 (0.9 - 3.3)	0.490 (0.120 - 0.690)	2.37	90
35	3.50		3.5 (0.9 - 4.0)	0.730 (0.120 - 0.900)	3.53	90
22 + 22	1.90	1.90	3.8 (1.1 - 4.3)	0.830 (0.250 - 1.110)	3.80	95
22 + 25	1.83	2.07	3.9 (1.1 - 4.3)	0.970 (0.250 - 1.110)	4.44	95
22 + 35	1.51	2.39	3.9 (1.1 - 4.4)	0.970 (0.250 - 1.130)	4.44	95
25 + 25	1.95	1.95	3.9 (1.1 - 4.4)	0.970 (0.250 - 1.130)	4.44	95
25 + 35	1.67	2.33	4.0 (1.1 - 4.5)	1.045 (0.250 - 1.170)	4.78	95

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)			Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Total			
22	3.30		3.3 (0.9 - 4.0)	0.670 (0.110 - 0.910)	3.24	90
25	3.60		3.6 (0.9 - 4.5)	0.730 (0.110 - 1.050)	3.53	90
35	4.00		4.0 (0.9 - 4.8)	0.870 (0.110 - 1.150)	4.20	90
22 + 22	2.20	2.20	4.4 (1.0 - 4.8)	0.910 (0.200 - 1.010)	4.16	95
22 + 25	2.06	2.34	4.4 (1.0 - 4.8)	0.910 (0.200 - 1.010)	4.16	95
22 + 35	1.70	2.70	4.4 (1.0 - 4.9)	0.910 (0.200 - 1.030)	4.16	95
25 + 25	2.20	2.20	4.4 (1.0 - 4.9)	0.910 (0.200 - 1.030)	4.16	95
25 + 35	1.85	2.65	4.5 (1.0 - 5.0)	0.945 (0.200 - 1.050)	4.32	95

Combination Table

MXZ-2A52VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)			Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Total			
22	2.20		2.2 (0.9 - 3.0)	0.430 (0.120 - 0.620)	2.08	90
25	2.50		2.5 (0.9 - 3.3)	0.490 (0.120 - 0.690)	2.37	90
35	3.50		3.5 (0.9 - 4.0)	0.730 (0.120 - 0.900)	3.53	90
22 + 22	2.20	2.20	4.4 (1.1 - 5.3)	1.130 (0.250 - 1.510)	5.12	96
22 + 25	2.20	2.50	4.7 (1.1 - 5.4)	1.250 (0.250 - 1.560)	5.66	96
22 + 35	1.93	3.07	5.0 (1.1 - 5.6)	1.400 (0.250 - 1.650)	6.28	97
25 + 25	2.50	2.50	5.0 (1.1 - 5.6)	1.400 (0.250 - 1.650)	6.28	97
25 + 35	2.13	2.97	5.1 (1.1 - 5.8)	1.450 (0.250 - 1.740)	6.50	97
35 + 35	2.60	2.60	5.2 (1.1 - 6.0)	1.505 (0.250 - 1.830)	6.75	97

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)			Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Total			
22	3.30		3.3 (0.9 - 4.0)	0.670 (0.110 - 0.910)	3.24	90
25	3.60		3.6 (0.9 - 4.5)	0.730 (0.110 - 1.050)	3.53	90
35	4.00		4.0 (0.9 - 4.8)	0.870 (0.110 - 1.150)	4.20	90
22 + 22	3.05	3.05	6.1 (1.0 - 6.7)	1.550 (0.200 - 1.730)	6.95	97
22 + 25	2.90	3.30	6.2 (1.0 - 6.8)	1.600 (0.200 - 1.750)	7.17	97
22 + 35	2.43	3.87	6.3 (1.0 - 7.0)	1.650 (0.200 - 1.790)	7.40	97
25 + 25	3.15	3.15	6.3 (1.0 - 7.0)	1.650 (0.200 - 1.790)	7.40	97
25 + 35	2.63	3.67	6.3 (1.0 - 7.1)	1.650 (0.200 - 1.820)	7.40	97
35 + 35	3.20	3.20	6.4 (1.0 - 7.2)	1.705 (0.200 - 1.840)	7.64	97

Combination Table

MXZ-3A54VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)				Outdoor unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Total			
22	2.20			2.2 (1.4 - 3.0)	0.590 (0.420 - 0.740)	2.59	99
25	2.50			2.5 (1.4 - 3.3)	0.660 (0.420 - 0.830)	2.90	99
35	3.50			3.5 (1.5 - 4.3)	0.950 (0.430 - 1.180)	4.17	99
42	4.20			4.2 (1.6 - 5.0)	1.220 (0.450 - 1.420)	5.36	99
50	5.00			5.0 (1.6 - 5.6)	1.500 (0.480 - 1.660)	6.59	99
22 + 22	2.20	2.20		4.4 (2.0 - 5.4)	1.180 (0.540 - 1.450)	5.18	99
22 + 25	2.20	2.50		4.7 (2.0 - 5.8)	1.300 (0.540 - 1.630)	5.71	99
22 + 35	2.08	3.32		5.4 (2.0 - 6.8)	1.600 (0.540 - 2.550)	7.03	99
22 + 42	1.86	3.54		5.4 (2.0 - 6.8)	1.590 (0.540 - 2.490)	6.98	99
22 + 50	1.65	3.75		5.4 (2.0 - 6.8)	1.580 (0.550 - 2.440)	6.94	99
25 + 25	2.50	2.50		5.0 (2.0 - 6.0)	1.420 (0.540 - 1.750)	6.24	99
25 + 35	2.25	3.15		5.4 (2.0 - 6.8)	1.600 (0.540 - 2.550)	7.03	99
25 + 42	2.01	3.39		5.4 (2.0 - 6.8)	1.590 (0.540 - 2.490)	6.98	99
25 + 50	1.80	3.60		5.4 (2.0 - 6.8)	1.580 (0.550 - 2.440)	6.94	99
35 + 35	2.70	2.70		5.4 (2.0 - 6.8)	1.600 (0.540 - 2.550)	7.03	99
35 + 42	2.40	3.00		5.4 (2.0 - 6.8)	1.560 (0.540 - 2.490)	6.85	99
35 + 50	2.22	3.18		5.4 (2.0 - 6.8)	1.530 (0.550 - 2.440)	6.72	99
50 + 50	2.70	2.70		5.4 (2.1 - 6.8)	1.550 (0.560 - 2.340)	6.81	99
42 + 42	2.70	2.70		5.4 (2.0 - 6.8)	1.530 (0.550 - 2.440)	6.72	99
42 + 50	2.47	2.93		5.4 (2.1 - 6.8)	1.540 (0.550 - 2.390)	6.76	99
22 + 22 + 22	1.80	1.80	1.80	5.4 (2.9 - 6.8)	1.295 (0.670 - 1.770)	5.69	99
22 + 22 + 25	1.72	1.72	1.96	5.4 (2.9 - 6.8)	1.295 (0.670 - 1.770)	5.69	99
22 + 22 + 35	1.50	1.50	2.40	5.4 (2.9 - 6.8)	1.295 (0.670 - 1.770)	5.69	99
22 + 22 + 42	1.38	1.38	2.64	5.4 (2.9 - 6.8)	1.280 (0.670 - 1.780)	5.62	99
22 + 22 + 50	1.26	1.26	2.88	5.4 (2.9 - 6.8)	1.265 (0.680 - 1.790)	5.56	99
22 + 25 + 25	1.64	1.88	1.88	5.4 (2.9 - 6.8)	1.295 (0.670 - 1.770)	5.69	99
22 + 25 + 35	1.45	1.65	2.30	5.4 (2.9 - 6.8)	1.295 (0.670 - 1.770)	5.69	99
22 + 25 + 42	1.33	1.52	2.55	5.4 (2.9 - 6.8)	1.280 (0.670 - 1.780)	5.62	99
22 + 25 + 50	1.23	1.39	2.78	5.4 (2.9 - 6.8)	1.265 (0.680 - 1.790)	5.56	99
22 + 35 + 35	1.30	2.05	2.05	5.4 (2.9 - 6.8)	1.295 (0.670 - 1.770)	5.69	99
22 + 35 + 42	1.20	1.91	2.29	5.4 (2.9 - 6.8)	1.290 (0.670 - 1.770)	5.67	99
25 + 25 + 25	1.80	1.80	1.80	5.4 (2.9 - 6.8)	1.295 (0.670 - 1.770)	5.69	99
25 + 25 + 35	1.59	1.59	2.22	5.4 (2.9 - 6.8)	1.295 (0.670 - 1.770)	5.69	99
25 + 25 + 42	1.47	1.47	2.46	5.4 (2.9 - 6.8)	1.280 (0.670 - 1.780)	5.62	99
25 + 25 + 50	1.35	1.35	2.70	5.4 (2.9 - 6.8)	1.265 (0.680 - 1.790)	5.56	99
25 + 35 + 35	1.42	1.99	1.99	5.4 (2.9 - 6.8)	1.295 (0.670 - 1.770)	5.69	99

MXZ-3A54VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)				Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Total			
22	3.30			3.3 (1.2 - 4.2)	0.820 (0.380 - 1.090)	3.60	99
25	3.60			3.6 (1.2 - 4.5)	0.910 (0.380 - 1.190)	4.00	99
35	4.00			4.0 (1.2 - 4.8)	1.040 (0.380 - 1.300)	4.57	99
42	5.40			5.4 (1.3 - 6.5)	1.400 (0.370 - 1.800)	6.15	99
50	6.80			6.8 (1.4 - 8.2)	1.770 (0.370 - 2.300)	7.77	99
22 + 22	3.30	3.30		6.6 (1.8 - 7.2)	1.500 (0.410 - 1.710)	6.59	99
22 + 25	3.18	3.62		6.8 (1.8 - 8.7)	1.580 (0.410 - 2.350)	6.94	99
22 + 35	2.62	4.18		6.8 (1.8 - 9.0)	1.580 (0.410 - 2.390)	6.94	99
22 + 42	2.34	4.46		6.8 (1.8 - 9.0)	1.510 (0.400 - 2.300)	6.63	99
22 + 50	2.08	4.72		6.8 (1.8 - 9.0)	1.440 (0.390 - 2.220)	6.32	99
25 + 25	3.40	3.40		6.8 (1.8 - 9.0)	1.580 (0.410 - 2.390)	6.94	99
25 + 35	2.83	3.97		6.8 (1.8 - 9.0)	1.580 (0.410 - 2.390)	6.94	99
25 + 42	2.54	4.26		6.8 (1.8 - 9.0)	1.510 (0.400 - 2.300)	6.63	99
25 + 50	2.27	4.53		6.8 (1.8 - 9.0)	1.440 (0.390 - 2.220)	6.32	99
35 + 35	3.40	3.40		6.8 (1.8 - 9.0)	1.580 (0.410 - 2.390)	6.94	99
35 + 42	3.09	3.71		6.8 (1.8 - 9.0)	1.510 (0.410 - 2.300)	6.63	99
35 + 50	2.80	4.00		6.8 (1.8 - 9.0)	1.440 (0.410 - 2.220)	6.32	99
50 + 50	3.40	3.40		6.8 (1.9 - 9.0)	1.390 (0.360 - 2.040)	6.10	99
42 + 42	3.40	3.40		6.8 (1.8 - 9.0)	1.440 (0.410 - 2.220)	6.32	99
42 + 50	3.10	3.70		6.8 (1.9 - 9.0)	1.410 (0.380 - 2.130)	6.19	99
22 + 22 + 22	2.27	2.27	2.27	6.8 (2.6 - 9.0)	1.455 (0.500 - 2.120)	6.39	99
22 + 22 + 25	2.17	2.17	2.46	6.8 (2.6 - 9.0)	1.455 (0.500 - 2.120)	6.39	99
22 + 22 + 35	1.89	1.89	3.02	6.8 (2.6 - 9.0)	1.455 (0.500 - 2.120)	6.39	99
22 + 22 + 42	1.74	1.74	3.32	6.8 (2.6 - 9.0)	1.380 (0.490 - 2.040)	6.06	99
22 + 22 + 50	1.59	1.59	3.62	6.8 (2.6 - 9.0)	1.310 (0.480 - 1.960)	5.75	99
22 + 25 + 25	2.08	2.36	2.36	6.8 (2.6 - 9.0)	1.455 (0.500 - 2.120)	6.39	99
22 + 25 + 35	1.83	2.07	2.9	6.8 (2.6 - 9.0)	1.455 (0.500 - 2.120)	6.39	99
22 + 25 + 42	1.68	1.91	3.21	6.8 (2.6 - 9.0)	1.380 (0.490 - 2.040)	6.06	99
22 + 25 + 50	1.54	1.75	3.51	6.8 (2.6 - 9.0)	1.310 (0.480 - 1.960)	5.75	99
22 + 35 + 35	1.62	2.59	2.59	6.8 (2.6 - 9.0)	1.455 (0.500 - 2.120)	6.39	99
22 + 35 + 42	1.51	2.41	2.88	6.8 (2.6 - 9.0)	1.455 (0.500 - 2.120)	6.39	99
25 + 25 + 25	2.27	2.27	2.27	6.8 (2.6 - 9.0)	1.455 (0.500 - 2.120)	6.39	99
25 + 25 + 35	2.00	2.00	2.80	6.8 (2.6 - 9.0)	1.455 (0.500 - 2.120)	6.39	99
25 + 25 + 42	1.85	1.85	3.10	6.8 (2.6 - 9.0)	1.380 (0.490 - 2.040)	6.06	99
25 + 25 + 50	1.70	1.70	3.40	6.8 (2.6 - 9.0)	1.310(0.480 - 1.960)	5.75	99
25 + 35 + 35	1.78	2.51	2.51	6.8 (2.6 - 9.0)	1.455 (0.460 - 2.120)	6.39	99

Combination Table

MXZ-4A71VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)					Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Total			
22	2.20				2.2 (1.4 - 3.0)	0.590 (0.420 - 0.740)	2.59	99
25	2.50				2.5 (1.4 - 3.3)	0.660 (0.420 - 0.830)	2.90	99
35	3.50				3.5 (1.5 - 4.3)	0.950 (0.430 - 1.180)	4.17	99
42	4.20				4.2 (1.6 - 5.0)	1.220 (0.450 - 1.420)	5.36	99
50	5.00				5.0 (1.6 - 5.6)	1.500 (0.480 - 1.660)	6.59	99
60	6.00				6.0 (1.6 - 6.6)	2.110 (0.480 - 2.290)	9.27	99
22 + 22	2.20	2.20			4.4 (2.0 - 5.4)	1.180 (0.540 - 1.450)	5.18	99
22 + 25	2.20	2.50			4.7 (2.0 - 5.8)	1.300 (0.540 - 1.630)	5.71	99
22 + 35	2.20	3.50			5.7 (2.0 - 6.6)	1.800 (0.540 - 2.100)	7.91	99
22 + 42	2.20	4.20			6.4 (2.0 - 7.1)	2.120 (0.540 - 2.540)	9.31	99
22 + 50	2.08	4.72			6.8 (2.0 - 7.1)	2.440 (0.550 - 2.570)	10.72	99
22 + 60	1.82	4.98			6.8 (2.0 - 7.1)	2.460 (0.550 - 2.600)	10.80	99
25 + 25	2.50	2.50			5.0 (2.0 - 6.0)	1.420 (0.540 - 1.750)	6.24	99
25 + 35	2.50	3.50			6.0 (2.0 - 7.1)	2.010 (0.540 - 2.540)	8.83	99
25 + 42	2.50	4.20			6.7 (2.0 - 7.1)	2.220 (0.540 - 2.560)	9.75	99
25 + 50	2.27	4.53			6.8 (2.0 - 7.1)	2.440 (0.550 - 2.590)	10.72	99
25 + 60	2.00	4.80			6.8 (2.0 - 7.1)	2.460 (0.550 - 2.600)	10.80	99
35 + 35	3.40	3.40			6.8 (2.0 - 7.1)	2.570 (0.540 - 2.550)	11.29	99
35 + 42	3.09	3.71			6.8 (2.0 - 7.1)	2.500 (0.540 - 2.600)	10.98	99
35 + 50	2.80	4.00			6.8 (2.0 - 7.1)	2.440 (0.550 - 2.600)	10.72	99
35 + 60	2.51	4.29			6.8 (2.0 - 7.1)	2.460 (0.550 - 2.610)	10.80	99
50 + 50	3.40	3.40			6.8 (2.1 - 7.1)	2.380 (0.560 - 2.610)	10.45	99
50 + 60	3.09	3.71			6.8 (2.1 - 7.1)	2.400 (0.570 - 2.620)	10.54	99
60 + 60	3.40	3.40			6.8 (2.1 - 7.1)	2.420 (0.580 - 2.630)	10.63	99
22 + 22 + 22	2.20	2.20	2.20		6.6 (2.9 - 8.1)	1.750 (0.670 - 2.390)	7.69	99
22 + 22 + 25	2.20	2.20	2.50		6.9 (2.9 - 8.3)	1.880 (0.670 - 2.510)	8.26	99
22 + 22 + 35	1.98	1.98	3.14		7.1 (2.9 - 8.5)	1.990 (0.670 - 2.690)	8.74	99
22 + 22 + 42	1.81	1.81	3.48		7.1 (2.9 - 8.5)	1.970 (0.670 - 2.700)	8.65	99
22 + 22 + 50	1.66	1.66	3.78		7.1 (2.9 - 8.5)	1.960 (0.680 - 2.720)	8.61	99
22 + 22 + 60	1.50	1.50	4.10		7.1 (2.9 - 8.5)	1.950 (0.680 - 2.740)	8.56	99
22 + 25 + 25	2.16	2.47	2.47		7.1 (2.9 - 8.5)	1.990 (0.670 - 2.690)	8.74	99
22 + 25 + 35	1.91	2.16	3.03		7.1 (2.9 - 8.5)	1.990 (0.670 - 2.690)	8.74	99
22 + 25 + 42	1.76	1.99	3.35		7.1 (2.9 - 8.5)	1.970 (0.670 - 2.700)	8.65	99
22 + 25 + 50	1.61	1.83	3.66		7.1 (2.9 - 8.5)	1.960 (0.680 - 2.720)	8.61	99
22 + 25 + 60	1.46	1.66	3.98		7.1 (2.9 - 8.5)	1.950 (0.680 - 2.740)	8.56	99
22 + 35 + 35	1.70	2.70	2.70		7.1 (2.9 - 8.5)	1.990 (0.670 - 2.690)	8.74	99
22 + 35 + 42	1.58	2.51	3.01		7.1 (2.9 - 8.5)	1.970 (0.670 - 2.700)	8.65	99
22 + 35 + 50	1.46	2.32	3.32		7.1 (2.9 - 8.5)	1.960 (0.680 - 2.720)	8.61	99
22 + 35 + 60	1.34	2.12	3.64		7.1 (2.9 - 8.5)	1.950 (0.680 - 2.740)	8.56	99
22 + 50 + 50	1.28	2.91	2.91		7.1 (2.9 - 8.5)	1.940 (0.690 - 2.770)	8.52	99
25 + 25 + 25	2.36	2.36	2.36		7.1 (2.9 - 8.5)	1.990 (0.670 - 2.690)	8.74	99
25 + 25 + 35	2.09	2.09	2.92		7.1 (2.9 - 8.5)	1.990 (0.670 - 2.690)	8.74	99
25 + 25 + 42	1.93	1.93	3.24		7.1 (2.9 - 8.5)	1.970 (0.670 - 2.700)	8.65	99
25 + 25 + 50	1.78	1.78	3.54		7.1 (2.9 - 8.5)	1.960 (0.680 - 2.720)	8.61	99
25 + 25 + 60	1.61	1.61	3.88		7.1 (2.9 - 8.5)	1.950 (0.680 - 2.740)	8.56	99
25 + 35 + 35	1.86	2.62	2.62		7.1 (2.9 - 8.5)	1.990 (0.670 - 2.690)	8.74	99
25 + 35 + 42	1.74	2.44	2.92		7.1 (2.9 - 8.5)	1.970 (0.670 - 2.700)	8.65	99
25 + 35 + 50	1.61	2.26	3.23		7.1 (2.9 - 8.5)	1.960 (0.680 - 2.720)	8.61	99
25 + 35 + 60	1.48	2.07	3.55		7.1 (2.9 - 8.5)	1.950 (0.680 - 2.740)	8.56	99
25 + 50 + 50	1.42	2.84	2.84		7.1 (2.9 - 8.5)	1.940 (0.690 - 2.770)	8.52	99
35 + 35 + 35	2.36	2.36	2.36		7.1 (2.9 - 8.5)	1.990 (0.670 - 2.690)	8.74	99
35 + 35 + 42	2.22	2.22	2.66		7.1 (2.9 - 8.5)	1.970 (0.670 - 2.700)	8.65	99
35 + 35 + 50	2.07	2.07	2.96		7.1 (2.9 - 8.5)	1.960 (0.680 - 2.720)	8.61	99
22 + 22 + 22 + 22	1.77	1.77	1.77	1.77	7.1 (3.7 - 8.8)	1.930 (0.800 - 2.750)	8.48	99
22 + 22 + 22 + 25	1.72	1.72	1.72	1.94	7.1 (3.7 - 8.8)	1.930 (0.800 - 2.750)	8.48	99
22 + 22 + 22 + 35	1.55	1.55	1.55	2.45	7.1 (3.7 - 8.8)	1.930 (0.800 - 2.750)	8.48	99
22 + 22 + 22 + 42	1.44	1.44	1.44	2.78	7.1 (3.7 - 8.8)	1.920 (0.800 - 2.760)	8.43	99
22 + 22 + 22 + 50	1.35	1.35	1.35	3.05	7.1 (3.7 - 8.8)	1.910 (0.810 - 2.780)	8.39	99
22 + 22 + 25 + 25	1.66	1.66	1.89	1.89	7.1 (3.7 - 8.8)	1.930 (0.800 - 2.750)	8.48	99

MXZ-4A71VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)					Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Total			
22 + 22 + 25 + 35	1.50	1.50	1.71	2.39	7.1 (3.7 - 8.8)	1.930 (0.800 - 2.750)	8.56	99
22 + 22 + 25 + 42	1.40	1.40	1.59	2.71	7.1 (3.7 - 8.8)	1.920 (0.800 - 2.760)	8.43	99
22 + 22 + 25 + 50	1.31	1.31	1.50	2.98	7.1 (3.7 - 8.8)	1.910 (0.810 - 2.780)	8.39	99
22 + 22 + 35 + 35	1.37	1.37	2.18	2.18	7.1 (3.7 - 8.8)	1.950 (0.800 - 2.750)	8.48	99
22 + 22 + 35 + 42	1.29	1.29	2.05	2.47	7.1 (3.7 - 8.8)	1.920 (0.800 - 2.760)	8.43	99
22 + 25 + 25 + 25	1.61	1.83	1.83	1.83	7.1 (3.7 - 8.8)	1.930 (0.800 - 2.750)	8.48	99
22 + 25 + 25 + 35	1.46	1.66	1.66	2.32	7.1 (3.7 - 8.8)	1.930 (0.800 - 2.750)	8.48	99
22 + 25 + 25 + 42	1.36	1.55	1.55	2.64	7.1 (3.7 - 8.8)	1.920 (0.800 - 2.760)	8.43	99
22 + 25 + 25 + 50	1.29	1.45	1.45	2.91	7.1 (3.7 - 8.8)	1.910 (0.810 - 2.780)	8.39	99
22 + 25 + 35 + 35	1.34	1.52	2.12	2.12	7.1 (3.7 - 8.8)	1.950 (0.800 - 2.750)	8.48	99
22 + 25 + 35 + 42	1.26	1.43	2.00	2.41	7.1 (3.7 - 8.8)	1.920 (0.800 - 2.760)	8.43	99
25 + 25 + 25 + 25	1.77	1.77	1.77	1.77	7.1 (3.7 - 8.8)	1.930 (0.800 - 2.750)	8.48	99
25 + 25 + 25 + 35	1.61	1.61	1.61	2.27	7.1 (3.7 - 8.8)	1.930 (0.800 - 2.750)	8.48	99
25 + 25 + 25 + 42	1.51	1.51	1.51	2.57	7.1 (3.7 - 8.8)	1.920 (0.800 - 2.760)	8.43	99
25 + 25 + 25 + 50	1.42	1.42	1.42	2.84	7.1 (3.7 - 8.8)	1.910 (0.810 - 2.780)	8.39	99
25 + 25 + 35 + 35	1.48	1.48	2.07	2.07	7.1 (3.7 - 8.8)	1.930 (0.800 - 2.750)	8.48	99

MXZ-4A71VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)					Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Total			
22	3.30				3.3 (1.2 - 4.2)	0.820 (0.380 - 1.090)	3.60	99
25	3.60				3.6 (1.2 - 4.5)	0.910 (0.380 - 1.190)	4.00	99
35	4.00				4.0 (1.2 - 4.8)	1.040 (0.380 - 1.300)	4.57	99
42	5.40				5.4 (1.3 - 6.5)	1.460 (0.370 - 1.800)	6.41	99
50	7.20				7.2 (1.4 - 8.2)	1.880 (0.370 - 2.300)	8.26	99
60	7.90				7.9 (1.4 - 8.6)	2.150 (0.360 - 2.410)	9.44	99
22 + 22	3.30	3.30			6.6 (1.8 - 7.2)	1.500 (0.410 - 1.710)	6.59	99
22 + 25	3.23	3.67			6.9 (1.8 - 8.7)	1.610 (0.410 - 2.350)	7.07	99
22 + 35	2.82	4.48			7.3 (1.8 - 9.0)	1.770 (0.410 - 2.390)	7.77	99
22 + 42	3.26	5.34			8.6 (1.8 - 9.0)	1.940 (0.400 - 2.300)	8.52	99
22 + 50	2.63	5.97			8.6 (1.8 - 9.0)	2.110 (0.390 - 2.220)	9.27	99
22 + 60	2.31	6.29			8.6 (1.8 - 9.0)	2.090 (0.380 - 2.220)	9.18	99
25 + 25	3.60	3.60			7.2 (1.8 - 9.0)	1.710 (0.410 - 2.390)	7.51	99
25 + 35	3.17	4.43			7.6 (1.8 - 9.0)	1.890 (0.410 - 2.390)	8.30	99
25 + 42	3.21	5.39			8.6 (1.8 - 9.0)	2.000 (0.400 - 2.300)	8.78	99
25 + 50	2.87	5.73			8.6 (1.8 - 9.0)	2.110 (0.390 - 2.220)	9.27	99
25 + 60	2.53	6.07			8.6 (1.8 - 9.0)	2.090 (0.380 - 2.220)	9.18	99
35 + 35	4.30	4.30			8.6 (1.8 - 9.0)	2.030 (0.410 - 2.390)	8.92	99
35 + 42	3.91	4.69			8.6 (1.8 - 9.0)	2.070 (0.400 - 2.300)	9.09	99
35 + 50	3.54	5.06			8.6 (1.8 - 9.0)	2.110 (0.390 - 2.220)	9.27	99
35 + 60	3.17	5.43			8.6 (1.8 - 9.0)	2.090 (0.380 - 2.220)	9.18	99
50 + 50	4.30	4.30			8.6 (1.9 - 9.0)	1.820 (0.360 - 2.040)	7.99	99
50 + 60	3.91	4.69			8.6 (1.9 - 9.0)	1.820 (0.360 - 2.040)	7.99	99
60 + 60	4.30	4.30			8.6 (1.9 - 9.0)	1.820 (0.360 - 2.040)	7.99	99
22 + 22 + 22	2.87	2.87	2.87		8.6 (2.6 - 9.0)	2.020 (0.500 - 2.120)	8.87	99
22 + 22 + 25	2.74	2.74	3.12		8.6 (2.6 - 9.0)	2.020 (0.500 - 2.120)	8.87	99
22 + 22 + 35	2.39	2.39	3.82		8.6 (2.6 - 9.0)	2.020 (0.500 - 2.120)	8.87	99
22 + 22 + 42	2.20	2.20	4.20		8.6 (2.6 - 9.0)	1.940 (0.490 - 2.040)	8.52	99
22 + 22 + 50	2.01	2.01	4.58		8.6 (2.6 - 9.0)	1.860 (0.480 - 1.960)	8.17	99
22 + 22 + 60	1.82	1.82	4.96		8.6 (2.6 - 9.0)	1.850 (0.480 - 1.960)	8.12	99
22 + 25 + 25	2.62	2.99	2.99		8.6 (2.6 - 9.0)	2.020 (0.500 - 2.120)	8.87	99
22 + 25 + 35	2.31	2.62	3.67		8.6 2.6 - 9.0)	2.020 (0.500 - 2.120)	8.87	99
22 + 25 + 42	2.12	2.42	4.06		8.6 (2.6 - 9.0)	1.940 (0.490 - 2.040)	8.52	99
22 + 25 + 50	1.95	2.22	4.43		8.6 (2.6 - 9.0)	1.860 (0.480 - 1.960)	8.17	99
22 + 25 + 60	1.77	2.01	4.82		8.6 (2.6 - 9.0)	1.850 (0.480 - 1.960)	8.12	99
22 + 35 + 35	2.06	3.27	3.27		8.6 (2.6 - 9.0)	2.020 (0.500 - 2.120)	8.87	99
22 + 35 + 42	1.91	3.04	3.65		8.6 (2.6 - 9.0)	1.940 (0.490 - 2.040)	8.52	99
22 + 35 + 50	1.77	2.81	4.02		8.6 (2.6 - 9.0)	1.860 (0.480 - 1.960)	8.17	99
22 + 35 + 60	1.62	2.57	4.41		8.6 (2.6 - 9.0)	1.850 (0.480 - 1.960)	8.12	99
22 + 50 + 50	1.56	3.52	3.52		8.6 (2.6 - 9.0)	1.670 (0.460 - 1.830)	7.33	99
25 + 25 + 25	2.86	2.86	2.86		8.6 (2.6 - 9.0)	2.020 (0.500 - 2.120)	8.87	99
25 + 25 + 35	2.53	2.53	3.54		8.6 (2.6 - 9.0)	2.020 (0.500 - 2.120)	8.87	99
25 + 25 + 42	2.33	2.33	3.94		8.6 (2.6 - 9.0)	1.940 (0.490 - 2.040)	8.52	99
25 + 25 + 50	2.15	2.15	4.3		8.6 (2.6 - 9.0)	1.860 (0.480 - 1.960)	8.17	99
25 + 25 + 60	1.95	1.95	4.68		8.6 (2.6 - 9.0)	1.850 (0.480 - 1.960)	8.12	99
25 + 35 + 35	2.26	3.17	3.17		8.6 (2.6 - 9.0)	2.020 (0.500 - 2.120)	8.87	99
25 + 35 + 42	2.11	2.95	3.54		8.6 (2.6 - 9.0)	1.940 (0.490 - 2.040)	8.52	99
25 + 35 + 50	1.95	2.74	3.91		8.6 (2.6 - 9.0)	1.860 (0.480 - 1.960)	8.17	99
25 + 35 + 60	1.79	2.51	4.3		8.6 (2.6 - 9.0)	1.850 (0.480 - 1.960)	8.12	99
25 + 50 + 50	1.72	3.44	3.44		8.6 (2.6 - 9.0)	1.670 (0.460 - 1.830)	7.33	99
35 + 35 + 35	2.86	2.86	2.86		8.6 (2.6 - 9.0)	2.020 (0.500 - 2.120)	8.87	99
35 + 35 + 42	2.68	2.68	3.24		8.6 (2.6 - 9.0)	1.940 (0.500 - 2.040)	8.52	99
35 + 35 + 50	2.51	2.51	3.58		8.6 (2.6 - 9.0)	1.860 (0.500 - 1.960)	8.17	99
22 + 22 + 22 + 22	2.15	2.15	2.15	2.15	8.6 (3.4 - 9.0)	1.950 (0.600 - 1.960)	8.56	99
22 + 22 + 22 + 25	2.08	2.08	2.08	2.36	8.6 (3.4 - 9.0)	1.950 (0.600 - 1.960)	8.56	99
22 + 22 + 22 + 35	1.87	1.87	1.87	2.98	8.6 (3.4 - 9.0)	1.950 (0.600 - 1.960)	8.56	99
22 + 22 + 22 + 42	1.75	1.75	1.75	3.35	8.6 (3.4 - 9.0)	1.860 (0.600 - 1.940)	8.17	99
22 + 22 + 22 + 50	1.63	1.63	1.63	3.71	8.6 (3.4 - 9.0)	1.770 (0.600 - 1.930)	7.77	99
22 + 22 + 25 + 25	2.01	2.01	2.29	2.29	8.6 (3.4 - 9.0)	1.950 (0.600 - 1.960)	8.56	99

MXZ-4A71VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)					Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Total			
22 + 22 + 25 + 35	1.82	1.82	2.07	2.89	8.6 (3.4 - 9.0)	1.950 (0.600 - 1.960)	8.56	99
22 + 22 + 25 + 42	1.70	1.70	1.94	3.26	8.6 (3.4 - 9.0)	1.860 (0.600 - 1.940)	8.17	99
22 + 22 + 25 + 50	1.59	1.59	1.81	3.61	8.6 (3.4 - 9.0)	1.770 (0.600 - 1.930)	7.77	99
22 + 22 + 35 + 35	1.66	1.66	2.64	2.64	8.6 (3.4 - 9.0)	1.950 (0.600 - 1.960)	8.56	99
22 + 22 + 35 + 42	1.56	1.56	2.49	2.99	8.6 (3.4 - 9.0)	1.860 (0.600 - 1.940)	8.17	99
22 + 25 + 25 + 25	1.94	2.22	2.22	2.22	8.6 (3.4 - 9.0)	1.950 (0.600 - 1.960)	8.56	99
22 + 25 + 25 + 35	1.77	2.01	2.01	2.81	8.6 (3.4 - 9.0)	1.950 (0.600 - 1.960)	8.56	99
22 + 25 + 25 + 42	1.65	1.89	1.89	3.17	8.6 (3.4 - 9.0)	1.860 (0.600 - 1.940)	8.17	99
22 + 25 + 25 + 50	1.56	1.76	1.76	3.52	8.6 (3.4 - 9.0)	1.770 (0.600 - 1.930)	7.77	99
22 + 25 + 35 + 35	1.62	1.84	2.57	2.57	8.6 (3.4 - 9.0)	1.950 (0.600 - 1.960)	8.56	99
22 + 25 + 35 + 42	1.53	1.73	2.43	2.91	8.6 (3.4 - 9.0)	1.860 (0.600 - 1.940)	8.17	99
25 + 25 + 25 + 25	2.15	2.15	2.15	2.15	8.6 (3.4 - 9.0)	1.950 (0.600 - 1.960)	8.56	99
25 + 25 + 25 + 35	1.95	1.95	1.95	2.75	8.6 (3.4 - 9.0)	1.950 (0.600 - 1.960)	8.56	99
25 + 25 + 25 + 42	1.83	1.83	1.83	3.11	8.6 (3.4 - 9.0)	1.860 (0.600 - 1.940)	8.17	99
25 + 25 + 25 + 50	1.72	1.72	1.72	3.44	8.6 (3.4 - 9.0)	1.770 (0.600 - 1.930)	7.77	99
25 + 25 + 35 + 35	1.79	1.79	2.51	2.51	8.6 (3.4 - 9.0)	1.950 (0.600 - 1.960)	8.56	99

Combination Table

MXZ-4A80VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)					Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Total			
22	2.20				2.2 (1.4 - 3.0)	0.680 (0.400 - 0.920)	2.99	99
25	2.50				2.5 (1.4 - 3.3)	0.760 (0.400 - 1.010)	3.34	99
35	3.50				3.5 (1.5 - 4.3)	1.030 (0.400 - 1.290)	4.52	99
42	4.20				4.2 (1.6 - 5.0)	1.230 (0.410 - 1.460)	5.40	99
50	5.00				5.0 (1.6 - 5.6)	1.440 (0.420 - 1.630)	6.32	99
60	6.00				6.0 (1.6 - 6.6)	1.930 (0.400 - 2.130)	8.48	99
71	7.10				7.1 (1.7 - 7.4)	2.580 (0.410 - 2.710)	11.33	99
22 + 22	2.20	2.20			4.4 (2.0 - 5.4)	1.130 (0.600 - 1.600)	4.96	99
22 + 25	2.20	2.50			4.7 (2.0 - 5.8)	1.270 (0.600 - 1.770)	5.58	99
22 + 35	2.20	3.50			5.7 (2.0 - 6.6)	1.710 (0.600 - 2.200)	7.51	99
22 + 42	2.20	4.20			6.4 (2.0 - 7.2)	2.080 (0.580 - 2.450)	9.13	99
22 + 50	2.20	5.00			7.2 (2.0 - 7.7)	2.450 (0.560 - 2.710)	10.76	99
22 + 60	1.75	6.00			7.75 (2.0 - 8.0)	2.750 (0.560 - 3.050)	12.08	99
22 + 71	1.66	6.19			7.9 (2.0 - 8.2)	2.810 (0.560 - 3.200)	12.34	99
25 + 25	2.50	2.50			5.0 (2.0 - 6.2)	1.360 (0.580 - 1.950)	5.97	99
25 + 35	2.50	3.50			6.0 (2.0 - 7.1)	2.010 (0.580 - 2.540)	8.83	99
25 + 42	2.50	4.20			6.7 (2.0 - 7.8)	2.290 (0.570 - 2.870)	10.06	99
25 + 50	2.50	5.00			7.5 (2.0 - 8.5)	2.580 (0.560 - 3.200)	11.33	99
25 + 60	2.11	5.64			7.75 (2.0 - 8.6)	2.750 (0.560 - 3.280)	12.08	99
25 + 71	2.01	5.84			7.85 (2.0 - 8.7)	2.810 (0.560 - 3.320)	12.34	99
35 + 35	3.50	3.50			7.0 (2.0 - 7.1)	2.400 (0.580 - 2.550)	10.54	99
35 + 42	3.50	4.20			7.7 (2.0 - 8.0)	2.580 (0.570 - 2.880)	11.33	99
35 + 50	3.10	4.65			7.75 (2.0 - 8.8)	2.760 (0.560 - 3.220)	12.12	99
35 + 60	2.61	5.24			7.85 (2.0 - 8.8)	2.730 (0.560 - 3.180)	11.99	99
35 + 71	2.51	5.44			7.95 (2.0 - 8.8)	2.780 (0.560 - 3.180)	12.21	99
50 + 50	3.95	3.95			7.9 (2.1 - 8.8)	2.780 (0.590 - 3.160)	12.21	99
50 + 60	3.42	4.57			8.0 (2.1 - 8.8)	2.800 (0.570 - 3.120)	12.30	99
50 + 71	3.27	4.73			8.0 (2.1 - 8.8)	2.800 (0.570 - 3.120)	12.30	99
60 + 60	4.00	4.00			8.0 (2.1 - 8.8)	2.690 (0.550 - 3.080)	11.81	99
60 + 71	3.84	4.16			8.0 (2.1 - 8.8)	2.690 (0.550 - 3.080)	11.81	99
22 + 22 + 22	2.20	2.20	2.20		6.6 (2.9 - 8.1)	1.860 (0.690 - 2.410)	8.17	99
22 + 22 + 25	2.20	2.20	2.50		6.9 (2.9 - 8.3)	1.970 (0.670 - 2.510)	8.65	99
22 + 22 + 42	2.01	2.01	3.83		7.85 (2.9 - 8.7)	2.310 (0.690 - 2.940)	10.14	99
22 + 22 + 35	2.14	2.14	3.42		7.7 (2.9 - 9.0)	2.310 (0.690 - 2.970)	10.14	99
22 + 22 + 50	1.72	1.72	4.41		7.85 (2.9 - 9.0)	2.320 (0.700 - 2.920)	10.19	99
22 + 22 + 60	1.46	1.46	5.03		7.95 (2.9 - 9.0)	2.370 (0.680 - 2.880)	10.41	99
22 + 22 + 71	1.40	1.40	5.20		8.0 (2.9 - 9.0)	2.390 (0.680 - 2.880)	10.50	99
22 + 25 + 25	2.20	2.50	2.50		7.2 (2.9 - 8.9)	2.100 (0.690 - 2.940)	9.22	99
22 + 25 + 35	2.08	2.36	3.31		7.75 (2.9 - 8.9)	2.350 (0.690 - 2.970)	10.32	99
22 + 25 + 42	1.95	2.22	3.73		7.9 (2.9 - 9.0)	2.360 (0.690 - 2.940)	10.36	99
22 + 25 + 50	1.79	2.04	4.07		7.9 (2.9 - 9.0)	2.370 (0.700 - 2.920)	10.41	99
22 + 25 + 60	1.64	1.87	4.49		8.0 (2.9 - 9.0)	2.390 (0.680 - 2.880)	10.50	99
22 + 25 + 71	1.49	1.69	4.82		8.0 (2.9 - 9.0)	2.390 (0.680 - 2.880)	10.50	99
22 + 35 + 35	1.87	2.99	2.99		7.85 (2.9 - 9.0)	2.350 (0.690 - 2.920)	10.32	99
22 + 35 + 42	1.76	2.79	3.35		7.9 (2.9 - 9.0)	2.330 (0.690 - 2.900)	10.23	99
22 + 35 + 50	1.63	2.58	3.69		7.9 (2.9 - 9.0)	2.320 (0.700 - 2.890)	10.19	99
22 + 35 + 60	1.50	2.40	4.10		8.0 (2.9 - 9.0)	2.350 (0.680 - 2.860)	10.32	99
22 + 35 + 71	1.38	2.18	4.44		8.0 (2.9 - 9.0)	2.350 (0.680 - 2.860)	10.32	99
22 + 50 + 50	1.44	3.28	3.28		8.0 (2.9 - 9.0)	2.330 (0.680 - 2.860)	10.23	99
22 + 50 + 60	1.33	3.03	3.64		8.0 (2.9 - 9.0)	2.300 (0.660 - 2.830)	10.10	99
22 + 50 + 71	1.23	2.80	3.97		8.0 (2.9 - 9.0)	2.300 (0.660 - 2.830)	10.10	99
25 + 25 + 25	2.50	2.50	2.50		7.5 (2.9 - 9.0)	2.250 (0.690 - 3.010)	9.88	99
25 + 25 + 35	2.28	2.28	3.19		7.75 (2.9 - 9.0)	2.350 (0.690 - 2.970)	10.32	99
25 + 25 + 42	2.14	2.14	3.62		7.9 (2.9 - 9.0)	2.360 (0.690 - 2.940)	10.36	99
25 + 25 + 50	1.98	1.98	3.94		7.9 (2.9 - 9.0)	2.370 (0.700 - 2.920)	10.41	99
25 + 25 + 60	1.82	1.82	4.36		8.0 (2.9 - 9.0)	2.390 (0.680 - 2.880)	10.50	99
25 + 25 + 71	1.65	1.65	4.70		8.0 (2.9 - 9.0)	2.390 (0.680 - 2.880)	10.50	99
25 + 35 + 35	2.07	2.89	2.89		7.85 (2.9 - 9.0)	2.350 (0.690 - 2.920)	10.32	99
25 + 35 + 42	1.96	2.75	3.29		8.0 (2.9 - 9.0)	2.360 (0.690 - 2.900)	10.36	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)					Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Total			
25 + 35 + 50	1.82	2.54	3.64		8.0 (2.9 - 9.0)	2.380 (0.700 - 2.890)	10.45	99
25 + 35 + 60	1.67	2.33	4.00		8.0 (2.9 - 9.0)	2.350 (0.680 - 2.860)	10.32	99
25 + 35 + 71	1.53	2.14	4.33		8.0 (2.9 - 9.0)	2.350 (0.680 - 2.860)	10.32	99
25 + 50 + 50	1.60	3.20	3.20		8.0 (2.9 - 9.0)	2.330 (0.660 - 2.840)	10.23	99
25 + 50 + 60	1.48	2.96	3.56		8.0 (2.9 - 9.0)	2.300 (0.660 - 2.830)	10.10	99
35 + 35 + 35	2.65	2.65	2.65		7.95 (2.9 - 9.0)	2.280 (0.720 - 2.910)	10.01	99
35 + 35 + 42	2.50	2.50	3.00		8.0 (2.9 - 9.0)	2.270 (0.710 - 2.890)	9.97	99
35 + 35 + 50	2.33	2.33	3.34		8.0 (2.9 - 9.0)	2.260 (0.700 - 2.870)	9.93	99
35 + 35 + 60	2.15	2.15	3.7		8.0 (2.9 - 9.0)	2.260 (0.680 - 2.840)	9.93	99
35 + 35 + 71	1.99	1.99	4.02		8.0 (2.9 - 9.0)	2.260 (0.680 - 2.840)	9.93	99
35 + 50 + 50	2.08	2.96	2.96		8.0 (2.9 - 9.0)	2.240 (0.680 - 2.840)	9.84	99
35 + 50 + 60	1.93	2.76	3.31		8.0 (2.9 - 9.0)	2.220 (0.660 - 2.810)	9.75	99
22 + 22 + 22 + 22	1.95	1.95	1.95	1.95	7.8 (3.7 - 9.2)	2.180 (0.810 - 2.670)	9.57	99
22 + 22 + 22 + 25	1.90	1.90	1.90	2.15	7.85 (3.7 - 9.2)	2.190 (0.810 - 2.670)	9.62	99
22 + 22 + 22 + 35	1.73	1.73	1.73	2.76	7.95 (3.7 - 9.2)	2.210 (0.810 - 2.650)	9.71	99
22 + 22 + 22 + 42	1.63	1.63	1.63	3.11	8.0 (3.7 - 9.2)	2.180 (0.800 - 2.630)	9.57	99
22 + 22 + 22 + 50	1.52	1.52	1.52	3.44	8.0 (3.7 - 9.2)	2.150 (0.790 - 2.620)	9.44	99
22 + 22 + 22 + 60	1.40	1.40	1.40	3.80	8.0 (3.7 - 9.2)	2.130 (0.770 - 2.590)	9.35	99
22 + 22 + 22 + 71	1.28	1.28	1.28	4.16	8.0 (3.7 - 9.2)	2.130 (0.770 - 2.590)	9.35	99
22 + 22 + 25 + 25	1.87	1.87	2.13	2.13	7.85 (3.7 - 9.2)	2.190 (0.810 - 2.670)	9.62	99
22 + 22 + 25 + 35	1.68	1.68	1.91	1.91	7.95 (3.7 - 9.2)	2.210 (0.810 - 2.650)	9.71	99
22 + 22 + 25 + 42	1.58	1.58	1.80	3.04	8.0 (3.7 - 9.2)	2.180 (0.800 - 2.630)	9.57	99
22 + 22 + 25 + 50	1.48	1.48	1.68	3.36	8.0 (3.7 - 9.2)	2.150 (0.790 - 2.620)	9.44	99
22 + 22 + 25 + 60	1.36	1.36	1.55	3.73	8.0 (3.7 - 9.2)	2.130 (0.770 - 2.590)	9.35	99
22 + 22 + 25 + 71	1.26	1.26	1.43	4.05	8.0 (3.7 - 9.2)	2.130 (0.770 - 2.590)	9.35	99
22 + 22 + 35 + 35	1.54	1.54	2.46	2.46	8.0 (3.7 - 9.2)	2.210 (0.810 - 2.620)	9.71	99
22 + 22 + 35 + 42	1.45	1.45	2.31	2.79	8.0 (3.7 - 9.2)	2.160 (0.800 - 2.600)	9.49	99
22 + 22 + 35 + 50	1.36	1.36	2.18	3.10	8.0 (3.7 - 9.2)	2.120 (0.790 - 2.590)	9.31	99
22 + 22 + 35 + 60	1.12	1.12	1.92	3.84	8.0 (3.7 - 9.2)	2.100 (0.770 - 2.560)	9.22	99
22 + 22 + 50 + 50	1.22	1.22	2.78	2.78	8.0 (3.7 - 9.2)	2.070 (0.770 - 2.560)	9.09	99
22 + 25 + 25 + 25	1.78	2.04	2.04	2.04	7.9 (3.7 - 9.2)	2.140 (0.810 - 2.670)	9.40	99
22 + 25 + 25 + 35	1.63	1.86	1.86	2.60	7.95 (3.7 - 9.2)	2.210 (0.810 - 2.650)	9.71	99
22 + 25 + 25 + 42	1.54	1.75	1.75	2.96	8.0 (3.7 - 9.2)	2.180 (0.800 - 2.630)	9.57	99
22 + 25 + 25 + 50	1.44	1.64	1.64	3.28	8.0 (3.7 - 9.2)	2.150 (0.790 - 2.620)	9.44	99
22 + 25 + 25 + 60	1.33	1.52	1.52	3.64	8.0 (3.7 - 9.2)	2.130 (0.770 - 2.590)	9.35	99
22 + 25 + 35 + 35	1.51	1.71	2.39	2.39	8.0 (3.7 - 9.2)	2.210 (0.810 - 2.620)	9.71	99
22 + 25 + 35 + 42	1.42	1.61	2.26	2.71	8.0 (3.7 - 9.2)	2.160 (0.800 - 2.600)	9.49	99
22 + 25 + 35 + 50	1.33	1.52	2.12	3.03	8.0 (3.7 - 9.2)	2.120 (0.790 - 2.590)	9.31	99
22 + 25 + 35 + 60	1.24	1.41	1.97	3.38	8.0 (3.7 - 9.2)	2.100 (0.770 - 2.560)	9.22	99
22 + 35 + 35 + 35	1.40	2.20	2.20	2.20	8.0 (3.7 - 9.2)	2.200 (0.810 - 2.610)	9.66	99
22 + 35 + 35 + 42	1.31	2.09	2.09	2.51	8.0 (3.7 - 9.2)	2.140 (0.800 - 2.600)	9.40	99
22 + 35 + 35 + 50	1.24	1.97	1.97	2.82	8.0 (3.7 - 9.2)	2.080 (0.790 - 2.590)	9.13	99
25 + 25 + 25 + 25	1.98	1.98	1.98	1.98	7.92 (3.7 - 9.2)	2.150 (0.810 - 2.670)	9.44	99
25 + 25 + 25 + 35	1.82	1.82	1.82	2.54	8.0 (3.7 - 9.2)	2.220 (0.810 - 2.650)	9.75	99
25 + 25 + 25 + 42	1.71	1.71	1.71	2.87	8.0 (3.7 - 9.2)	2.180 (0.800 - 2.630)	9.57	99
25 + 25 + 25 + 50	1.60	1.60	1.60	3.20	8.0 (3.7 - 9.2)	2.150 (0.790 - 2.620)	9.44	99
25 + 25 + 25 + 60	1.48	1.48	1.48	3.56	8.0 (3.7 - 9.2)	2.130 (0.770 - 2.590)	9.35	99
25 + 25 + 35 + 35	1.67	1.67	2.33	2.33	8.0 (3.7 - 9.2)	2.210 (0.810 - 2.620)	9.71	99
25 + 25 + 35 + 42	1.57	1.57	2.20	2.66	8.0 (3.7 - 9.2)	2.160 (0.800 - 2.600)	9.49	99
25 + 25 + 35 + 50	1.48	1.48	2.08	2.96	8.0 (3.7 - 9.2)	2.120 (0.790 - 2.590)	9.31	99
25 + 35 + 35 + 35	1.55	2.15	2.15	2.15	8.0 (3.7 - 9.2)	2.200 (0.810 - 2.610)	9.66	99
25 + 35 + 35 + 42	1.46	2.04	2.04	2.46	8.0 (3.7 - 9.2)	2.150 (0.800 - 2.590)	9.44	99
35 + 35 + 35 + 35	2.00	2.00	2.00	2.00	8.0 (3.7 - 9.2)	2.190 (0.810 - 2.580)	9.62	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)					Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Total			
22	3.30				3.3 (1.3 - 4.2)	1.050 (0.340 - 1.380)	4.61	99
25	3.60				3.6 (1.2 - 4.5)	1.110 (0.340 - 1.510)	4.87	99
35	4.00				4.0 (1.2 - 4.8)	1.210 (0.330 - 1.570)	5.31	99
42	5.40				5.4 (1.3 - 6.5)	1.990 (0.330 - 2.140)	8.74	99
50	7.20				7.2 (1.4 - 8.2)	2.270 (0.330 - 2.710)	9.97	99
60	7.90				7.9 (1.4 - 8.6)	2.700 (0.330 - 3.060)	11.86	99
71	8.60				8.6 (1.6 - 9.2)	3.220 (0.360 - 3.520)	14.14	99
22 + 22	3.30	3.30			6.6 (1.8 - 7.2)	2.020 (0.480 - 2.760)	8.87	99
22 + 25	3.23	3.67			6.9 (1.8 - 8.7)	2.120 (0.480 - 3.000)	9.31	99
22 + 35	2.82	4.48			7.3 (1.8 - 9.2)	2.130 (0.480 - 3.110)	9.35	99
22 + 42	2.78	5.32			8.1 (1.8 - 9.6)	2.300 (0.470 - 3.120)	10.10	99
22 + 50	2.72	6.18			8.9 (1.8 - 9.9)	2.470 (0.460 - 3.140)	10.85	99
22 + 60	2.52	6.88			9.4 (1.8 - 9.9)	2.710 (0.460 - 3.140)	11.90	99
22 + 71	2.22	7.18			9.4 (1.8 - 9.9)	2.710 (0.460 - 3.140)	11.90	99
25 + 25	3.60	3.60			7.2 (1.8 - 9.1)	2.170 (0.480 - 3.140)	9.53	99
25 + 35	3.17	4.43			7.6 (1.8 - 9.5)	2.210 (0.480 - 3.230)	9.71	99
25 + 42	3.10	5.20			8.3 (1.8 - 9.8)	2.360 (0.470 - 3.240)	10.36	99
25 + 50	3.00	6.00			9.0 (1.8 - 10.1)	2.520 (0.460 - 3.260)	11.07	99
25 + 60	2.76	6.64			9.4 (1.8 - 10.1)	2.710 (0.460 - 3.260)	11.90	99
25 + 71	2.45	6.95			9.4 (1.8 - 10.1)	2.710 (0.460 - 3.260)	11.90	99
35 + 35	4.00	4.00			8.0 (1.8 - 9.8)	2.370 (0.480 - 3.230)	10.41	99
35 + 42	3.95	4.75			8.7 (1.8 - 10.2)	2.460 (0.470 - 3.320)	10.80	99
35 + 50	3.87	5.53			9.4 (1.8 - 10.5)	2.560 (0.460 - 3.420)	11.24	99
35 + 60	3.46	5.94			9.4 (1.8 - 10.5)	2.560 (0.460 - 3.420)	11.24	99
35 + 71	3.10	6.30			9.4 (1.8 - 10.5)	2.560 (0.460 - 3.420)	11.24	99
50 + 50	4.70	4.70			9.4 (1.9 - 11.2)	2.370 (0.440 - 3.320)	10.41	99
50 + 60	4.27	5.37			9.6 (1.9 - 11.2)	2.370 (0.440 - 3.320)	10.41	99
50 + 71	3.88	5.52			9.4 (1.9 - 11.2)	2.370 (0.440 - 3.320)	10.41	99
60 + 60	4.70	4.70			9.4 (1.9 - 11.2)	2.370 (0.440 - 3.320)	10.41	99
60 + 71	4.31	5.09			9.4 (1.9 - 11.2)	2.370 (0.440 - 3.320)	10.41	99
22 + 22 + 22	2.90	2.90	2.90		8.7 (2.6 - 10.6)	2.150 (0.530 - 3.060)	9.44	99
22 + 22 + 25	2.81	2.81	3.18		8.8 (2.6 - 11.1)	2.170 (0.530 - 3.300)	9.53	99
22 + 22 + 35	2.62	2.62	4.16		9.4 (2.6 - 11.6)	2.310 (0.530 - 3.400)	10.14	99
22 + 22 + 42	2.40	2.40	4.60		9.4 (2.6 - 11.6)	2.210 (0.520 - 3.360)	9.71	99
22 + 22 + 50	2.20	2.20	5.00		9.4 (2.6 - 11.6)	2.120 (0.510 - 3.330)	9.31	99
22 + 22 + 60	1.99	1.99	5.42		9.4 (2.6 - 11.6)	2.120 (0.510 - 3.330)	9.31	99
22 + 22 + 71	1.80	1.80	5.80		9.4 (2.6 - 11.6)	2.120 (0.510 - 3.330)	9.31	99
22 + 25 + 25	2.72	3.09	3.09		8.9 (2.6 - 11.6)	2.170 (0.530 - 3.420)	9.53	99
22 + 25 + 35	2.52	2.87	4.01		9.4 (2.6 - 11.6)	2.270 (0.530 - 3.410)	9.97	99
22 + 25 + 42	2.32	2.64	4.44		9.4 (2.6 - 11.6)	2.180 (0.520 - 3.370)	9.57	99
22 + 25 + 50	2.13	2.42	4.85		9.4 (2.6 - 11.6)	2.100 (0.510 - 3.330)	9.22	99
22 + 25 + 60	1.93	2.20	5.27		9.4 (2.6 - 11.6)	2.100 (0.510 - 3.330)	9.22	99
22 + 25 + 71	1.75	1.99	5.66		9.4 (2.6 - 11.6)	2.100 (0.510 - 3.330)	9.22	99
22 + 35 + 35	2.24	3.58	3.58		9.4 (2.6 - 11.6)	2.210 (0.530 - 3.400)	9.71	99
22 + 35 + 42	2.09	3.32	3.99		9.4 (2.7 - 11.6)	2.130 (0.520 - 3.310)	9.35	99
22 + 35 + 50	1.93	3.07	4.39		9.4 (2.7 - 11.6)	2.050 (0.510 - 3.230)	9.00	99
22 + 35 + 60	1.77	2.81	4.82		9.4 (2.7 - 11.6)	2.050 (0.510 - 3.230)	9.00	99
22 + 35 + 71	1.62	2.57	5.21		9.4 (2.7 - 11.6)	2.050 (0.510 - 3.230)	9.00	99
22 + 50 + 50	1.70	3.85	3.85		9.4 (2.7 - 11.6)	1.960 (0.490 - 3.100)	8.61	99
22 + 50 + 60	1.57	3.56	4.27		9.4 (2.7 - 11.6)	1.960 (0.490 - 3.100)	8.61	99
22 + 50 + 71	1.45	3.29	4.66		9.4 (2.7 - 11.6)	1.960 (0.490 - 3.100)	8.61	99
25 + 25 + 25	3.00	3.00	3.00		9.0 (2.6 - 11.6)	2.170 (0.530 - 3.420)	9.53	99
25 + 25 + 35	2.76	2.76	3.87		9.4 (2.6 - 11.6)	2.250 (0.530 - 3.410)	9.88	99
25 + 25 + 42	2.55	2.55	4.30		9.4 (2.6 - 11.6)	2.170 (0.520 - 3.360)	9.53	99
25 + 25 + 50	2.35	2.35	4.70		9.4 (2.6 - 11.6)	2.090 (0.510 - 3.320)	9.18	99
25 + 25 + 60	2.14	2.14	5.12		9.4 (2.6 - 11.6)	2.090 (0.510 - 3.320)	9.18	99
25 + 25 + 71	1.94	1.94	5.52		9.4 (2.6 - 11.6)	2.090 (0.510 - 3.320)	9.18	99
25 + 35 + 35	2.48	3.46	3.46		9.4 (2.6 - 11.6)	2.190 (0.530 - 3.400)	9.62	99
25 + 35 + 42	2.30	3.23	3.87		9.4 (2.7 - 11.6)	2.110 (0.520 - 3.310)	9.27	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)					Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Total			
25 + 35 + 50	2.14	2.99	4.27		9.4 (2.7 - 11.6)	2.030 (0.510 - 3.230)	8.92	99
25 + 35 + 60	1.96	2.74	4.70		9.4 (2.7 - 11.6)	2.030 (0.510 - 3.230)	8.92	99
25 + 35 + 71	1.80	2.50	5.10		9.4 (2.7 - 11.6)	2.030 (0.510 - 3.230)	8.92	99
25 + 50 + 50	1.88	3.76	3.76		9.4 (2.7 - 11.6)	1.940 (0.490 - 3.100)	8.52	99
25 + 50 + 60	1.74	3.48	4.18		9.4 (2.7 - 11.6)	1.940 (0.490 - 3.100)	8.52	99
35 + 35 + 35	3.13	3.13	3.13		9.4 (2.6 - 11.6)	2.170 (0.530 - 3.380)	9.53	99
35 + 35 + 42	2.93	2.93	3.54		9.4 (2.7 - 11.6)	2.090 (0.520 - 3.270)	9.18	99
35 + 35 + 50	2.74	2.74	3.92		9.4 (2.7 - 11.6)	2.010 (0.510 - 3.160)	8.83	99
35 + 35 + 60	2.53	2.53	4.34		9.4 (2.7 - 11.6)	2.010 (0.510 - 3.160)	8.83	99
35 + 35 + 71	2.33	2.33	4.74		9.4 (2.7 - 11.6)	2.010 (0.510 - 3.160)	8.83	99
35 + 50 + 50	2.44	3.48	3.48		9.4 (2.7 - 11.6)	1.920 (0.490 - 3.030)	8.43	99
35 + 50 + 60	2.27	3.24	3.89		9.4 (2.7 - 11.6)	1.920 (0.490 - 3.030)	8.43	99
22 + 22 + 22 + 22	2.35	2.35	2.35	2.35	9.4 (3.4 - 11.6)	2.020 (0.590 - 3.420)	8.87	99
22 + 22 + 22 + 25	2.27	2.27	2.27	2.59	9.4 (3.4 - 11.6)	1.990 (0.590 - 3.410)	8.74	99
22 + 22 + 22 + 35	2.05	2.05	2.05	3.25	9.4 (3.4 - 11.6)	1.960 (0.590 - 3.390)	8.61	99
22 + 22 + 22 + 42	1.91	1.91	1.91	3.67	9.4 (3.5 - 11.6)	1.930 (0.580 - 3.320)	8.48	99
22 + 22 + 22 + 50	1.78	1.78	1.78	4.06	9.4 (3.5 - 11.6)	1.910 (0.580 - 3.260)	8.39	99
22 + 22 + 22 + 60	1.64	1.64	1.64	4.48	9.4 (3.5 - 11.6)	1.910 (0.580 - 3.260)	8.39	99
22 + 22 + 22 + 71	1.51	1.51	1.51	4.87	9.4 (3.5 - 11.6)	1.910 (0.580 - 3.260)	8.39	99
22 + 22 + 25 + 25	2.20	2.20	2.50	2.50	9.4 (3.5 - 11.6)	1.980 (0.590 - 3.400)	8.70	99
22 + 22 + 25 + 35	1.99	1.99	2.26	3.16	9.4 (3.4 - 11.6)	1.940 (0.590 - 3.390)	8.52	99
22 + 22 + 25 + 42	1.86	1.86	2.12	3.56	9.4 (3.5 - 11.6)	1.910 (0.580 - 3.330)	8.39	99
22 + 22 + 25 + 50	1.74	1.74	1.97	3.95	9.4 (3.5 - 11.6)	1.890 (0.580 - 3.270)	8.30	99
22 + 22 + 25 + 60	1.60	1.60	1.83	4.37	9.4 (3.5 - 11.6)	1.890 (0.580 - 3.270)	8.30	99
22 + 22 + 25 + 71	1.48	1.48	1.68	4.76	9.4 (3.5 - 11.6)	1.890 (0.580 - 3.270)	8.30	99
22 + 22 + 35 + 35	1.81	1.81	2.89	2.89	9.4 (3.4 - 11.6)	1.910 (0.590 - 3.340)	8.39	99
22 + 22 + 35 + 42	1.71	1.71	2.72	3.26	9.4 (3.5 - 11.6)	1.860 (0.580 - 3.280)	8.17	99
22 + 22 + 35 + 50	1.60	1.60	2.55	3.65	9.4 (3.5 - 11.6)	1.820 (0.580 - 3.220)	7.99	99
22 + 22 + 35 + 60	1.49	1.49	2.37	4.05	9.4 (3.5 - 11.6)	1.820 (0.580 - 3.220)	7.99	99
22 + 22 + 50 + 50	1.44	1.44	3.26	3.26	9.4 (3.4 - 11.6)	1.750 (0.550 - 3.130)	7.69	99
22 + 25 + 25 + 25	2.14	2.42	2.42	2.42	9.4 (3.4 - 11.6)	1.960 (0.590 - 3.390)	8.61	99
22 + 25 + 25 + 35	1.93	2.20	2.20	3.07	9.4 (3.4 - 11.6)	1.920 (0.590 - 3.370)	8.43	99
22 + 25 + 25 + 42	1.81	2.06	2.06	3.47	9.4 (3.5 - 11.6)	1.890 (0.580 - 3.300)	8.30	99
22 + 25 + 25 + 50	1.70	1.93	1.93	3.84	9.4 (3.5 - 11.6)	1.870 (0.580 - 3.230)	8.21	99
22 + 25 + 25 + 60	1.57	1.78	1.78	4.27	9.4 (3.5 - 11.6)	1.870 (0.580 - 3.230)	8.21	99
22 + 25 + 35 + 35	1.77	2.01	2.81	2.81	9.4 (3.4 - 11.6)	1.890 (0.590 - 3.320)	8.30	99
22 + 25 + 35 + 42	1.67	1.90	2.65	3.18	9.4 (3.5 - 11.6)	1.840 (0.580 - 3.260)	8.08	99
22 + 25 + 35 + 50	1.57	1.78	2.49	3.56	9.4 (3.5 - 11.6)	1.800 (0.580 - 3.200)	7.91	99
22 + 25 + 35 + 60	1.46	1.65	2.32	3.97	9.4 (3.5 - 11.6)	1.800 (0.580 - 3.200)	7.91	99
22 + 35 + 35 + 35	1.63	2.59	2.59	2.59	9.4 (3.4 - 11.6)	1.860 (0.590 - 3.280)	8.17	99
22 + 35 + 35 + 42	1.53	2.46	2.46	2.95	9.4 (3.5 - 11.6)	1.820 (0.580 - 3.240)	7.99	99
22 + 35 + 35 + 50	1.45	2.32	2.32	3.31	9.4 (3.5 - 11.6)	1.780 (0.580 - 3.210)	7.82	99
25 + 25 + 25 + 25	2.35	2.35	2.35	2.35	9.4 (3.4 - 11.6)	1.950 (0.590 - 3.390)	8.56	99
25 + 25 + 25 + 35	2.14	2.14	2.14	2.98	9.4 (3.4 - 11.6)	1.910 (0.590 - 3.350)	8.39	99
25 + 25 + 25 + 42	2.01	2.01	2.01	3.37	9.4 (3.5 - 11.6)	1.880 (0.580 - 3.280)	8.26	99
25 + 25 + 25 + 50	1.88	1.88	1.88	3.76	9.4 (3.5 - 11.6)	1.860 (0.580 - 3.210)	8.17	99
25 + 25 + 25 + 60	1.74	1.74	1.74	4.18	9.4 (3.5 - 11.6)	1.860 (0.580 - 3.210)	8.17	99
25 + 25 + 35 + 35	1.96	1.96	2.74	2.74	9.4 (3.4 - 11.6)	1.870 (0.590 - 3.300)	8.21	99
25 + 25 + 35 + 42	1.85	1.85	2.59	3.11	9.4 (3.5 - 11.6)	1.820 (0.580 - 3.240)	7.99	99
25 + 25 + 35 + 50	1.74	1.74	2.44	3.48	9.4 (3.5 - 11.6)	1.780 (0.580 - 3.190)	7.82	99
25 + 35 + 35 + 35	1.81	2.53	2.53	2.53	9.4 (3.4 - 11.6)	1.840 (0.590 - 3.260)	8.08	99
25 + 35 + 35 + 42	1.72	2.40	2.40	2.88	9.4 (3.5 - 11.6)	1.790 (0.580 - 3.200)	7.86	99
35 + 35 + 35 + 35	2.35	2.35	2.35	2.35	9.4 (3.4 - 11.6)	1.930 (0.590 - 3.230)	8.48	99

Combination Table

MXZ-5A100VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)						Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Total			
22	2.20					2.2 (1.4 - 3.0)	0.680 (0.400 - 0.920)	2.99	99
25	2.50					2.5 (1.4 - 3.3)	0.760 (0.400 - 1.010)	3.34	99
35	3.50					3.5 (1.5 - 4.3)	1.030 (0.400 - 1.290)	4.52	99
42	4.20					4.2 (1.6 - 5.0)	1.230 (0.410 - 1.460)	5.40	99
50	5.00					5.0 (1.6 - 5.6)	1.440 (0.420 - 1.630)	6.32	99
60	6.00					6.0 (1.6 - 6.6)	1.930 (0.400 - 2.130)	8.48	99
71	7.10					7.1 (1.7 - 7.4)	2.580 (0.410 - 2.710)	11.33	99
22 + 22	2.20	2.20				4.4 (2.0 - 5.4)	1.130 (0.600 - 1.600)	4.96	99
22 + 42	2.20	4.20				6.4 (2.0 - 7.2)	2.080 (0.580 - 2.450)	9.13	99
22 + 25	2.20	2.50				4.7 (2.0 - 5.8)	1.270 (0.600 - 1.770)	5.58	99
22 + 35	2.20	3.50				5.7 (2.0 - 6.6)	1.710 (0.600 - 2.200)	7.51	99
22 + 50	2.20	5.00				7.2 (2.0 - 7.7)	2.450 (0.560 - 2.710)	10.76	99
22 + 60	2.09	5.71				7.8 (2.0 - 8.0)	2.750 (0.560 - 3.050)	12.08	99
22 + 71	1.87	6.03				7.9 (2.0 - 8.2)	2.810 (0.560 - 3.200)	12.34	99
25 + 25	2.50	2.50				5.0 (2.0 - 6.2)	1.360 (0.580 - 1.950)	5.97	99
25 + 35	2.50	3.50				6.0 (2.0 - 7.1)	2.010 (0.540 - 2.540)	8.83	99
25 + 42	2.50	4.20				6.7 (2.0 - 7.8)	2.290 (0.550 - 2.870)	10.06	99
25 + 50	2.50	5.00				7.5 (2.0 - 8.5)	2.580 (0.560 - 3.200)	11.33	99
25 + 60	2.29	5.51				7.8 (2.0 - 8.6)	2.750 (0.560 - 3.280)	12.08	99
25 + 71	2.06	5.84				7.9 (2.0 - 8.7)	2.810 (0.560 - 3.320)	12.34	99
35 + 35	3.50	3.50				7.0 (2.0 - 7.1)	2.400 (0.540 - 2.550)	10.54	99
35 + 42	3.36	4.04				7.4 (2.0 - 8.0)	2.580 (0.550 - 2.910)	11.33	99
35 + 50	3.21	4.59				7.8 (2.0 - 8.8)	2.760 (0.560 - 3.280)	12.12	99
35 + 60	2.91	4.99				7.9 (2.0 - 8.8)	2.730 (0.560 - 3.280)	11.99	99
35 + 71	2.74	5.56				8.3 (2.0 - 8.8)	3.050 (0.560 - 3.280)	13.39	99
42 + 42	3.90	3.90				7.8 (2.0 - 8.8)	2.760 (0.560 - 3.280)	12.12	99
42 + 50	3.61	4.29				7.9 (2.0 - 8.8)	2.740 (0.560 - 3.280)	12.03	99
42 + 60	3.34	4.76				8.1 (2.0 - 8.8)	2.890 (0.560 - 3.280)	12.69	99
42 + 71	3.20	5.40				8.6 (2.1 - 9.1)	3.170 (0.550 - 3.440)	13.92	99
50 + 50	4.15	4.15				8.3 (2.1 - 9.1)	3.050 (0.590 - 3.480)	13.39	99
50 + 60	3.91	4.69				8.6 (2.1 - 9.2)	3.250 (0.570 - 3.600)	14.27	99
50 + 71	3.68	5.22				8.9 (2.1 - 9.3)	3.300 (0.550 - 3.600)	14.49	99
60 + 60	4.45	4.45				8.9 (2.1 - 9.3)	3.300 (0.550 - 3.600)	14.49	99
60 + 71	4.17	4.93				9.1 (2.1 - 9.4)	3.450 (0.550 - 3.700)	15.15	99
71 + 71	4.55	4.55				9.1 (2.1 - 9.5)	3.400 (0.550 - 3.700)	14.93	99
22 + 22 + 22	2.20	2.20	2.20			6.6 (2.9 - 8.1)	1.860 (0.690 - 2.410)	8.17	99
22 + 22 + 25	2.20	2.20	2.50			6.9 (2.9 - 8.3)	1.970 (0.670 - 2.510)	8.65	99
22 + 22 + 35	2.14	2.14	3.42			7.7 (2.9 - 9.0)	2.310 (0.690 - 2.970)	10.14	99
22 + 22 + 42	1.99	1.99	3.82			7.8 (2.9 - 9.0)	2.310 (0.690 - 2.940)	10.14	99
22 + 22 + 50	1.85	1.85	4.20			7.9 (2.9 - 9.0)	2.320 (0.700 - 2.920)	10.19	99
22 + 22 + 60	1.82	1.82	4.96			8.6 (2.9 - 9.4)	2.650 (0.680 - 3.000)	11.64	99
22 + 22 + 71	1.65	1.65	5.30			8.6 (2.9 - 9.4)	2.680 (0.680 - 3.000)	11.77	99
22 + 25 + 25	2.20	2.50	2.50			7.2 (2.9 - 8.9)	2.100 (0.690 - 2.940)	9.22	99
22 + 25 + 35	2.09	2.38	3.33			7.8 (2.9 - 9.0)	2.350 (0.690 - 2.970)	10.32	99
22 + 25 + 42	2.03	2.30	3.87			8.2 (2.9 - 9.2)	2.500 (0.690 - 3.000)	10.98	99
22 + 25 + 50	1.93	2.19	4.38			8.5 (2.9 - 9.4)	2.650 (0.700 - 3.040)	11.64	99
22 + 25 + 60	1.77	2.01	4.82			8.6 (2.9 - 9.4)	2.680 (0.680 - 3.000)	11.77	99
22 + 25 + 71	1.62	1.84	5.24			8.7 (2.9 - 9.4)	2.680 (0.680 - 3.000)	11.77	99
22 + 35 + 35	1.88	3.01	3.01			7.9 (2.9 - 9.0)	2.350 (0.690 - 2.920)	10.32	99
22 + 35 + 42	1.82	2.90	3.48			8.2 (2.9 - 9.2)	2.470 (0.690 - 2.960)	10.85	99
22 + 35 + 50	1.75	2.78	3.97			8.5 (2.9 - 9.4)	2.600 (0.700 - 3.010)	11.42	99
22 + 35 + 60	1.64	2.60	4.46			8.7 (2.9 - 9.4)	2.630 (0.680 - 2.970)	11.55	99
22 + 35 + 71	1.58	2.52	5.10			9.2 (2.9 - 9.8)	2.810 (0.680 - 3.120)	12.34	99
22 + 42 + 42	1.70	3.25	3.25			8.5 (2.9 - 9.4)	2.600 (0.700 - 3.010)	11.42	99
22 + 42 + 50	1.66	3.17	3.77			8.6 (2.9 - 9.4)	2.610 (0.690 - 2.990)	11.46	99
22 + 42 + 60	1.60	3.05	4.35			9.0 (2.9 - 9.6)	2.720 (0.680 - 3.040)	11.95	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)						Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Total			
22 + 42 + 71	1.50	2.86	4.84			9.2 (2.9 - 9.9)	2.890 (0.670 - 3.140)	12.69	99
22 + 50 + 50	1.62	3.69	3.69			9.0 (2.9 - 9.8)	2.690 (0.680 - 3.170)	11.81	99
22 + 50 + 60	1.53	3.48	4.19			9.2 (2.9 - 9.9)	2.800 (0.660 - 3.140)	12.30	99
22 + 50 + 71	1.41	3.22	4.57			9.2 (2.9 - 10.0)	2.970 (0.660 - 3.170)	13.04	99
22 + 60 + 60	1.42	3.89	3.89			9.2 (2.9 - 10.0)	2.970 (0.660 - 3.170)	13.04	99
22 + 60 + 71	1.33	3.65	4.32			9.3 (2.9 - 10.5)	3.000 (0.600 - 3.340)	13.18	99
25 + 25 + 25	2.50	2.50	2.50			7.5 (2.9 - 9.0)	2.250 (0.690 - 3.010)	9.88	99
25 + 25 + 35	2.29	2.29	3.22			7.8 (2.9 - 9.0)	2.350 (0.690 - 2.970)	10.32	99
25 + 25 + 42	2.23	2.23	3.74			8.2 (2.9 - 9.2)	2.500 (0.690 - 3.000)	10.98	99
25 + 25 + 50	2.13	2.13	4.24			8.5 (2.9 - 9.4)	2.650 (0.700 - 3.040)	11.64	99
25 + 25 + 60	1.95	1.95	4.70			8.6 (2.9 - 9.4)	2.680 (0.680 - 3.000)	11.77	99
25 + 25 + 71	1.86	1.86	5.28			9.0 (2.9 - 9.8)	2.680 (0.680 - 3.170)	11.77	99
25 + 35 + 35	2.08	2.91	2.91			7.9 (2.9 - 9.0)	2.350 (0.690 - 2.920)	10.32	99
25 + 35 + 42	2.03	2.85	3.42			8.3 (2.9 - 9.2)	2.510 (0.690 - 2.960)	11.02	99
25 + 35 + 50	1.95	2.74	3.91			8.6 (2.9 - 9.4)	2.670 (0.700 - 3.010)	11.73	99
25 + 35 + 60	1.87	2.63	4.50			9.0 (2.9 - 9.8)	2.690 (0.680 - 3.120)	11.81	99
25 + 35 + 71	1.75	2.46	4.99			9.2 (2.9 - 9.9)	2.820 (0.680 - 3.140)	12.38	99
25 + 42 + 42	1.98	3.31	3.31			8.6 (2.9 - 9.4)	2.670 (0.700 - 3.010)	11.73	99
25 + 42 + 50	1.88	3.16	3.76			8.8 (2.9 - 9.6)	2.680 (0.690 - 3.060)	11.77	99
25 + 42 + 60	1.79	3.01	4.30			9.1 (2.9 - 9.9)	2.750 (0.680 - 3.130)	12.08	99
25 + 42 + 71	1.67	2.80	4.73			9.2 (2.9 - 10.0)	2.770 (0.670 - 3.150)	12.17	99
25 + 50 + 50	1.84	3.68	3.68			9.2 (2.9 - 9.9)	2.820 (0.660 - 3.140)	12.38	99
25 + 50 + 60	1.70	3.41	4.09			9.2 (2.9 - 9.9)	2.800 (0.660 - 3.140)	12.30	99
25 + 50 + 71	1.58	3.15	4.47			9.2 (2.9 - 10.0)	2.730 (0.660 - 3.170)	11.99	99
25 + 60 + 60	1.58	3.81	3.81			9.2 (2.9 - 10.0)	2.730 (0.660 - 3.170)	11.99	99
25 + 60 + 71	1.51	3.62	4.27			9.4 (2.9 - 10.5)	2.800 (0.660 - 3.330)	12.30	99
35 + 35 + 35	2.87	2.87	2.87			8.6 (2.9 - 9.4)	2.550 (0.720 - 3.030)	11.20	99
35 + 35 + 42	2.70	2.70	3.40			8.8 (2.9 - 9.6)	2.620 (0.710 - 3.070)	11.51	99
35 + 35 + 50	2.63	2.63	3.74			9.0 (2.9 - 9.8)	2.690 (0.700 - 3.120)	11.81	99
35 + 35 + 60	2.48	2.48	4.24			9.2 (2.9 - 9.9)	2.810 (0.680 - 3.140)	12.34	99
35 + 35 + 71	2.26	2.26	4.58			9.1 (2.9 - 10.0)	2.740 (0.680 - 3.170)	12.03	99
35 + 42 + 42	2.64	3.18	3.18			9.0 (2.9 - 9.8)	2.690 (0.700 - 3.120)	11.81	99
35 + 42 + 50	2.51	3.01	3.58			9.1 (2.9 - 9.9)	2.750 (0.690 - 3.130)	12.08	99
35 + 42 + 60	2.35	2.82	4.03			9.2 (2.9 - 10.0)	2.770 (0.680 - 3.150)	12.17	99
35 + 42 + 71	2.20	2.64	4.46			9.3 (2.9 - 10.3)	2.760 (0.670 - 3.250)	12.12	99
35 + 50 + 50	2.34	3.33	3.33			9.0 (2.9 - 9.9)	2.720 (0.680 - 3.140)	11.95	99
35 + 50 + 60	2.22	3.17	3.81			9.2 (2.9 - 10.0)	2.730 (0.660 - 3.170)	11.99	99
35 + 50 + 71	2.11	3.01	4.28			9.4 (2.9 - 10.5)	2.790 (0.660 - 3.330)	12.25	99
35 + 60 + 60	2.12	3.64	3.64			9.4 (2.9 - 10.5)	2.790 (0.660 - 3.330)	12.25	99
35 + 60 + 71	2.00	3.43	4.07			9.5 (2.9 - 10.8)	2.780 (0.660 - 3.430)	12.21	99
42 + 42 + 42	3.00	3.00	3.00			9.0 (2.9 - 9.9)	2.750 (0.690 - 3.130)	12.08	99
42 + 42 + 50	2.88	2.88	3.44			9.2 (2.9 - 10.0)	2.760 (0.680 - 3.140)	12.12	99
42 + 42 + 60	2.71	2.71	3.88			9.3 (2.9 - 10.2)	2.760 (0.670 - 3.200)	12.12	99
42 + 42 + 71	2.54	2.54	4.32			9.4 (2.9 - 10.5)	2.790 (0.660 - 3.330)	12.25	99
42 + 50 + 50	2.76	3.27	3.27			9.3 (2.9 - 10.2)	2.760 (0.670 - 3.200)	12.12	99
42 + 50 + 60	2.60	3.09	3.71			9.4 (2.9 - 10.5)	2.760 (0.660 - 3.310)	12.12	99
42 + 50 + 71	2.45	2.91	4.14			9.5 (2.9 - 10.8)	2.810 (0.660 - 3.400)	12.34	99
42 + 60 + 60	2.46	3.52	3.52			9.5 (2.9 - 10.8)	2.810 (0.660 - 3.400)	12.34	99
50 + 50 + 50	3.13	3.13	3.13			9.4 (2.9 - 10.8)	2.790 (0.660 - 3.430)	12.25	99
50 + 50 + 60	2.97	2.97	3.56			9.5 (2.9 - 10.9)	2.790 (0.660 - 3.450)	12.25	99
50 + 50 + 71	2.81	2.81	3.98			9.6 (2.9 - 11.0)	2.830 (0.660 - 3.480)	12.43	99
22 + 22 + 22 + 22	1.95	1.95	1.95	1.95		7.8 (3.7 - 9.2)	2.180 (0.810 - 2.670)	9.57	99
22 + 22 + 22 + 25	1.91	1.91	1.91	2.17		7.9 (3.7 - 9.2)	2.190 (0.810 - 2.670)	9.62	99
22 + 22 + 22 + 35	1.76	1.76	1.76	2.82		8.1 (3.7 - 9.4)	2.280 (0.810 - 2.730)	10.01	99
22 + 22 + 22 + 42	1.71	1.71	1.71	3.27		8.4 (3.7 - 9.7)	2.340 (0.800 - 2.830)	10.28	99
22 + 22 + 22 + 50	1.63	1.63	1.63	3.71		8.6 (3.7 - 9.9)	2.410 (0.790 - 2.930)	10.58	99

MXZ-5A100VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)						Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Total			
22 + 22 + 22 + 60	1.57	1.57	1.57	4.29		9.0 (3.7 - 10.1)	2.510 (0.770 - 3.000)	11.02	99
22 + 22 + 22 + 71	1.48	1.48	1.48	4.76		9.2 (3.7 - 10.1)	2.570 (0.770 - 2.980)	11.29	99
22 + 22 + 25 + 25	1.87	1.87	2.13	2.13		8.0 (3.7 - 9.4)	2.260 (0.810 - 2.750)	9.93	99
22 + 22 + 25 + 35	1.82	1.82	2.07	2.89		8.6 (3.7 - 9.9)	2.480 (0.810 - 2.970)	10.89	99
22 + 22 + 25 + 42	1.74	1.74	1.98	3.34		8.8 (3.7 - 10.1)	2.470 (0.800 - 2.990)	10.85	99
22 + 22 + 25 + 50	1.65	1.65	1.87	3.73		8.9 (3.7 - 10.2)	2.460 (0.790 - 3.020)	10.80	99
22 + 22 + 25 + 60	1.53	1.53	1.74	4.20		9.0 (3.7 - 10.1)	2.510 (0.770 - 2.950)	11.02	99
22 + 22 + 25 + 71	1.41	1.41	1.61	4.57		9.0 (3.7 - 10.0)	2.490 (0.770 - 2.920)	10.94	99
22 + 22 + 35 + 35	1.66	1.66	2.64	2.64		8.6 (3.7 - 9.9)	2.480 (0.810 - 2.930)	10.89	99
22 + 22 + 35 + 42	1.62	1.62	2.57	3.09		8.9 (3.7 - 10.1)	2.490 (0.800 - 2.940)	10.94	99
22 + 22 + 35 + 50	1.53	1.53	2.44	3.50		9.0 (3.7 - 10.1)	2.510 (0.790 - 2.950)	11.02	99
22 + 22 + 35 + 60	1.42	1.42	2.27	3.89		9.0 (3.7 - 10.0)	2.490 (0.770 - 2.920)	10.94	99
22 + 22 + 35 + 71	1.38	1.38	2.19	4.45		9.4 (3.7 - 10.5)	2.580 (0.770 - 3.060)	11.33	99
22 + 22 + 42 + 42	1.55	1.55	2.95	2.95		9.0 (3.7 - 10.1)	2.510 (0.790 - 2.950)	11.02	99
22 + 22 + 42 + 50	1.45	1.45	2.78	3.32		9.0 (3.7 - 10.1)	2.500 (0.780 - 2.930)	10.98	99
22 + 22 + 42 + 60	1.38	1.38	2.65	3.79		9.2 (3.7 - 10.3)	2.530 (0.770 - 2.990)	11.11	99
22 + 22 + 42 + 71	1.33	1.33	2.54	4.30		9.5 (3.7 - 10.5)	2.560 (0.770 - 3.040)	11.24	99
22 + 22 + 50 + 50	1.48	1.48	3.37	3.37		9.7 (3.7 - 10.9)	2.740 (0.770 - 3.250)	12.03	99
22 + 22 + 50 + 60	1.34	1.34	3.05	3.67		9.4 (3.7 - 10.5)	2.580 (0.770 - 3.060)	11.33	99
22 + 22 + 50 + 71	1.28	1.28	2.91	4.13		9.6 (3.7 - 10.5)	2.550 (0.770 - 3.030)	11.20	99
22 + 25 + 25 + 25	1.83	2.09	2.09	2.09		8.1 (3.7 - 9.4)	2.200 (0.810 - 2.750)	9.66	99
22 + 25 + 25 + 35	1.77	2.01	2.01	2.81		8.6 (3.7 - 9.9)	2.480 (0.810 - 2.970)	10.89	99
22 + 25 + 25 + 42	1.67	1.91	1.91	3.21		8.7 (3.7 - 10.1)	2.450 (0.800 - 2.960)	10.76	99
22 + 25 + 25 + 50	1.59	1.80	1.80	3.61		8.8 (3.7 - 10.1)	2.430 (0.790 - 2.950)	10.67	99
22 + 25 + 25 + 60	1.50	1.70	1.70	4.10		9.0 (3.7 - 10.2)	2.510 (0.770 - 3.000)	11.02	99
22 + 25 + 25 + 71	1.45	1.64	1.64	4.67		9.4 (3.7 - 10.5)	2.580 (0.770 - 3.060)	11.33	99
22 + 25 + 35 + 35	1.67	1.90	2.66	2.66		8.9 (3.7 - 10.2)	2.460 (0.810 - 3.020)	10.80	99
22 + 25 + 35 + 42	1.60	1.81	2.54	3.05		9.0 (3.7 - 10.2)	2.480 (0.810 - 3.010)	10.89	99
22 + 25 + 35 + 50	1.50	1.70	2.39	3.41		9.0 (3.7 - 10.2)	2.510 (0.810 - 3.000)	11.02	99
22 + 25 + 35 + 60	1.46	1.65	2.32	3.97		9.4 (3.7 - 10.5)	2.600 (0.770 - 3.060)	11.42	99
22 + 25 + 35 + 71	1.35	1.54	2.15	4.36		9.4 (3.7 - 10.6)	2.580 (0.770 - 3.100)	11.33	99
22 + 25 + 42 + 42	1.51	1.71	2.89	2.89		9.0 (3.7 - 10.2)	2.510 (0.810 - 3.000)	11.02	99
22 + 25 + 42 + 50	1.46	1.65	2.78	3.31		9.2 (3.7 - 10.4)	2.550 (0.790 - 3.030)	11.20	99
22 + 25 + 42 + 60	1.39	1.57	2.65	3.79		9.4 (3.7 - 10.6)	2.590 (0.770 - 3.080)	11.37	99
22 + 25 + 42 + 71	1.31	1.48	2.49	4.22		9.5 (3.7 - 10.8)	2.550 (0.770 - 3.130)	11.20	99
22 + 25 + 50 + 50	1.40	1.60	3.20	3.20		9.4 (3.7 - 10.5)	2.600 (0.770 - 3.060)	11.42	99
22 + 25 + 50 + 60	1.32	1.50	2.99	3.59		9.4 (3.7 - 11.0)	2.580 (0.770 - 3.210)	11.33	99
22 + 25 + 50 + 71	1.25	1.43	2.86	4.06		9.6 (3.7 - 11.0)	2.530 (0.770 - 3.170)	11.11	99
22 + 35 + 35 + 35	1.58	2.54	2.54	2.54		9.2 (3.7 - 10.3)	2.580 (0.810 - 3.040)	11.33	99
22 + 35 + 35 + 42	1.53	2.43	2.43	2.91		9.3 (3.7 - 10.2)	2.590 (0.800 - 2.980)	11.37	99
22 + 35 + 35 + 50	1.45	2.32	2.32	3.31		9.4 (3.7 - 10.0)	2.600 (0.790 - 2.920)	11.42	99
22 + 35 + 35 + 60	1.36	2.16	2.16	3.72		9.4 (3.7 - 10.5)	2.580 (0.770 - 3.060)	11.33	99
22 + 35 + 35 + 71	1.30	2.06	2.06	4.18		9.6 (3.7 - 10.9)	2.560 (0.770 - 3.170)	11.24	99
22 + 35 + 42 + 42	1.47	2.33	2.80	2.80		9.4 (3.7 - 10.0)	2.600 (0.790 - 2.920)	11.42	99
22 + 35 + 42 + 50	1.39	2.21	2.65	3.15		9.4 (3.7 - 10.3)	2.600 (0.800 - 3.000)	11.42	99
22 + 35 + 42 + 60	1.32	2.09	2.51	3.58		9.5 (3.7 - 10.7)	2.600 (0.800 - 3.200)	11.42	99
22 + 35 + 42 + 71	1.24	1.98	2.37	4.01		9.6 (3.7 - 11.0)	2.530 (0.770 - 3.170)	11.11	99
22 + 35 + 50 + 50	1.34	2.14	3.06	3.06		9.6 (3.7 - 10.9)	2.540 (0.770 - 3.170)	11.16	99
22 + 42 + 42 + 42	1.39	2.67	2.67	2.67		9.4 (3.7 - 10.3)	2.600 (0.800 - 3.000)	11.42	99
22 + 42 + 42 + 50	1.34	2.56	2.56	3.04		9.5 (3.7 - 10.7)	2.600 (0.800 - 3.200)	11.42	99
22 + 42 + 42 + 60	1.27	2.43	2.43	3.47		9.6 (3.7 - 11.0)	2.530 (0.770 - 3.170)	11.11	99
22 + 42 + 50 + 50	1.29	2.45	2.93	2.93		9.6 (3.7 - 11.0)	2.530 (0.770 - 3.170)	11.11	99
25 + 25 + 25 + 25	2.15	2.15	2.15	2.15		8.6 (3.7 - 9.9)	2.410 (0.810 - 2.990)	10.58	99
25 + 25 + 25 + 35	1.95	1.95	1.95	2.75		8.6 (3.7 - 9.9)	2.490 (0.810 - 2.970)	10.94	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)						Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Total			
25 + 25 + 25 + 42	1.90	1.90	1.90	3.20		8.9 (3.7 - 10.1)	2.500 (0.800 - 2.960)	10.98	99
25 + 25 + 25 + 50	1.80	1.80	1.80	3.60		9.0 (3.7 - 10.1)	2.510 (0.790 - 2.950)	11.02	99
25 + 25 + 25 + 60	1.69	1.69	1.69	4.03		9.1 (3.7 - 10.2)	2.530 (0.770 - 3.000)	11.11	99
25 + 25 + 25 + 71	1.61	1.61	1.61	4.57		9.4 (3.7 - 10.5)	2.580 (0.770 - 3.060)	11.33	99
25 + 25 + 35 + 35	1.83	1.83	2.57	2.57		8.8 (3.7 - 10.1)	2.430 (0.810 - 2.950)	10.67	99
25 + 25 + 35 + 42	1.79	1.79	2.51	3.01		9.1 (3.7 - 10.2)	2.530 (0.800 - 2.970)	11.11	99
25 + 25 + 35 + 50	1.70	1.70	2.39	3.41		9.2 (3.7 - 10.2)	2.640 (0.790 - 3.000)	11.59	99
25 + 25 + 35 + 60	1.62	1.62	2.27	3.89		9.4 (3.7 - 10.5)	2.600 (0.770 - 3.060)	11.42	99
25 + 25 + 35 + 71	1.54	1.54	2.15	4.37		9.6 (3.7 - 11.0)	2.650 (0.770 - 3.210)	11.64	99
25 + 25 + 42 + 42	1.72	1.72	2.88	2.88		9.2 (3.7 - 10.2)	2.640 (0.790 - 3.000)	11.59	99
25 + 25 + 42 + 50	1.64	1.64	2.75	3.27		9.3 (3.7 - 10.4)	2.600 (0.800 - 3.100)	11.42	99
25 + 25 + 42 + 60	1.56	1.56	2.63	3.75		9.5 (3.7 - 10.8)	2.700 (0.800 - 3.200)	11.86	99
25 + 25 + 42 + 71	1.47	1.47	2.46	4.20		9.6 (3.7 - 11.0)	2.560 (0.770 - 3.170)	11.24	99
25 + 25 + 50 + 50	1.57	1.57	3.13	3.13		9.4 (3.7 - 10.5)	2.550 (0.770 - 3.060)	11.20	99
25 + 25 + 50 + 60	1.50	1.50	3.00	3.60		9.6 (3.7 - 11.0)	2.560 (0.770 - 3.170)	11.24	99
25 + 25 + 50 + 71	1.43	1.43	2.87	4.07		9.8 (3.7 - 11.0)	2.610 (0.770 - 3.170)	11.46	99
25 + 35 + 35 + 35	1.74	2.42	2.42	2.42		9.0 (3.7 - 10.2)	2.510 (0.810 - 2.840)	11.02	99
25 + 35 + 35 + 42	1.68	2.35	2.35	2.82		9.2 (3.7 - 10.4)	2.540 (0.800 - 2.950)	11.16	99
25 + 35 + 35 + 50	1.62	2.27	2.27	3.24		9.4 (3.7 - 10.5)	2.580 (0.790 - 3.060)	11.33	99
25 + 35 + 35 + 60	1.55	2.17	2.17	3.71		9.6 (3.7 - 10.5)	2.650 (0.790 - 3.060)	11.64	99
25 + 35 + 35 + 71	1.45	2.02	2.02	4.11		9.6 (3.7 - 10.9)	2.560 (0.770 - 3.170)	11.24	99
25 + 35 + 42 + 42	1.63	2.29	2.74	2.74		9.4 (3.7 - 10.5)	2.580 (0.790 - 3.060)	11.33	99
25 + 35 + 42 + 50	1.56	2.19	2.62	3.13		9.5 (3.7 - 10.5)	2.700 (0.800 - 3.100)	11.86	99
25 + 35 + 42 + 60	1.48	2.07	2.49	3.56		9.6 (3.7 - 10.7)	2.700 (0.800 - 3.200)	11.86	99
25 + 42 + 42 + 42	1.58	2.64	2.64	2.64		9.5 (3.7 - 10.5)	2.700 (0.800 - 3.100)	11.86	99
25 + 42 + 42 + 50	1.50	2.54	2.54	3.02		9.6 (3.7 - 10.7)	2.700 (0.800 - 3.200)	11.86	99
25 + 42 + 42 + 60	1.46	2.43	2.43	3.48		9.8 (3.7 - 11.0)	2.610 (0.770 - 3.170)	11.46	99
25 + 42 + 50 + 50	1.48	2.46	2.93	2.93		9.8 (3.7 - 11.0)	2.610 (0.770 - 3.170)	11.46	99
35 + 35 + 35 + 35	2.35	2.35	2.35	2.35		9.4 (3.7 - 10.5)	2.570 (0.810 - 3.100)	11.29	99
35 + 35 + 35 + 42	2.26	2.26	2.26	2.72		9.5 (3.7 - 10.8)	2.600 (0.790 - 3.150)	11.42	99
35 + 35 + 35 + 50	2.17	2.17	2.17	3.09		9.6 (3.7 - 11.0)	2.640 (0.770 - 3.210)	11.59	99
35 + 35 + 35 + 60	2.04	2.04	2.04	3.48		9.6 (3.7 - 10.9)	2.560 (0.770 - 3.170)	11.24	99
35 + 35 + 42 + 42	2.16	2.16	2.64	2.64		9.6 (3.7 - 11.0)	2.640 (0.770 - 3.210)	11.59	99
35 + 35 + 42 + 50	2.07	2.07	2.49	2.97		9.6 (3.7 - 11.0)	2.600 (0.800 - 3.200)	11.42	99
35 + 42 + 42 + 42	2.10	2.50	2.50	2.50		9.6 (3.7 - 11.0)	2.600 (0.800 - 3.200)	11.42	99
35 + 42 + 42 + 50	2.03	2.43	2.43	2.91		9.8 (3.7 - 11.0)	2.610 (0.770 - 3.170)	11.46	99
42 + 42 + 42 + 42	2.45	2.45	2.45	2.45		9.8 (3.7 - 11.0)	2.610 (0.770 - 3.170)	11.46	99
22 + 22 + 22 + 22 + 22	2.00	2.00	2.00	2.00	2.00	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 22 + 22 + 22 + 25	1.95	1.95	1.95	1.95	2.20	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 22 + 22 + 22 + 35	1.79	1.79	1.79	1.79	2.84	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 22 + 22 + 22 + 42	1.69	1.69	1.69	1.69	3.24	10.0 (3.9 - 11.0)	2.920 (0.780 - 3.490)	12.82	99
22 + 22 + 22 + 22 + 50	1.59	1.59	1.59	1.59	3.64	10.0 (3.9 - 11.0)	2.915 (0.790 - 3.490)	12.80	99
22 + 22 + 22 + 22 + 60	1.49	1.49	1.49	1.49	4.04	10.0 (3.9 - 11.0)	2.905 (0.800 - 3.480)	12.76	99
22 + 22 + 22 + 22 + 71	1.38	1.38	1.38	1.38	4.48	10.0 (3.9 - 11.0)	2.905 (0.800 - 3.480)	12.76	99
22 + 22 + 22 + 25 + 25	1.90	1.90	1.90	2.15	2.15	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 22 + 22 + 25 + 35	1.75	1.75	1.75	1.97	2.78	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 22 + 22 + 25 + 42	1.65	1.65	1.65	1.88	3.17	10.0 (3.9 - 11.0)	2.920 (0.780 - 3.490)	12.82	99
22 + 22 + 22 + 25 + 50	1.56	1.56	1.56	1.77	3.55	10.0 (3.9 - 11.0)	2.915 (0.790 - 3.490)	12.80	99
22 + 22 + 22 + 25 + 60	1.46	1.46	1.46	1.66	3.96	10.0 (3.9 - 11.0)	2.905 (0.800 - 3.480)	12.76	99
22 + 22 + 22 + 25 + 71	1.36	1.36	1.36	1.54	4.38	10.0 (3.9 - 11.0)	2.905 (0.800 - 3.480)	12.76	99
22 + 22 + 22 + 35 + 35	1.62	1.62	1.62	2.57	2.57	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 22 + 22 + 35 + 42	1.53	1.53	1.53	2.45	2.96	10.0 (3.9 - 11.0)	2.920 (0.780 - 3.490)	12.82	99
22 + 22 + 22 + 35 + 50	1.46	1.46	1.46	2.32	3.30	10.0 (3.9 - 11.0)	2.915 (0.790 - 3.490)	12.80	99
22 + 22 + 22 + 35 + 60	1.37	1.37	1.37	2.17	3.72	10.0 (3.9 - 11.0)	2.905 (0.800 - 3.480)	12.76	99
22 + 22 + 22 + 35 + 71	1.28	1.28	1.28	2.03	4.13	10.0 (3.9 - 11.0)	2.905 (0.780 - 3.500)	12.76	99

MXZ-5A100VA

Note Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)						Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Total			
22 + 22 + 22 + 42 + 42	1.46	1.46	1.46	2.81	2.81	10.0 (3.9 - 11.0)	2.915 (0.790 - 3.490)	12.80	99
22 + 22 + 22 + 42 + 50	1.39	1.39	1.39	2.66	3.17	10.0 (3.9 - 11.0)	2.900 (0.800 - 3.500)	12.74	99
22 + 22 + 22 + 42 + 60	1.31	1.31	1.31	2.50	3.57	10.0 (3.9 - 11.0)	2.900 (0.800 - 3.500)	12.74	99
22 + 22 + 25 + 25 + 25	1.85	1.85	2.10	2.10	2.10	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 22 + 25 + 25 + 35	1.71	1.71	1.94	1.94	2.70	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 22 + 25 + 25 + 42	1.61	1.61	1.84	1.84	3.10	10.0 (3.9 - 11.0)	2.920 (0.780 - 3.490)	12.82	99
22 + 22 + 25 + 25 + 50	1.53	1.53	1.74	1.74	3.46	10.0 (3.9 - 11.0)	2.915 (0.790 - 3.490)	12.80	99
22 + 22 + 25 + 25 + 60	1.43	1.43	1.62	1.62	3.90	10.0 (3.9 - 11.0)	2.905 (0.800 - 3.480)	12.76	99
22 + 22 + 25 + 25 + 71	1.33	1.33	1.52	1.52	4.30	10.0 (3.9 - 11.0)	2.905 (0.780 - 3.500)	12.76	99
22 + 22 + 25 + 35 + 35	1.58	1.58	1.80	2.52	2.52	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 22 + 25 + 35 + 42	1.50	1.50	1.71	2.40	2.89	10.0 (3.9 - 11.0)	2.920 (0.780 - 3.490)	12.82	99
22 + 22 + 25 + 35 + 50	1.43	1.43	1.62	2.27	3.25	10.0 (3.9 - 11.0)	2.915 (0.790 - 3.490)	12.80	99
22 + 22 + 25 + 42 + 42	1.43	1.43	1.64	2.75	2.75	10.0 (3.9 - 11.0)	2.915 (0.790 - 3.490)	12.80	99
22 + 22 + 25 + 42 + 50	1.36	1.36	1.55	2.60	3.13	10.0 (3.9 - 11.0)	2.900 (0.800 - 3.500)	12.74	99
22 + 22 + 25 + 42 + 60	1.28	1.28	1.46	2.45	3.53	10.0 (3.9 - 11.0)	2.900 (0.800 - 3.500)	12.74	99
22 + 22 + 35 + 35 + 35	1.47	1.48	2.35	2.35	2.35	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 22 + 35 + 35 + 42	1.41	1.41	2.24	2.24	2.70	10.0 (3.9 - 11.0)	2.920 (0.780 - 3.500)	12.82	99
22 + 22 + 35 + 42 + 42	1.35	1.35	2.14	2.58	2.58	10.0 (3.9 - 11.0)	2.900 (0.800 - 3.500)	12.74	99
22 + 22 + 35 + 42 + 50	1.28	1.28	2.05	2.47	2.92	10.0 (3.9 - 11.0)	2.900 (0.800 - 3.500)	12.74	99
22 + 22 + 42 + 42 + 42	1.28	1.28	2.48	2.48	2.48	10.0 (3.9 - 11.0)	2.900 (0.800 - 3.500)	12.74	99
22 + 25 + 25 + 25 + 25	1.80	2.05	2.05	2.05	2.05	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 25 + 25 + 25 + 35	1.67	1.89	1.89	1.89	2.66	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 25 + 25 + 25 + 42	1.58	1.80	1.80	1.80	3.02	10.0 (3.9 - 11.0)	2.920 (0.780 - 3.490)	12.82	99
22 + 25 + 25 + 25 + 50	1.50	1.70	1.70	1.70	3.40	10.0 (3.9 - 11.0)	2.915 (0.790 - 3.490)	12.80	99
22 + 25 + 25 + 25 + 60	1.40	1.59	1.59	1.59	3.83	10.0 (3.9 - 11.0)	2.905 (0.800 - 3.480)	12.76	99
22 + 25 + 25 + 25 + 71	1.30	1.49	1.49	1.49	4.23	10.0 (3.9 - 11.0)	2.905 (0.780 - 3.500)	12.76	99
22 + 25 + 25 + 35 + 35	1.56	1.76	1.76	2.46	2.46	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 25 + 25 + 35 + 42	1.47	1.68	1.68	2.35	2.82	10.0 (3.9 - 11.0)	2.920 (0.780 - 3.490)	12.82	99
22 + 25 + 25 + 35 + 50	1.40	1.59	1.59	2.23	3.19	10.0 (3.9 - 11.0)	2.915 (0.790 - 3.490)	12.80	99
22 + 25 + 25 + 35 + 60	1.31	1.50	1.50	2.10	3.59	10.0 (3.9 - 11.0)	2.905 (0.780 - 3.500)	12.76	99
22 + 25 + 25 + 42 + 42	1.42	1.60	1.60	2.69	2.69	10.0 (3.9 - 11.0)	2.915 (0.790 - 3.490)	12.80	99
22 + 25 + 25 + 42 + 50	1.35	1.52	1.52	2.56	3.05	10.0 (3.9 - 11.0)	2.905 (0.780 - 3.500)	12.76	99
22 + 25 + 35 + 35 + 35	1.46	1.64	2.30	2.30	2.30	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
22 + 25 + 35 + 35 + 42	1.39	1.57	2.20	2.20	2.64	10.0 (3.9 - 11.0)	2.920 (0.780 - 3.500)	12.82	99
22 + 25 + 35 + 42 + 42	1.32	1.51	2.11	2.53	2.53	10.0 (3.9 - 11.0)	2.905 (0.780 - 3.500)	12.76	99
22 + 35 + 35 + 35 + 42	1.30	2.07	2.07	2.07	2.49	10.0 (3.9 - 11.0)	2.905 (0.780 - 3.500)	12.76	99
25 + 25 + 25 + 25 + 42	1.76	1.76	1.76	1.76	2.96	10.0 (3.9 - 11.0)	2.920 (0.780 - 3.490)	12.82	99
25 + 25 + 25 + 25 + 25	2.00	2.00	2.00	2.00	2.00	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
25 + 25 + 25 + 25 + 35	1.85	1.85	1.85	1.85	2.60	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
25 + 25 + 25 + 25 + 50	1.67	1.67	1.67	1.67	3.32	10.0 (3.9 - 11.0)	2.915 (0.790 - 3.490)	12.80	99
25 + 25 + 25 + 25 + 60	1.56	1.56	1.56	1.56	3.76	10.0 (3.9 - 11.0)	2.905 (0.780 - 3.500)	12.76	99
25 + 25 + 25 + 25 + 71	1.46	1.46	1.46	1.46	4.16	10.0 (3.9 - 11.0)	2.905 (0.780 - 3.500)	12.76	99
25 + 25 + 25 + 35 + 35	1.72	1.72	1.72	2.42	2.42	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
25 + 25 + 25 + 35 + 42	1.64	1.64	1.64	2.30	2.78	10.0 (3.9 - 11.0)	2.920 (0.780 - 3.500)	12.82	99
25 + 25 + 25 + 42 + 42	1.56	1.56	1.56	2.66	2.66	10.0 (3.9 - 11.0)	2.905 (0.780 - 3.500)	12.76	99
25 + 25 + 25 + 42 + 50	1.49	1.50	1.50	2.52	2.99	10.0 (3.9 - 11.0)	2.905 (0.780 - 3.500)	12.76	99
25 + 25 + 35 + 35 + 35	1.61	1.61	2.26	2.26	2.26	10.0 (3.9 - 11.0)	2.935 (0.780 - 3.500)	12.89	99
25 + 25 + 35 + 35 + 42	1.54	1.54	2.16	2.16	2.60	10.0 (3.9 - 11.0)	2.920 (0.780 - 3.490)	12.82	99
25 + 25 + 35 + 35 + 50	1.47	1.47	2.06	2.06	2.94	10.0 (3.9 - 11.0)	2.915 (0.790 - 3.490)	12.80	99

MXZ-5A100VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)						Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Total			
22	3.30					3.3 (1.2 - 4.6)	1.050 (0.340 - 1.590)	4.61	99
25	3.60					3.6 (1.2 - 5.0)	1.110 (0.340 - 1.740)	4.87	99
35	4.00					4.0 (1.2 - 5.3)	1.210 (0.330 - 1.810)	5.31	99
42	5.40					5.4 (1.3 - 6.8)	1.740 (0.330 - 2.260)	7.64	99
50	7.20					7.2 (1.4 - 8.2)	2.270 (0.330 - 2.710)	9.97	99
60	7.90					7.9 (1.4 - 8.6)	2.700 (0.330 - 3.060)	11.86	99
71	8.60					8.6 (1.6 - 9.2)	3.220 (0.360 - 3.520)	14.14	99
22 + 22	3.30	3.30				6.6 (1.8 - 7.2)	2.020 (0.480 - 2.760)	8.87	99
22 + 42	2.78	5.32				8.1 (1.8 - 9.9)	2.300 (0.470 - 3.230)	10.10	99
22 + 25	3.23	3.67				6.9 (1.8 - 8.7)	2.120 (0.480 - 3.000)	9.31	99
22 + 35	2.82	4.48				7.3 (1.8 - 9.2)	2.130 (0.480 - 3.110)	9.35	99
22 + 50	2.72	6.18				8.9 (1.8 - 10.5)	2.470 (0.460 - 3.360)	10.85	99
22 + 60	2.68	7.32				10.0 (1.8 - 10.5)	2.900 (0.460 - 3.360)	12.74	99
22 + 71	2.37	7.63				10.0 (1.8 - 10.5)	2.900 (0.460 - 3.360)	12.74	99
25 + 25	3.60	3.60				7.2 (1.8 - 9.1)	2.170 (0.480 - 3.140)	9.53	99
25 + 35	3.17	4.43				7.6 (1.8 - 9.5)	2.210 (0.480 - 3.230)	9.71	99
25 + 42	3.10	5.20				8.3 (1.8 - 9.8)	2.360 (0.470 - 3.240)	10.36	99
25 + 50	3.00	6.00				9.0 (1.8 - 10.1)	2.520 (0.460 - 3.260)	11.07	99
25 + 60	3.09	7.41				10.5 (1.8 - 11.2)	3.390 (0.460 - 3.660)	14.89	99
25 + 71	2.73	7.77				10.5 (1.8 - 11.3)	3.390 (0.460 - 3.690)	14.89	99
35 + 35	4.00	4.00				8.0 (1.8 - 9.8)	2.370 (0.480 - 3.230)	10.41	99
35 + 42	4.23	5.07				9.3 (1.8 - 10.5)	2.770 (0.470 - 3.400)	12.17	99
35 + 50	4.32	6.18				10.5 (1.8 - 11.0)	3.180 (0.460 - 3.580)	13.97	99
35 + 60	3.87	6.63				10.5 (1.8 - 11.1)	3.180 (0.460 - 3.610)	13.97	99
35 + 71	3.50	7.10				10.6 (1.8 - 11.4)	3.210 (0.460 - 3.690)	14.10	99
42 + 42	5.25	5.25				10.5 (1.8 - 11.0)	3.180 (0.460 - 3.580)	13.97	99
42 + 50	4.79	5.71				10.5 (1.8 - 11.1)	3.180 (0.460 - 3.590)	13.97	99
42 + 60	4.36	6.24				10.6 (1.8 - 11.3)	3.190 (0.460 - 3.650)	14.01	99
42 + 71	3.94	6.66				10.6 (1.9 - 11.7)	3.090 (0.450 - 3.780)	13.57	99
50 + 50	5.30	5.30				10.6 (1.9 - 11.9)	2.980 (0.440 - 3.770)	13.09	99
50 + 60	4.82	5.78				10.6 (1.9 - 11.9)	2.980 (0.440 - 3.770)	13.09	99
50 + 71	4.38	6.22				10.6 (1.9 - 12.0)	2.980 (0.440 - 3.870)	13.09	99
60 + 60	5.30	5.30				10.6 (1.9 - 12.0)	2.980 (0.440 - 3.870)	13.09	99
60 + 71	4.85	5.75				10.6 (1.9 - 12.1)	2.980 (0.440 - 3.910)	13.09	99
71 + 71	5.30	5.30				10.6 (1.9 - 12.2)	2.980 (0.440 - 3.960)	13.09	99
22 + 22 + 22	2.90	2.90	2.90			8.7 (2.6 - 10.6)	2.150 (0.530 - 3.060)	9.44	99
22 + 22 + 25	2.80	2.81	3.19			8.8 (2.6 - 11.1)	2.170 (0.530 - 3.330)	9.53	99
22 + 22 + 35	2.78	2.78	4.44			10.0 (2.6 - 12.6)	2.810 (0.530 - 3.710)	12.34	99
22 + 22 + 42	2.68	2.68	5.14			10.5 (2.6 - 12.6)	2.850 (0.520 - 3.530)	12.52	99
22 + 22 + 50	2.57	2.57	5.86			11.0 (2.6 - 12.6)	2.900 (0.510 - 3.350)	12.74	99
22 + 22 + 60	2.33	2.33	6.35			11.0 (2.6 - 12.6)	2.890 (0.510 - 3.340)	12.69	99
22 + 22 + 71	2.10	2.10	6.80			11.0 (2.6 - 12.6)	2.890 (0.510 - 3.340)	12.69	99
22 + 25 + 25	2.72	3.09	3.09			8.9 (2.6 - 12.6)	2.170 (0.530 - 3.420)	9.53	99
22 + 25 + 35	2.68	3.05	4.27			10.0 (2.6 - 12.6)	2.750 (0.530 - 3.700)	12.08	99
22 + 25 + 42	2.59	2.95	4.96			10.5 (2.6 - 12.6)	2.810 (0.520 - 3.520)	12.34	99
22 + 25 + 50	2.49	2.84	5.67			11.0 (2.6 - 12.6)	2.880 (0.510 - 3.340)	12.65	99
22 + 25 + 60	2.26	2.57	6.17			11.0 (2.6 - 12.6)	2.870 (0.510 - 3.330)	12.60	99
22 + 25 + 71	2.05	2.33	6.62			11.0 (2.6 - 12.6)	2.870 (0.510 - 3.330)	12.60	99
22 + 35 + 35	2.52	3.99	3.99			10.5 (2.6 - 12.6)	2.970 (0.530 - 3.700)	13.04	99
22 + 35 + 42	2.40	3.82	4.58			10.8 (2.7 - 12.6)	2.920 (0.520 - 3.510)	12.82	99
22 + 35 + 50	2.26	3.60	5.14			11.0 (2.7 - 12.6)	2.870 (0.510 - 3.330)	12.60	99
22 + 35 + 60	2.07	3.29	5.64			11.0 (2.7 - 12.6)	2.860 (0.510 - 3.320)	12.56	99
22 + 35 + 71	1.89	3.01	6.10			11.0 (2.7 - 12.6)	2.860 (0.510 - 3.320)	12.56	99
22 + 42 + 42	2.28	4.36	4.36			11.0 (2.7 - 12.6)	2.870 (0.510 - 3.330)	12.60	99
22 + 42 + 50	2.12	4.06	4.82			11.0 (2.7 - 12.6)	2.860 (0.510 - 3.320)	12.56	99
22 + 42 + 60	1.95	3.73	5.32			11.0 (2.7 - 12.6)	2.860 (0.510 - 3.320)	12.56	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)						Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Total			
22 + 42 + 71	1.79	3.42	5.79			11.0 (2.7 - 12.6)	2.780 (0.500 - 3.350)	12.21	99
22 + 50 + 50	1.98	4.51	4.51			11.0 (2.7 - 12.6)	2.720 (0.490 - 3.270)	11.95	99
22 + 50 + 60	1.83	4.17	5.00			11.0 (2.7 - 12.6)	2.710 (0.490 - 3.390)	11.90	99
22 + 50 + 71	1.69	3.85	5.46			11.0 (2.7 - 12.6)	2.710 (0.490 - 3.380)	11.90	99
22 + 60 + 60	1.70	4.65	4.65			11.0 (2.7 - 12.6)	2.710 (0.490 - 3.380)	11.90	99
22 + 60 + 71	1.58	4.31	5.11			11.0 (2.7 - 12.6)	2.710 (0.490 - 3.380)	11.90	99
25 + 25 + 25	3.00	3.00	3.00			9.0 (2.6 - 12.6)	2.170 (0.530 - 3.750)	9.53	99
25 + 25 + 35	2.97	2.97	4.16			10.1 (2.6 - 12.6)	2.480 (0.530 - 3.750)	10.89	99
25 + 25 + 42	2.88	2.88	4.84			10.6 (2.6 - 12.6)	2.670 (0.520 - 3.600)	11.73	99
25 + 25 + 50	2.75	2.75	5.50			11.0 (2.6 - 12.6)	2.870 (0.510 - 3.450)	12.60	99
25 + 25 + 60	2.50	2.50	6.00			11.0 (2.6 - 12.6)	2.860 (0.510 - 3.440)	12.56	99
25 + 25 + 71	2.27	2.27	6.46			11.0 (2.6 - 12.6)	2.860 (0.510 - 3.440)	12.56	99
25 + 35 + 35	2.76	3.87	3.87			10.5 (2.6 - 12.6)	2.890 (0.530 - 3.700)	12.69	99
25 + 35 + 42	2.65	3.70	4.45			10.8 (2.7 - 12.6)	2.720 (0.520 - 3.570)	11.95	99
25 + 35 + 50	2.50	3.50	5.00			11.0 (2.7 - 12.6)	2.550 (0.510 - 3.440)	11.20	99
25 + 35 + 60	2.29	3.21	5.50			11.0 (2.7 - 12.6)	2.860 (0.510 - 3.430)	12.56	99
25 + 35 + 71	2.10	2.94	5.96			11.0 (2.7 - 12.6)	2.850 (0.510 - 3.260)	12.52	99
25 + 42 + 42	2.52	4.24	4.24			11.0 (2.7 - 12.6)	2.550 (0.510 - 3.440)	11.20	99
25 + 42 + 50	2.35	3.95	4.70			11.0 (2.7 - 12.6)	2.700 (0.510 - 3.430)	11.86	99
25 + 42 + 60	2.16	3.64	5.20			11.0 (2.7 - 12.6)	2.850 (0.510 - 3.340)	12.52	99
25 + 42 + 71	1.99	3.35	5.66			11.0 (2.7 - 12.6)	2.770 (0.500 - 3.250)	12.17	99
25 + 50 + 50	2.20	4.40	4.40			11.0 (2.7 - 12.6)	2.700 (0.490 - 3.260)	11.86	99
25 + 50 + 60	2.04	4.07	4.89			11.0 (2.7 - 12.6)	2.700 (0.490 - 3.380)	11.86	99
25 + 50 + 71	1.88	3.77	5.35			11.0 (2.7 - 12.6)	2.700 (0.490 - 3.250)	11.86	99
25 + 60 + 60	1.90	4.55	4.55			11.0 (2.7 - 12.6)	2.700 (0.490 - 3.250)	11.86	99
25 + 60 + 71	1.76	4.23	5.01			11.0 (2.7 - 12.6)	2.700 (0.490 - 3.250)	11.86	99
35 + 35 + 35	3.33	3.33	3.33			10.0 (2.6 - 12.6)	2.730 (0.530 - 3.700)	11.99	99
35 + 35 + 42	3.28	3.28	3.94			10.5 (2.7 - 12.6)	2.790 (0.520 - 3.560)	12.25	99
35 + 35 + 50	3.21	3.21	4.58			11.0 (2.7 - 12.6)	2.850 (0.510 - 3.430)	12.52	99
35 + 35 + 60	2.96	2.96	5.08			11.0 (2.7 - 12.6)	2.850 (0.510 - 3.430)	12.52	99
35 + 35 + 71	2.73	2.73	5.54			11.0 (2.7 - 12.6)	2.850 (0.510 - 3.430)	12.52	99
35 + 42 + 42	3.24	3.88	3.88			11.0 (2.7 - 12.6)	2.850 (0.510 - 3.430)	12.52	99
35 + 42 + 50	3.03	3.64	4.33			11.0 (2.7 - 12.6)	2.850 (0.510 - 3.430)	12.52	99
35 + 42 + 60	2.81	3.37	4.82			11.0 (2.7 - 12.6)	2.850 (0.510 - 3.430)	12.52	99
35 + 42 + 71	2.60	3.12	5.28			11.0 (2.7 - 12.6)	2.770 (0.500 - 3.340)	12.17	99
35 + 50 + 50	2.86	4.07	4.07			11.0 (2.7 - 12.6)	2.700 (0.490 - 3.250)	11.86	99
35 + 50 + 60	2.66	3.79	4.55			11.0 (2.7 - 12.6)	2.700 (0.490 - 3.250)	11.86	99
35 + 50 + 71	2.46	3.53	5.01			11.0 (2.7 - 12.6)	2.700 (0.490 - 3.250)	11.86	99
35 + 60 + 60	2.48	4.26	4.26			11.0 (2.7 - 12.6)	2.700 (0.490 - 3.250)	11.86	99
35 + 60 + 71	2.32	3.98	4.70			11.0 (2.7 - 12.6)	2.700 (0.490 - 3.250)	11.86	99
42 + 42 + 42	3.60	3.60	3.60			10.8 (2.7 - 12.6)	2.850 (0.510 - 3.430)	12.52	99
42 + 42 + 50	3.45	3.45	4.10			11.0 (2.7 - 12.6)	2.850 (0.510 - 3.430)	12.52	99
42 + 42 + 60	3.21	3.21	4.58			11.0 (2.7 - 12.6)	2.810 (0.500 - 3.380)	12.34	99
42 + 42 + 71	2.98	2.98	5.04			11.0 (2.7 - 12.6)	2.700 (0.490 - 3.250)	11.86	99
42 + 50 + 50	3.26	3.87	3.87			11.0 (2.7 - 12.6)	2.810 (0.500 - 3.380)	12.34	99
42 + 50 + 60	3.04	3.62	4.34			11.0 (2.7 - 12.6)	2.690 (0.490 - 3.240)	11.81	99
42 + 50 + 71	2.83	3.38	4.79			11.0 (2.7 - 12.6)	2.690 (0.490 - 3.240)	11.81	99
42 + 60 + 60	2.86	4.07	4.07			11.0 (2.7 - 12.6)	2.690 (0.490 - 3.240)	11.81	99
50 + 50 + 50	3.67	3.67	3.67			11.0 (2.7 - 12.6)	2.700 (0.490 - 3.250)	11.86	99
50 + 50 + 60	3.43	3.44	4.13			11.0 (2.7 - 12.6)	2.690 (0.490 - 3.240)	11.81	99
50 + 50 + 71	3.22	3.22	4.56			11.0 (2.7 - 12.6)	2.690 (0.490 - 3.240)	11.81	99
22 + 22 + 22 + 22	2.50	2.50	2.50	2.50		10.0 (3.4 - 13.3)	2.180 (0.590 - 3.900)	9.57	99
22 + 22 + 22 + 25	2.42	2.42	2.42	2.74		10.0 (3.4 - 13.3)	2.170 (0.590 - 3.900)	9.53	99
22 + 22 + 22 + 35	2.29	2.29	2.29	3.64		10.5 (3.4 - 13.3)	2.290 (0.590 - 3.900)	10.06	99
22 + 22 + 22 + 42	2.20	2.20	2.20	4.20		10.8 (3.5 - 13.3)	2.340 (0.580 - 3.890)	10.28	99
22 + 22 + 22 + 50	2.09	2.09	2.09	4.73		11.0 (3.5 - 13.3)	2.390 (0.580 - 3.890)	10.50	99

MXZ-5A100VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)						Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Total			
22 + 22 + 22 + 60	1.92	1.92	1.92	5.24		11.0 (3.5 - 13.3)	2.380 (0.580 - 3.880)	10.45	99
22 + 22 + 22 + 71	1.77	1.77	1.77	5.69		11.0 (3.5 - 13.3)	2.380 (0.580 - 3.880)	10.45	99
22 + 22 + 25 + 25	2.34	2.34	2.66	2.66		10.0 (3.4 - 13.3)	2.160 (0.590 - 3.900)	9.49	99
22 + 22 + 25 + 35	2.22	2.22	2.52	3.54		10.5 (3.4 - 13.3)	2.280 (0.590 - 3.900)	10.01	99
22 + 22 + 25 + 42	2.14	2.14	2.43	4.09		10.8 (3.5 - 13.3)	2.330 (0.580 - 3.890)	10.23	99
22 + 22 + 25 + 50	2.03	2.03	2.31	4.63		11.0 (3.5 - 13.3)	2.380 (0.580 - 3.890)	10.45	99
22 + 22 + 25 + 60	1.88	1.88	2.13	5.11		11.0 (3.5 - 13.3)	2.370 (0.580 - 3.880)	10.41	99
22 + 22 + 25 + 71	1.73	1.73	1.96	5.58		11.0 (3.5 - 13.3)	2.370 (0.580 - 3.880)	10.41	99
22 + 22 + 35 + 35	2.03	2.03	3.22	3.22		10.5 (3.4 - 13.3)	2.280 (0.590 - 3.900)	10.01	99
22 + 22 + 35 + 42	1.96	1.96	3.12	3.76		10.8 (3.5 - 13.3)	2.320 (0.580 - 3.890)	10.19	99
22 + 22 + 35 + 50	1.88	1.88	2.98	4.26		11.0 (3.5 - 13.3)	2.370 (0.580 - 3.890)	10.41	99
22 + 22 + 35 + 60	1.74	1.74	2.77	4.75		11.0 (3.5 - 13.3)	2.360 (0.580 - 3.880)	10.36	99
22 + 22 + 35 + 71	1.61	1.61	2.57	5.21		11.0 (3.5 - 13.3)	2.360 (0.580 - 3.880)	10.36	99
22 + 22 + 42 + 42	1.89	1.89	3.61	3.61		11.0 (3.5 - 13.3)	2.370 (0.580 - 3.890)	10.41	99
22 + 22 + 42 + 50	1.78	1.78	3.40	4.04		11.0 (3.5 - 13.3)	2.360 (0.580 - 3.880)	10.36	99
22 + 22 + 42 + 60	1.66	1.66	3.16	4.52		11.0 (3.5 - 13.3)	2.360 (0.580 - 3.880)	10.36	99
22 + 22 + 42 + 71	1.54	1.54	2.94	4.98		11.0 (3.5 - 13.3)	2.310 (0.580 - 3.890)	10.14	99
22 + 22 + 50 + 50	1.68	1.68	3.82	3.82		11.0 (3.4 - 13.3)	2.270 (0.550 - 3.880)	9.97	99
22 + 22 + 50 + 60	1.57	1.57	3.57	4.29		11.0 (3.5 - 13.3)	2.260 (0.580 - 3.870)	9.93	99
22 + 22 + 50 + 71	1.47	1.47	3.33	4.73		11.0 (3.5 - 13.3)	2.260 (0.580 - 3.900)	9.93	99
22 + 25 + 25 + 25	2.37	2.71	2.71	2.71		10.5 (3.4 - 13.3)	2.290 (0.590 - 3.900)	10.06	99
22 + 25 + 25 + 35	2.16	2.45	2.45	3.44		10.5 (3.4 - 13.3)	2.280 (0.590 - 3.900)	10.01	99
22 + 25 + 25 + 42	2.08	2.37	2.37	3.98		10.8 (3.5 - 13.3)	2.330 (0.580 - 3.890)	10.23	99
22 + 25 + 25 + 50	1.98	2.25	2.25	4.52		11.0 (3.5 - 13.3)	2.380 (0.580 - 3.890)	10.45	99
22 + 25 + 25 + 60	1.83	2.08	2.08	5.01		11.0 (3.5 - 13.3)	2.360 (0.580 - 3.880)	10.36	99
22 + 25 + 25 + 71	1.69	1.92	1.92	5.47		11.0 (3.5 - 13.3)	2.360 (0.580 - 3.880)	10.36	99
22 + 25 + 35 + 35	2.07	2.35	3.29	3.29		11.0 (3.4 - 13.3)	2.520 (0.590 - 3.900)	11.07	99
22 + 25 + 35 + 42	1.95	2.22	3.10	3.73		11.0 (3.5 - 13.3)	2.430 (0.580 - 3.890)	10.67	99
22 + 25 + 35 + 50	1.83	2.08	2.92	4.17		11.0 (3.5 - 13.3)	2.350 (0.580 - 3.890)	10.32	99
22 + 25 + 35 + 60	1.70	1.94	2.71	4.65		11.0 (3.5 - 13.3)	2.340 (0.580 - 3.880)	10.28	99
22 + 25 + 35 + 71	1.58	1.80	2.52	5.10		11.0 (3.5 - 13.3)	2.340 (0.580 - 3.880)	10.28	99
22 + 25 + 42 + 42	1.84	2.10	3.53	3.53		11.0 (3.5 - 13.3)	2.350 (0.580 - 3.890)	10.32	99
22 + 25 + 42 + 50	1.74	1.98	3.32	3.96		11.0 (3.5 - 13.3)	2.340 (0.580 - 3.880)	10.28	99
22 + 25 + 42 + 60	1.62	1.85	3.10	4.43		11.0 (3.5 - 13.3)	2.340 (0.580 - 3.880)	10.28	99
22 + 25 + 42 + 71	1.51	1.72	2.89	4.88		11.0 (3.5 - 13.3)	2.290 (0.580 - 3.890)	10.06	99
22 + 25 + 50 + 50	1.65	1.87	3.74	3.74		11.0 (3.5 - 13.3)	2.260 (0.580 - 3.880)	9.93	99
22 + 25 + 50 + 60	1.54	1.75	3.50	4.21		11.0 (3.5 - 13.3)	2.250 (0.580 - 3.870)	9.88	99
22 + 25 + 50 + 71	1.44	1.64	3.27	4.65		11.0 (3.5 - 13.3)	2.250 (0.580 - 3.900)	9.88	99
22 + 35 + 35 + 35	1.91	3.03	3.03	3.03		11.0 (3.4 - 13.3)	2.550 (0.590 - 3.900)	11.20	99
22 + 35 + 35 + 42	1.81	2.87	2.87	3.45		11.0 (3.5 - 13.3)	2.450 (0.580 - 3.890)	10.76	99
22 + 35 + 35 + 50	1.70	2.71	2.71	3.88		11.0 (3.5 - 13.3)	2.350 (0.580 - 3.890)	10.32	99
22 + 35 + 35 + 60	1.59	2.53	2.53	4.35		11.0 (3.5 - 13.3)	2.340 (0.580 - 3.880)	10.28	99
22 + 35 + 35 + 71	1.48	2.36	2.36	4.80		11.0 (3.5 - 13.3)	2.340 (0.580 - 3.900)	10.28	99
22 + 35 + 42 + 42	1.71	2.73	3.28	3.28		11.0 (3.5 - 13.3)	2.350 (0.580 - 3.890)	10.32	99
22 + 35 + 42 + 50	1.61	2.59	3.10	3.69		11.0 (3.5 - 13.3)	2.400 (0.600 - 3.900)	10.54	99
22 + 35 + 42 + 60	1.52	2.42	2.91	4.15		11.0 (3.5 - 13.3)	2.300 (0.600 - 3.900)	10.10	99
22 + 35 + 42 + 71	1.42	2.27	2.72	4.59		11.0 (3.5 - 13.3)	2.250 (0.580 - 3.900)	9.88	99
22 + 35 + 50 + 50	1.54	2.45	3.50	3.51		11.0 (3.5 - 13.3)	2.240 (0.580 - 3.880)	9.84	99
22 + 42 + 42 + 42	7.88	3.12	3.12	3.12		11.0 (3.5 - 13.3)	2.400 (0.600 - 3.900)	10.54	99
22 + 42 + 42 + 50	1.55	2.96	2.96	3.53		11.0 (3.5 - 13.3)	2.300 (0.600 - 3.900)	10.10	99
22 + 42 + 42 + 60	1.46	2.79	2.79	3.96		11.0 (3.5 - 13.3)	2.250 (0.580 - 3.900)	9.88	99
22 + 42 + 50 + 50	1.48	2.82	3.35	3.35		11.0 (3.5 - 13.3)	2.250 (0.580 - 3.900)	9.88	99
25 + 25 + 25 + 25	2.50	2.50	2.50	2.50		10.0 (3.4 - 13.3)	2.160 (0.590 - 3.900)	9.49	99
25 + 25 + 25 + 35	2.27	2.27	2.27	3.19		10.0 (3.4 - 13.3)	2.150 (0.590 - 3.900)	9.44	99

MXZ-5A100VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)						Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Total			
25 + 25 + 25 + 42	2.24	2.24	2.24	3.78		10.5 (3.5 - 13.3)	2.250 (0.580 - 3.890)	9.88	99
25 + 25 + 25 + 50	2.20	2.20	2.20	4.40		11.0 (3.5 - 13.3)	2.360 (0.580 - 3.890)	10.36	99
25 + 25 + 25 + 60	2.04	2.04	2.04	4.88		11.0 (3.5 - 13.3)	2.350 (0.580 - 3.880)	10.32	99
25 + 25 + 25 + 71	1.88	1.88	1.88	5.36		11.0 (3.5 - 13.3)	2.350 (0.580 - 3.880)	10.32	99
25 + 25 + 35 + 35	2.29	2.29	3.21	3.21		11.0 (3.4 - 13.3)	2.550 (0.590 - 3.900)	11.20	99
25 + 25 + 35 + 42	2.16	2.16	3.03	3.65		11.0 (3.5 - 13.3)	2.440 (0.580 - 3.890)	10.72	99
25 + 25 + 35 + 50	2.04	2.04	2.85	4.07		11.0 (3.5 - 13.3)	2.330 (0.580 - 3.890)	10.23	99
25 + 25 + 35 + 60	1.90	1.90	2.66	4.54		11.0 (3.5 - 13.3)	2.300 (0.580 - 3.880)	10.10	99
25 + 25 + 35 + 71	1.76	1.76	2.47	5.01		11.0 (3.5 - 13.3)	2.300 (0.580 - 3.880)	10.10	99
25 + 25 + 42 + 42	2.05	2.05	3.45	3.45		11.0 (3.5 - 13.3)	2.330 (0.580 - 3.890)	10.23	99
25 + 25 + 42 + 50	1.93	1.93	3.25	3.88		11.0 (3.5 - 13.3)	2.300 (0.600 - 3.900)	10.10	99
25 + 25 + 42 + 60	1.81	1.81	3.04	4.34		11.0 (3.5 - 13.3)	2.300 (0.600 - 3.900)	10.10	99
25 + 25 + 42 + 71	1.68	1.68	2.83	4.80		11.0 (3.5 - 13.3)	2.240 (0.580 - 3.880)	9.84	99
25 + 25 + 50 + 50	1.83	1.83	3.67	3.67		11.0 (3.5 - 13.3)	2.250 (0.580 - 3.880)	9.88	99
25 + 25 + 50 + 60	1.72	1.72	3.44	4.12		11.0 (3.5 - 13.3)	2.240 (0.580 - 3.880)	9.84	99
25 + 25 + 50 + 71	1.61	1.61	3.22	4.56		11.0 (3.5 - 13.3)	2.240 (0.580 - 3.880)	9.84	99
25 + 35 + 35 + 35	2.12	2.96	2.96	2.96		11.0 (3.4 - 13.3)	2.520 (0.590 - 3.900)	11.07	99
25 + 35 + 35 + 42	2.01	2.81	2.81	3.37		11.0 (3.5 - 13.3)	2.400 (0.580 - 3.890)	10.54	99
25 + 35 + 35 + 50	1.89	2.66	2.66	3.79		11.0 (3.5 - 13.3)	2.290 (0.580 - 3.890)	10.06	99
25 + 35 + 35 + 60	1.77	2.48	2.48	4.27		11.0 (3.5 - 13.3)	2.290 (0.580 - 3.880)	10.06	99
25 + 35 + 35 + 71	1.66	2.32	2.32	4.70		11.0 (3.5 - 13.3)	2.290 (0.580 - 3.900)	10.06	99
25 + 35 + 42 + 42	1.91	2.67	3.21	3.21		11.0 (3.5 - 13.3)	2.290 (0.580 - 3.890)	10.06	99
25 + 35 + 42 + 50	1.81	2.53	3.04	3.62		11.0 (3.5 - 13.3)	2.300 (0.600 - 3.900)	10.10	99
25 + 35 + 42 + 60	1.70	2.38	2.85	4.07		11.0 (3.5 - 13.3)	2.300 (0.600 - 3.900)	10.10	99
25 + 42 + 42 + 42	1.82	3.06	3.06	3.06		11.0 (3.5 - 13.3)	2.300 (0.600 - 3.900)	10.10	99
25 + 42 + 42 + 50	1.72	2.91	2.91	3.46		11.0 (3.5 - 13.3)	2.300 (0.600 - 3.900)	10.10	99
25 + 42 + 42 + 60	1.63	2.73	2.73	3.91		11.0 (3.5 - 13.3)	2.240 (0.580 - 3.880)	9.84	99
25 + 42 + 50 + 50	1.65	2.77	3.29	3.29		11.0 (3.5 - 13.3)	2.240 (0.580 - 3.880)	9.84	99
35 + 35 + 35 + 35	2.75	2.75	2.75	2.75		11.0 (3.4 - 13.3)	2.500 (0.590 - 3.900)	10.98	99
35 + 35 + 35 + 42	2.62	2.62	2.62	3.14		11.0 (3.5 - 13.3)	2.400 (0.580 - 3.890)	10.54	99
35 + 35 + 35 + 50	2.48	2.48	2.48	3.56		11.0 (3.5 - 13.3)	2.310 (0.580 - 3.890)	10.14	99
35 + 35 + 35 + 60	2.33	2.33	2.33	4.01		11.0 (3.5 - 13.3)	2.300 (0.590 - 3.880)	10.10	99
35 + 35 + 42 + 42	2.50	2.50	3.00	3.00		11.0 (3.5 - 13.3)	2.310 (0.580 - 3.890)	10.14	99
35 + 35 + 42 + 50	2.37	2.37	2.85	3.41		11.0 (3.5 - 13.3)	2.300 (0.600 - 3.900)	10.10	99
35 + 42 + 42 + 42	2.39	2.87	2.87	2.87		11.0 (3.5 - 13.3)	2.300 (0.600 - 3.900)	10.10	99
35 + 42 + 42 + 50	2.27	2.74	2.74	3.25		11.0 (3.5 - 13.3)	2.240 (0.580 - 3.880)	9.84	99
42 + 42 + 42 + 42	2.75	2.75	2.75	2.75		11.0 (3.5 - 13.3)	2.240 (0.580 - 3.880)	9.84	99
22 + 22 + 22 + 22 + 22	2.40	2.40	2.40	2.40	2.40	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 22 + 22 + 22 + 25	2.34	2.34	2.34	2.34	2.64	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 22 + 22 + 22 + 35	2.15	2.15	2.15	2.15	3.40	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 22 + 22 + 22 + 42	2.03	2.03	2.03	2.03	3.88	12.0 (4.1 - 14.0)	2.820 (0.780 - 4.090)	12.38	99
22 + 22 + 22 + 22 + 50	1.91	1.91	1.91	1.91	4.36	12.0 (4.1 - 14.0)	2.815 (0.790 - 4.080)	12.36	99
22 + 22 + 22 + 22 + 60	1.78	1.78	1.78	1.78	4.88	12.0 (4.1 - 14.0)	2.805 (0.800 - 4.070)	12.32	99
22 + 22 + 22 + 22 + 71	1.66	1.66	1.66	1.66	5.36	12.0 (4.1 - 14.0)	2.805 (0.800 - 4.070)	12.32	99
22 + 22 + 22 + 25 + 25	2.28	2.28	2.28	2.58	2.58	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 22 + 22 + 25 + 35	2.10	2.10	2.10	2.38	3.32	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 22 + 22 + 25 + 42	1.98	1.98	1.98	2.26	3.80	12.0 (4.1 - 14.0)	2.820 (0.780 - 4.090)	12.38	99
22 + 22 + 22 + 25 + 50	1.87	1.87	1.87	2.13	4.26	12.0 (4.1 - 14.0)	2.815 (0.790 - 4.080)	12.36	99
22 + 22 + 22 + 25 + 60	1.75	1.75	1.75	1.99	4.76	12.0 (4.1 - 14.0)	2.805 (0.800 - 4.070)	12.32	99
22 + 22 + 22 + 25 + 71	1.63	1.63	1.63	1.85	5.26	12.0 (4.1 - 14.0)	2.805 (0.800 - 4.070)	12.32	99
22 + 22 + 22 + 35 + 35	1.94	1.94	1.94	3.09	3.09	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 22 + 22 + 35 + 42	1.84	1.84	1.84	2.94	3.54	12.0 (4.1 - 14.0)	2.820 (0.780 - 4.090)	12.38	99
22 + 22 + 22 + 35 + 50	1.75	1.75	1.75	2.78	3.97	12.0 (4.1 - 14.0)	2.815 (0.790 - 4.080)	12.36	99
22 + 22 + 22 + 35 + 60	1.64	1.64	1.64	2.61	4.47	12.0 (4.1 - 14.0)	2.805 (0.800 - 4.070)	12.32	99
22 + 22 + 22 + 35 + 71	1.53	1.53	1.53	2.44	4.97	12.0 (4.1 - 14.0)	2.805 (0.780 - 4.100)	12.32	99

MXZ-5A100VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)						Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Total			
22 + 22 + 22 + 42 + 42	1.76	1.76	1.76	3.36	3.36	12.0 (4.1 - 14.0)	2.815 (0.790 - 4.080)	12.36	99
22 + 22 + 22 + 42 + 50	1.67	1.67	1.67	3.19	3.80	12.0 (4.1 - 14.0)	2.800 (0.800 - 4.100)	12.30	99
22 + 22 + 22 + 42 + 60	1.57	1.57	1.57	3.00	4.29	12.0 (4.1 - 14.0)	2.800 (0.800 - 4.100)	12.30	99
22 + 22 + 25 + 25 + 25	2.22	2.22	2.52	2.52	2.52	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 22 + 25 + 25 + 35	2.04	2.04	2.33	2.33	3.26	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 22 + 25 + 25 + 42	1.94	1.94	2.20	2.20	3.72	12.0 (4.1 - 14.0)	2.820 (0.780 - 4.090)	12.38	99
22 + 22 + 25 + 25 + 50	1.83	1.83	2.08	2.08	4.18	12.0 (4.1 - 14.0)	2.815 (0.790 - 4.080)	12.36	99
22 + 22 + 25 + 25 + 60	1.71	1.71	1.95	1.95	4.68	12.0 (4.1 - 14.0)	2.805 (0.800 - 4.070)	12.32	99
22 + 22 + 25 + 25 + 71	1.60	1.60	1.82	1.82	5.16	12.0 (4.1 - 14.0)	2.805 (0.780 - 4.100)	12.32	99
22 + 22 + 25 + 35 + 35	1.90	1.90	2.16	3.02	3.02	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 22 + 25 + 35 + 42	1.81	1.81	2.05	2.88	3.45	12.0 (4.1 - 14.0)	2.820 (0.780 - 4.090)	12.38	99
22 + 22 + 25 + 35 + 50	1.71	1.71	1.95	2.73	3.90	12.0 (4.1 - 14.0)	2.815 (0.790 - 4.080)	12.36	99
22 + 22 + 25 + 42 + 42	1.72	1.72	1.96	3.30	3.30	12.0 (4.1 - 14.0)	2.815 (0.790 - 4.080)	12.36	99
22 + 22 + 25 + 42 + 50	1.64	1.64	1.86	3.13	3.73	12.0 (4.1 - 14.0)	2.800 (0.800 - 4.100)	12.30	99
22 + 22 + 25 + 42 + 60	1.54	1.54	1.75	2.94	4.23	12.0 (4.1 - 14.0)	2.800 (0.800 - 4.100)	12.30	99
22 + 22 + 35 + 35 + 35	1.77	1.77	2.82	2.82	2.82	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 22 + 35 + 35 + 42	1.69	1.69	2.69	2.69	3.24	12.0 (4.1 - 14.0)	2.820 (0.780 - 4.100)	12.38	99
22 + 22 + 35 + 42 + 42	1.62	1.62	2.58	3.09	3.09	12.0 (4.1 - 14.0)	2.800 (0.800 - 4.100)	12.30	99
22 + 22 + 35 + 42 + 50	1.54	1.54	2.45	2.95	3.52	12.0 (4.1 - 14.0)	2.800 (0.800 - 4.100)	12.30	99
22 + 22 + 42 + 42 + 42	1.56	1.56	2.96	2.96	2.96	12.0 (4.1 - 14.0)	2.800 (0.800 - 4.100)	12.30	99
22 + 25 + 25 + 25 + 25	2.16	2.46	2.46	2.46	2.46	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 25 + 25 + 25 + 35	2.00	2.27	2.27	2.27	3.19	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 25 + 25 + 25 + 42	1.89	2.16	2.16	2.16	3.63	12.0 (4.1 - 14.0)	2.820 (0.780 - 4.090)	12.38	99
22 + 25 + 25 + 25 + 50	1.80	2.04	2.04	2.04	4.08	12.0 (4.1 - 14.0)	2.815 (0.790 - 4.080)	12.36	99
22 + 25 + 25 + 25 + 60	1.68	1.91	1.91	1.91	4.59	12.0 (4.1 - 14.0)	2.805 (0.800 - 4.070)	12.32	99
22 + 25 + 25 + 25 + 71	1.57	1.79	1.79	1.79	5.06	12.0 (4.1 - 14.0)	2.805 (0.780 - 4.100)	12.32	99
22 + 25 + 25 + 35 + 35	1.86	2.11	2.11	2.96	2.96	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 25 + 25 + 35 + 42	1.78	2.01	2.01	2.82	3.38	12.0 (4.1 - 14.0)	2.820 (0.780 - 4.090)	12.38	99
22 + 25 + 25 + 35 + 50	1.68	1.91	1.91	2.68	3.82	12.0 (4.1 - 14.0)	2.815 (0.790 - 4.080)	12.36	99
22 + 25 + 25 + 35 + 60	1.58	1.80	1.80	2.51	4.31	12.0 (4.1 - 14.0)	2.805 (0.780 - 4.100)	12.32	99
22 + 25 + 25 + 42 + 42	1.70	1.92	1.92	3.23	3.23	12.0 (4.1 - 14.0)	2.815 (0.790 - 4.080)	12.36	99
22 + 25 + 25 + 42 + 50	1.61	1.83	1.83	3.07	3.66	12.0 (4.1 - 14.0)	2.805 (0.780 - 4.100)	12.32	99
22 + 25 + 35 + 35 + 35	1.75	1.97	2.76	2.76	2.76	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
22 + 25 + 35 + 35 + 42	1.66	1.89	2.64	2.64	3.17	12.0 (4.1 - 14.0)	2.820 (0.780 - 4.100)	12.38	99
22 + 25 + 35 + 42 + 42	1.59	1.80	2.53	3.04	3.04	12.0 (4.1 - 14.0)	2.805 (0.780 - 4.100)	12.32	99
22 + 35 + 35 + 35 + 42	1.55	2.49	2.49	2.49	2.98	12.0 (4.1 - 14.0)	2.805 (0.780 - 4.100)	12.32	99
25 + 25 + 25 + 25 + 42	2.11	2.11	2.11	2.11	3.56	12.0 (4.1 - 14.0)	2.820 (0.780 - 4.090)	12.38	99
25 + 25 + 25 + 25 + 25	2.40	2.40	2.40	2.40	2.40	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
25 + 25 + 25 + 25 + 35	2.22	2.22	2.22	2.22	3.12	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
25 + 25 + 25 + 25 + 50	2.00	2.00	2.00	2.00	4.00	12.0 (4.1 - 14.0)	2.815 (0.790 - 4.080)	12.36	99
25 + 25 + 25 + 25 + 60	1.88	1.88	1.88	1.88	4.48	12.0 (4.1 - 14.0)	2.805 (0.780 - 4.100)	12.32	99
25 + 25 + 25 + 25 + 71	1.75	1.75	1.75	1.75	5.00	12.0 (4.1 - 14.0)	2.805 (0.780 - 4.100)	12.32	99
25 + 25 + 25 + 35 + 35	2.07	2.07	2.07	2.90	2.90	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
25 + 25 + 25 + 35 + 42	1.97	1.97	1.97	2.76	3.33	12.0 (4.1 - 14.0)	2.820 (0.780 - 4.100)	12.38	99
25 + 25 + 25 + 42 + 42	1.88	1.88	1.88	3.18	3.18	12.0 (4.1 - 14.0)	2.805 (0.780 - 4.100)	12.32	99
25 + 25 + 25 + 42 + 50	1.79	1.79	1.79	3.03	3.60	12.0 (4.1 - 14.0)	2.805 (0.780 - 4.100)	12.32	99
25 + 25 + 35 + 35 + 35	1.94	1.94	2.71	2.71	2.71	12.0 (4.1 - 14.0)	2.835 (0.780 - 4.100)	12.45	99
25 + 25 + 35 + 35 + 42	1.85	1.85	2.59	2.59	3.12	12.0 (4.1 - 14.0)	2.820 (0.780 - 4.090)	12.38	99
25 + 25 + 35 + 35 + 50	1.76	1.76	2.47	2.47	3.54	12.0 (4.1 - 14.0)	2.815 (0.790 - 4.080)	12.36	99

Combination Table

MXZ-8A140VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
22	2.20								2.2	1.050	4.61	99
25	2.50								2.5	1.140	5.01	99
35	3.50								3.5	1.410	6.19	99
42	4.20								4.2	1.550	6.81	99
50	5.00								5.0	1.700	7.47	99
60	6.00								6.0	2.000	8.78	99
71	7.10								7.1	2.310	10.14	99
22 + 22	2.20	2.20							4.4	1.590	6.98	99
22 + 25	2.20	2.50							4.7	1.650	7.25	99
22 + 35	2.20	3.50							5.7	1.910	8.39	99
22 + 42	2.20	4.20							6.4	2.110	9.27	99
22 + 50	2.20	5.00							7.2	2.340	10.28	99
22 + 60	2.20	6.00							8.2	2.620	11.51	99
22 + 71	2.20	7.10							9.3	2.910	12.78	99
25 + 25	2.50	2.50							5.0	1.700	7.47	99
25 + 35	2.50	3.50							6.0	2.000	8.78	99
25 + 42	2.50	4.20							6.7	2.200	9.66	99
25 + 50	2.50	5.00							7.5	2.430	10.67	99
25 + 60	2.50	6.00							8.5	2.700	11.86	99
25 + 71	2.50	7.10							9.6	2.990	13.13	99
35 + 35	3.50	3.50							7.0	2.290	10.06	99
35 + 42	3.50	4.20							7.7	2.480	10.89	99
35 + 50	3.50	5.00							8.5	2.700	11.86	99
35 + 60	3.50	6.00							9.5	2.960	13.00	99
35 + 71	3.50	7.10							10.6	3.370	14.80	99
42 + 42	4.20	4.20							8.4	2.670	11.73	99
42 + 50	4.20	5.00							9.2	2.880	12.65	99
42 + 60	4.20	6.00							10.2	3.180	13.97	99
42 + 71	4.20	7.10							11.3	3.710	16.29	99
50 + 50	5.00	5.00							10.0	3.090	13.57	99
50 + 60	5.00	6.00							11.0	3.560	15.63	99
50 + 71	5.00	7.10							12.1	4.140	18.18	99
60 + 60	6.00	6.00							12.0	4.080	17.92	99
60 + 71	6.00	7.10							13.1	4.720	20.73	99
71 + 71	7.00	7.00							14.0	5.220	22.92	99
22 + 22 + 22	2.20	2.20	2.20						6.6	2.170	9.53	99
22 + 22 + 25	2.20	2.20	2.50						6.9	2.260	9.93	99
22 + 22 + 35	2.20	2.20	3.50						7.9	2.540	11.16	99
22 + 22 + 42	2.20	2.20	4.20						8.6	2.730	11.99	99
22 + 22 + 50	2.20	2.20	5.00						9.4	2.940	12.91	99
22 + 22 + 60	2.20	2.20	6.00						10.4	3.270	14.36	99
22 + 22 + 71	2.20	2.20	7.10						11.5	3.810	16.73	99
22 + 25 + 25	2.20	2.50	2.50						7.2	2.340	10.28	99
22 + 25 + 35	2.20	2.50	3.50						8.2	2.620	11.51	99
22 + 25 + 42	2.20	2.50	4.20						8.9	2.810	12.34	99
22 + 25 + 50	2.20	2.50	5.00						9.7	3.010	13.22	99
22 + 25 + 60	2.20	2.50	6.00						10.7	3.410	14.98	99
22 + 25 + 71	2.20	2.50	7.10						11.8	3.970	17.44	99
22 + 35 + 35	2.20	3.50	3.50						9.2	2.880	12.65	99
22 + 35 + 42	2.20	3.50	4.20						9.9	3.060	13.44	99
22 + 35 + 50	2.20	3.50	5.00						10.7	3.410	14.98	99
22 + 35 + 60	2.20	3.50	6.00						11.7	3.920	17.22	99
22 + 35 + 71	2.20	3.50	7.10						12.8	4.540	19.94	99
22 + 42 + 42	2.20	4.20	4.20						10.6	3.370	14.80	99
22 + 42 + 50	2.20	4.20	5.00						11.4	3.760	16.51	99
22 + 42 + 60	2.20	4.20	6.00						12.4	4.300	18.88	99
22 + 42 + 71	2.20	4.20	7.10						13.5	4.970	21.83	99

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NOTE: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
22 + 50 + 50	2.20	5.00	5.00						12.2	4.190	18.40	99
22 + 50 + 60	2.20	5.00	6.00						13.2	4.780	20.99	99
22 + 50 + 71	2.15	4.90	6.95						14.0	5.220	22.92	99
22 + 60 + 60	2.17	5.92	5.92						14.0	5.220	22.92	99
22 + 60 + 71	2.01	5.49	6.50						14.0	5.040	22.13	99
22 + 71 + 71	1.88	6.06	6.06						14.0	4.450	19.54	99
25 + 25 + 25	2.50	2.50	2.50						7.5	2.430	10.67	99
25 + 25 + 35	2.50	2.50	3.50						8.5	2.700	11.86	99
25 + 25 + 42	2.50	2.50	4.20						9.2	2.880	12.65	99
25 + 25 + 50	2.50	2.50	5.00						10.0	3.090	13.57	99
25 + 25 + 60	2.50	2.50	6.00						11.0	3.560	15.63	99
25 + 25 + 71	2.50	2.50	7.10						12.1	4.140	18.18	99
25 + 35 + 35	2.50	3.50	3.50						9.5	2.960	13.00	99
25 + 35 + 42	2.50	3.50	4.20						10.2	3.180	13.97	99
25 + 35 + 50	2.50	3.50	5.00						11.0	3.560	15.63	99
25 + 35 + 60	2.50	3.50	6.00						12.0	4.080	17.92	99
25 + 35 + 71	2.50	3.50	7.10						13.1	4.720	20.73	99
25 + 42 + 42	2.50	4.20	4.20						10.9	3.510	15.42	99
25 + 42 + 50	2.50	4.20	5.00						11.7	3.920	17.22	99
25 + 42 + 60	2.50	4.20	6.00						12.7	4.480	19.68	99
25 + 42 + 71	2.50	4.20	7.10						13.8	5.160	22.66	99
25 + 50 + 50	2.50	5.00	5.00						12.5	4.360	19.15	99
25 + 50 + 60	2.50	5.00	6.00						13.5	4.970	21.83	99
25 + 50 + 71	2.40	4.79	6.81						14.0	5.220	22.92	99
25 + 60 + 60	2.41	5.79	5.79						14.0	5.220	22.92	99
25 + 60 + 71	2.24	5.38	6.37						14.0	4.870	21.39	99
25 + 71 + 71	2.10	5.95	5.95						14.0	4.310	18.93	99
35 + 35 + 35	3.50	3.50	3.50						10.5	3.320	14.58	99
35 + 35 + 42	3.50	3.50	4.20						11.2	3.660	16.07	99
35 + 35 + 50	3.50	3.50	5.00						12.0	4.080	17.92	99
35 + 35 + 60	3.50	3.50	6.00						13.0	4.660	20.47	99
35 + 35 + 71	3.48	3.48	7.05						14.0	5.220	22.92	99
35 + 42 + 42	3.50	4.20	4.20						11.9	4.030	17.70	99
35 + 42 + 50	3.50	4.20	5.00						12.7	4.480	19.68	99
35 + 42 + 60	3.50	4.20	6.00						13.7	5.100	22.40	99
35 + 42 + 71	3.31	3.97	6.72						14.0	5.220	22.92	99
35 + 50 + 50	3.50	5.00	5.00						13.5	4.970	21.83	99
35 + 50 + 60	3.38	4.83	5.79						14.0	5.220	22.92	99
35 + 50 + 71	3.14	4.49	6.37						14.0	4.870	21.39	99
35 + 60 + 60	3.16	5.42	5.42						14.0	4.920	21.61	99
35 + 60 + 71	2.95	5.06	5.99						14.0	4.350	19.10	99
35 + 71 + 71	2.77	5.62	5.62						14.0	3.900	17.13	99
42 + 42 + 42	4.20	4.20	4.20						12.6	4.420	19.41	99
42 + 42 + 50	4.20	4.20	5.00						13.4	4.910	21.56	99
42 + 42 + 60	4.10	4.10	5.80						14.0	5.220	22.92	99
42 + 42 + 71	3.80	3.80	6.40						14.0	4.920	21.61	99
42 + 50 + 50	4.14	4.93	4.93						14.0	5.220	22.92	99
42 + 50 + 60	3.90	4.60	5.50						14.0	5.110	22.44	99
42 + 50 + 71	3.61	4.29	6.10						14.0	4.500	19.76	99
42 + 60 + 60	3.60	5.20	5.20						14.0	4.550	19.98	99
42 + 60 + 71	3.40	4.90	5.70						14.0	4.050	17.79	99
42 + 71 + 71	3.20	5.40	5.40						14.0	3.660	16.07	99
50 + 50 + 50	4.67	4.67	4.67						14.0	5.240	23.01	99
50 + 50 + 60	4.38	4.38	5.25						14.0	4.650	20.42	99
50 + 50 + 71	4.09	4.09	5.81						14.0	4.140	18.18	99
50 + 60 + 60	4.12	4.94	4.94						14.0	4.180	18.36	99
50 + 60 + 71	3.87	4.64	5.49						14.0	3.760	16.51	99

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NOTE: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
60 + 60 + 60	4.67	4.67	4.67						14.0	3.790	16.64	99
22 + 22 + 22 + 22	2.20	2.20	2.20	2.20					8.8	2.780	12.21	99
22 + 22 + 22 + 25	2.20	2.20	2.20	2.50					9.1	2.860	12.56	99
22 + 22 + 22 + 35	2.20	2.20	2.20	3.50					10.1	3.130	13.75	99
22 + 22 + 22 + 42	2.20	2.20	2.20	4.20					10.8	3.460	15.20	99
22 + 22 + 22 + 50	2.20	2.20	2.20	5.00					11.6	3.870	17.00	99
22 + 22 + 22 + 60	2.20	2.20	2.20	6.00					12.6	4.420	19.41	99
22 + 22 + 22 + 71	2.20	2.20	2.20	7.10					13.7	5.100	22.40	99
22 + 22 + 25 + 25	2.20	2.20	2.50	2.50					9.4	2.940	12.91	99
22 + 22 + 25 + 35	2.20	2.20	2.50	3.50					10.4	3.270	14.36	99
22 + 22 + 25 + 42	2.20	2.20	2.50	4.20					11.1	3.610	15.85	99
22 + 22 + 25 + 50	2.20	2.20	2.50	5.00					11.9	4.030	17.70	99
22 + 22 + 25 + 60	2.20	2.20	2.50	6.00					12.9	4.600	20.20	99
22 + 22 + 25 + 71	2.20	2.20	2.50	7.10					14.0	5.220	22.92	99
22 + 22 + 35 + 35	2.20	2.20	3.50	3.50					11.4	3.760	16.51	99
22 + 22 + 35 + 42	2.20	2.20	3.50	4.20					12.1	4.140	18.18	99
22 + 22 + 35 + 50	2.20	2.20	3.50	5.00					12.9	4.600	20.20	99
22 + 22 + 35 + 60	2.20	2.20	3.50	6.00					13.9	5.230	22.97	99
22 + 22 + 35 + 71	2.05	2.05	3.27	6.63					14.0	5.240	23.01	99
22 + 22 + 42 + 42	2.20	2.20	4.20	4.20					12.8	4.540	19.94	99
22 + 22 + 42 + 50	2.20	2.20	4.20	5.00					13.6	5.030	22.09	99
22 + 22 + 42 + 60	2.11	2.11	4.03	5.75					14.0	5.220	22.92	99
22 + 22 + 42 + 71	1.96	1.96	3.75	6.33					14.0	4.810	21.12	99
22 + 22 + 50 + 50	2.14	2.14	4.86	4.86					14.0	5.220	22.92	99
22 + 22 + 50 + 60	2.00	2.00	4.55	5.45					14.0	4.980	21.87	99
22 + 22 + 50 + 71	1.87	1.87	4.24	6.02					14.0	4.400	19.32	99
22 + 22 + 60 + 60	1.88	1.88	5.12	5.12					14.0	4.450	19.54	99
22 + 22 + 60 + 71	1.76	1.76	4.80	5.68					14.0	3.980	17.48	99
22 + 25 + 25 + 25	2.20	2.50	2.50	2.50					9.7	3.010	13.22	99
22 + 25 + 25 + 35	2.20	2.50	2.50	3.50					10.7	3.410	14.98	99
22 + 25 + 25 + 42	2.20	2.50	2.50	4.20					11.4	3.760	16.51	99
22 + 25 + 25 + 50	2.20	2.50	2.50	5.00					12.2	4.190	18.40	99
22 + 25 + 25 + 60	2.20	2.50	2.50	6.00					13.2	4.780	20.99	99
22 + 25 + 25 + 71	2.15	2.45	2.45	6.95					14.0	5.220	22.92	99
22 + 25 + 35 + 35	2.20	2.50	3.50	3.50					11.7	3.920	17.22	99
22 + 25 + 35 + 42	2.20	2.50	3.50	4.20					12.4	4.300	18.88	99
22 + 25 + 35 + 50	2.20	2.50	3.50	5.00					13.2	4.780	20.99	99
22 + 25 + 35 + 60	2.17	2.46	3.45	5.92					14.0	5.220	22.92	99
22 + 25 + 35 + 71	2.01	2.29	3.20	6.50					14.0	5.040	22.13	99
22 + 25 + 42 + 42	2.20	2.50	4.20	4.20					13.1	4.720	20.73	99
22 + 25 + 42 + 50	2.20	2.50	4.20	5.00					13.9	5.230	22.97	99
22 + 25 + 42 + 60	2.07	2.35	3.95	5.63					14.0	5.220	22.92	99
22 + 25 + 42 + 71	1.93	2.19	3.68	6.20					14.0	4.650	20.42	99
22 + 25 + 50 + 50	2.10	2.38	4.76	4.76					14.0	5.220	22.92	99
22 + 25 + 50 + 60	1.96	2.23	4.46	5.35					14.0	4.810	21.12	99
22 + 25 + 50 + 71	1.83	2.08	4.17	5.92					14.0	4.260	18.71	99
22 + 25 + 60 + 60	1.84	2.10	5.03	5.03					14.0	4.310	18.93	99
22 + 25 + 60 + 71	1.73	1.97	4.72	5.58					14.0	3.860	16.95	99
22 + 35 + 35 + 35	2.20	3.50	3.50	3.50					12.7	4.480	19.68	99
22 + 35 + 35 + 42	2.20	3.50	3.50	4.20					13.4	4.910	21.56	99
22 + 35 + 35 + 50	2.17	3.45	3.45	4.93					14.0	5.220	22.92	99
22 + 35 + 35 + 60	2.03	3.22	3.22	5.53					14.0	5.110	22.44	99
22 + 35 + 35 + 71	1.89	3.01	3.01	6.09					14.0	4.500	19.76	99
22 + 35 + 42 + 42	2.18	3.48	4.17	4.17					14.0	5.220	22.92	99
22 + 35 + 42 + 50	2.07	3.29	3.95	4.69					14.0	5.220	22.92	99
22 + 35 + 42 + 60	1.94	3.08	3.70	5.28					14.0	4.700	20.64	99
22 + 35 + 42 + 71	1.81	2.88	3.46	5.85					14.0	4.180	18.36	99

MXZ-8A140VA

Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
22 + 35 + 50 + 50	1.96	3.12	4.46	4.46					14.0	4.810	21.12	99
22 + 35 + 50 + 60	1.84	2.93	4.19	5.03					14.0	4.310	18.93	99
22 + 35 + 50 + 71	1.73	2.75	3.93	5.58					14.0	3.860	16.95	99
22 + 35 + 60 + 60	1.73	2.77	4.75	4.75					14.0	3.900	17.13	99
22 + 42 + 42 + 42	2.08	3.97	3.97	3.97					14.0	5.220	22.92	99
22 + 42 + 42 + 50	1.97	3.77	3.77	4.49					14.0	4.870	21.39	99
22 + 42 + 42 + 60	1.86	3.54	3.54	5.06					14.0	4.350	19.10	99
22 + 42 + 42 + 71	1.74	3.32	3.32	5.62					14.0	3.900	17.13	99
22 + 42 + 50 + 50	1.88	3.59	4.27	4.26					14.0	4.450	19.54	99
22 + 42 + 50 + 60	1.77	3.38	4.02	4.83					14.0	4.010	17.61	99
22 + 42 + 50 + 71	1.66	3.18	3.78	5.37					14.0	3.630	15.94	99
22 + 42 + 60 + 60	1.67	3.20	4.57	4.56					14.0	3.660	16.07	99
22 + 50 + 50 + 50	1.79	4.07	4.07	4.07					14.0	4.090	17.96	99
22 + 50 + 50 + 60	1.69	3.85	3.85	4.61					14.0	3.730	16.38	99
25 + 25 + 25 + 25	2.50	2.50	2.50	2.50					10.0	3.090	13.57	99
25 + 25 + 25 + 35	2.50	2.50	2.50	3.50					11.0	3.560	15.63	99
25 + 25 + 25 + 42	2.50	2.50	2.50	4.20					11.7	3.920	17.22	99
25 + 25 + 25 + 50	2.50	2.50	2.50	5.00					12.5	4.360	19.15	99
25 + 25 + 25 + 60	2.50	2.50	2.50	6.00					13.5	4.970	21.83	99
25 + 25 + 25 + 71	2.40	2.40	2.40	6.80					14.0	5.220	22.92	99
25 + 25 + 35 + 35	2.50	2.50	3.50	3.50					12.0	4.080	17.92	99
25 + 25 + 35 + 42	2.50	2.50	3.50	4.20					12.7	4.480	19.68	99
25 + 25 + 35 + 50	2.50	2.50	3.50	5.00					13.5	4.970	21.83	99
25 + 25 + 35 + 60	2.41	2.41	3.38	5.79					14.0	5.220	22.92	99
25 + 25 + 35 + 71	2.24	2.24	3.14	6.37					14.0	4.870	21.39	99
25 + 25 + 42 + 42	2.50	2.50	4.20	4.20					13.4	4.910	21.56	99
25 + 25 + 42 + 50	2.46	2.46	4.14	4.93					14.0	5.220	22.92	99
25 + 25 + 42 + 60	2.30	2.30	3.87	5.53					14.0	5.110	22.44	99
25 + 25 + 42 + 71	2.15	2.15	3.61	6.09					14.0	4.500	19.76	99
25 + 25 + 50 + 50	2.33	2.33	4.67	4.67					14.0	5.240	23.01	99
25 + 25 + 50 + 60	2.19	2.19	4.38	5.24					14.0	4.650	20.42	99
25 + 25 + 50 + 71	2.05	2.05	4.09	5.81					14.0	4.140	18.18	99
25 + 25 + 60 + 60	2.06	2.06	4.94	4.94					14.0	4.180	18.36	99
25 + 25 + 60 + 71	1.93	1.93	4.64	5.49					14.0	3.760	16.51	99
25 + 35 + 35 + 35	2.50	3.50	3.50	3.50					13.0	4.660	20.47	99
25 + 35 + 35 + 42	2.50	3.50	3.50	4.20					13.7	5.100	22.40	99
25 + 35 + 35 + 50	2.41	3.38	3.38	4.83					14.0	5.220	22.92	99
25 + 35 + 35 + 60	2.26	3.16	3.16	5.42					14.0	4.920	21.61	99
25 + 35 + 35 + 71	2.11	2.95	2.95	5.99					14.0	4.350	19.10	99
25 + 35 + 42 + 42	2.43	3.40	4.08	4.08					14.0	5.220	22.92	99
25 + 35 + 42 + 50	2.30	3.22	3.87	4.61					14.0	5.110	22.44	99
25 + 35 + 42 + 60	2.16	3.02	3.63	5.19					14.0	4.550	19.98	99
25 + 35 + 42 + 71	2.02	2.83	3.40	5.75					14.0	4.050	17.79	99
25 + 35 + 50 + 50	2.18	3.06	4.38	4.38					14.0	4.650	20.42	99
25 + 35 + 50 + 60	2.06	2.88	4.12	4.94					14.0	4.180	18.36	99
25 + 35 + 50 + 71	1.93	2.71	3.87	5.49					14.0	3.760	16.51	99
25 + 35 + 60 + 60	1.94	2.72	4.67	4.67					14.0	3.790	16.64	99
25 + 42 + 42 + 42	2.32	3.89	3.89	3.89					14.0	5.170	22.71	99
25 + 42 + 42 + 50	2.20	3.70	3.70	4.40					14.0	4.700	20.64	99
25 + 42 + 42 + 60	2.07	3.48	3.48	4.97					14.0	4.220	18.53	99
25 + 42 + 42 + 71	1.94	3.27	3.27	5.52					14.0	3.790	16.64	99
25 + 42 + 50 + 50	2.10	3.52	4.19	4.19					14.0	4.310	18.93	99
25 + 42 + 50 + 60	1.98	3.32	3.95	4.75					14.0	3.900	17.13	99
25 + 50 + 50 + 50	2.00	4.00	4.00	4.00					14.0	3.980	17.48	99
25 + 50 + 50 + 60	1.89	3.78	3.78	4.54					14.0	3.630	15.94	99
35 + 35 + 35 + 35	3.50	3.50	3.50	3.50					14.0	5.220	22.92	99
35 + 35 + 35 + 42	3.33	3.33	3.33	4.00					14.0	5.220	22.92	99

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Note Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
35 + 35 + 35 + 50	3.16	3.16	3.16	4.52					14.0	4.920	21.61	99
35 + 35 + 35 + 60	2.97	2.97	2.97	5.09					14.0	4.400	19.32	99
35 + 35 + 35 + 71	2.78	2.78	2.78	5.65					14.0	3.940	17.30	99
35 + 35 + 42 + 42	3.18	3.18	3.82	3.82					14.0	4.980	21.87	99
35 + 35 + 42 + 50	3.02	3.02	3.63	4.32					14.0	4.550	19.98	99
35 + 35 + 42 + 60	2.85	2.85	3.42	4.88					14.0	4.090	17.96	99
35 + 35 + 42 + 71	2.68	2.68	3.21	5.43					14.0	3.690	16.21	99
35 + 35 + 50 + 50	2.88	2.88	4.12	4.12					14.0	4.180	18.36	99
35 + 35 + 50 + 60	2.72	2.72	3.89	4.67					14.0	3.790	16.64	99
35 + 42 + 42 + 42	3.04	3.65	3.65	3.65					14.0	4.600	20.20	99
35 + 42 + 42 + 50	2.09	3.48	3.48	4.14					14.0	4.220	18.53	99
35 + 42 + 42 + 60	2.74	3.28	3.28	4.69					14.0	3.830	16.82	99
35 + 42 + 50 + 50	2.77	3.32	3.95	3.95					14.0	3.900	17.13	99
35 + 50 + 50 + 50	2.65	3.78	3.78	3.78					14.0	3.630	15.94	99
42 + 42 + 42 + 42	3.50	3.50	3.50	3.50					14.0	4.260	18.71	99
42 + 42 + 42 + 50	3.34	3.34	3.34	3.98					14.0	3.940	17.30	99
42 + 42 + 50 + 50	3.20	3.20	3.80	3.80					14.0	3.660	16.07	99
22 + 22 + 22 + 22 + 22	2.20	2.20	2.20	2.20	2.20				11.0	3.450	15.20	99
22 + 22 + 22 + 22 + 25	2.20	2.20	2.20	2.20	2.50				11.3	3.610	15.90	99
22 + 22 + 22 + 22 + 35	2.20	2.20	2.20	2.20	3.50				12.3	4.190	18.40	99
22 + 22 + 22 + 22 + 42	2.20	2.20	2.20	2.20	4.20				13.0	4.630	20.33	99
22 + 22 + 22 + 22 + 50	2.20	2.20	2.20	2.20	5.00				13.8	5.200	22.80	99
22 + 22 + 22 + 22 + 60	2.08	2.08	2.08	2.08	5.68				14.0	5.220	22.90	99
22 + 22 + 22 + 22 + 71	1.94	1.94	1.94	1.94	6.24				14.0	4.700	20.60	99
22 + 22 + 22 + 25 + 25	2.20	2.20	2.20	2.50	2.50				11.6	3.780	16.60	99
22 + 22 + 22 + 25 + 35	2.20	2.20	2.20	2.50	3.50				12.6	4.370	19.20	99
22 + 22 + 22 + 25 + 42	2.20	2.20	2.20	2.50	4.20				13.3	4.840	21.26	99
22 + 22 + 22 + 25 + 50	2.18	2.18	2.18	2.48	4.96				14.0	5.220	22.90	99
22 + 22 + 22 + 25 + 60	2.04	2.04	2.04	2.32	5.56				14.0	5.170	22.70	99
22 + 22 + 22 + 25 + 71	1.90	1.90	1.90	2.16	6.14				14.0	4.550	20.00	99
22 + 22 + 22 + 35 + 35	2.20	2.20	2.20	3.50	3.50				13.6	5.060	22.20	99
22 + 22 + 22 + 35 + 42	2.15	2.15	2.15	3.44	4.11				14.0	5.220	22.92	99
22 + 22 + 22 + 35 + 50	2.04	2.04	2.04	3.25	4.63				14.0	5.170	22.70	99
22 + 22 + 22 + 35 + 60	1.91	1.91	1.91	3.04	5.22				14.0	4.600	20.20	99
22 + 22 + 22 + 35 + 71	1.79	1.79	1.79	2.85	5.78				14.0	4.090	18.00	99
22 + 22 + 22 + 42 + 42	2.06	2.06	2.06	3.91	3.91				14.0	5.240	23.01	99
22 + 22 + 22 + 42 + 50	1.95	1.95	1.95	3.72	4.43				14.0	4.750	20.86	99
22 + 22 + 22 + 42 + 60	1.83	1.83	1.83	3.51	5.00				14.0	4.260	18.71	99
22 + 22 + 22 + 42 + 71	1.72	1.72	1.72	3.29	5.55				14.0	3.830	16.82	99
22 + 22 + 22 + 50 + 50	1.86	1.86	1.86	4.21	4.21				14.0	4.350	19.10	99
22 + 22 + 22 + 50 + 60	1.75	1.75	1.75	3.98	4.77				14.0	3.940	17.30	99
22 + 22 + 25 + 25 + 25	2.20	2.20	2.50	2.50	2.50				11.9	3.950	17.30	99
22 + 22 + 25 + 25 + 35	2.20	2.20	2.50	2.50	3.50				12.9	4.570	20.10	99
22 + 22 + 25 + 25 + 42	2.20	2.20	2.50	2.50	4.20				13.6	5.060	22.22	99
22 + 22 + 25 + 25 + 50	2.14	2.14	2.43	2.43	4.86				14.0	5.220	22.90	99
22 + 22 + 25 + 25 + 60	2.00	2.00	2.27	2.27	5.45				14.0	4.980	21.90	99
22 + 22 + 25 + 25 + 71	1.87	1.87	2.12	2.12	6.02				14.0	4.400	19.30	99
22 + 22 + 25 + 35 + 35	2.20	2.20	2.50	3.50	3.50				13.9	5.280	23.20	99
22 + 22 + 25 + 35 + 42	2.11	2.11	2.39	3.36	4.03				14.0	5.220	22.92	99
22 + 22 + 25 + 35 + 50	2.00	2.00	2.27	3.18	4.55				14.0	4.980	21.90	99
22 + 22 + 25 + 35 + 60	1.88	1.88	2.13	2.99	5.12				14.0	4.450	19.50	99
22 + 22 + 25 + 35 + 71	1.76	1.76	2.00	2.80	5.68				14.0	3.980	17.50	99
22 + 22 + 25 + 42 + 42	2.01	2.01	2.30	3.84	3.84				14.0	5.040	22.13	99
22 + 22 + 25 + 42 + 50	1.91	1.91	2.18	3.65	4.35				14.0	4.600	20.20	99
22 + 22 + 25 + 42 + 60	1.80	1.80	2.05	3.44	4.91				14.0	4.140	18.18	99
22 + 22 + 25 + 42 + 71	1.69	1.69	1.93	3.23	5.46				14.0	3.730	16.38	99
22 + 22 + 25 + 50 + 50	1.82	1.82	2.07	4.14	4.14				14.0	4.220	18.50	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
22 + 22 + 25 + 50 + 60	1.72	1.72	1.96	3.91	4.69				14.0	3.830	16.80	99
22 + 22 + 35 + 35 + 35	2.06	2.06	3.29	3.29	3.29				14.0	5.220	22.90	99
22 + 22 + 35 + 35 + 42	1.97	1.97	3.14	3.14	3.78				14.0	4.870	21.39	99
22 + 22 + 35 + 35 + 50	1.88	1.88	2.99	2.99	4.26				14.0	4.450	19.50	99
22 + 22 + 35 + 35 + 60	1.77	1.77	2.82	2.82	4.82				14.0	4.010	17.60	99
22 + 22 + 35 + 35 + 71	1.66	1.66	2.65	2.65	5.37				14.0	3.630	15.90	99
22 + 22 + 35 + 42 + 42	1.89	1.89	3.00	3.61	3.61				14.0	4.500	19.76	99
22 + 22 + 35 + 42 + 50	1.80	1.80	2.87	3.44	4.09				14.0	4.140	18.18	99
22 + 22 + 35 + 42 + 60	1.70	1.70	2.71	3.25	4.64				14.0	3.760	16.51	99
22 + 22 + 35 + 50 + 50	1.72	1.72	2.74	3.91	3.91				14.0	3.830	16.80	99
22 + 22 + 42 + 42 + 42	1.81	1.81	3.46	3.46	3.46				14.0	4.180	18.36	99
22 + 22 + 42 + 42 + 50	1.73	1.73	3.30	3.30	3.94				14.0	3.860	16.95	99
22 + 25 + 25 + 25 + 25	2.20	2.50	2.50	2.50	2.50				12.2	4.120	18.10	99
22 + 25 + 25 + 25 + 35	2.20	2.50	2.50	2.50	3.50				13.2	4.770	20.90	99
22 + 25 + 25 + 25 + 42	2.20	2.50	2.50	2.50	4.20				13.9	5.280	23.19	99
22 + 25 + 25 + 25 + 50	2.10	2.38	2.38	2.38	4.76				14.0	5.220	22.90	99
22 + 25 + 25 + 25 + 60	1.96	2.23	2.23	2.23	5.35				14.0	4.810	21.10	99
22 + 25 + 25 + 25 + 71	1.83	2.08	2.08	2.08	5.92				14.0	4.260	18.70	99
22 + 25 + 25 + 35 + 35	2.17	2.46	2.46	3.45	3.45				14.0	5.220	22.90	99
22 + 25 + 25 + 35 + 42	2.07	2.35	2.35	3.29	3.94				14.0	5.220	22.92	99
22 + 25 + 25 + 35 + 50	1.96	2.23	2.23	3.12	4.46				14.0	4.810	21.10	99
22 + 25 + 25 + 35 + 60	1.84	2.10	2.10	2.93	5.03				14.0	4.310	18.90	99
22 + 25 + 25 + 35 + 71	1.73	1.97	1.97	2.75	5.58				14.0	3.860	17.00	99
22 + 25 + 25 + 42 + 42	1.98	2.24	2.24	3.77	3.77				14.0	4.870	21.39	99
22 + 25 + 25 + 42 + 50	1.88	2.13	2.13	3.59	4.27				14.0	4.450	19.54	99
22 + 25 + 25 + 42 + 60	1.77	2.01	2.01	3.38	4.83				14.0	4.010	17.61	99
22 + 25 + 25 + 42 + 71	1.67	1.89	1.89	3.18	5.37				14.0	3.630	15.94	99
22 + 25 + 25 + 50 + 50	1.79	2.03	2.03	4.07	4.07				14.0	4.090	18.00	99
22 + 25 + 25 + 50 + 60	1.69	1.92	1.92	3.85	4.62				14.0	3.730	16.40	99
22 + 25 + 35 + 35 + 35	2.03	2.30	3.22	3.22	3.22				14.0	5.110	22.40	99
22 + 25 + 35 + 35 + 42	1.94	2.20	3.08	3.08	3.70				14.0	4.700	20.64	99
22 + 25 + 35 + 35 + 50	1.84	2.10	2.93	2.93	4.19				14.0	4.310	18.90	99
22 + 25 + 35 + 35 + 60	1.74	1.98	2.77	2.77	4.74				14.0	3.900	17.10	99
22 + 25 + 35 + 42 + 42	1.86	2.11	2.95	3.54	3.54				14.0	4.350	19.10	99
22 + 25 + 35 + 42 + 50	1.77	2.01	2.82	3.38	4.02				14.0	4.010	17.61	99
22 + 25 + 35 + 42 + 60	1.67	1.90	2.66	3.20	4.57				14.0	3.660	16.07	99
22 + 25 + 35 + 50 + 50	1.69	1.92	2.69	3.85	3.85				14.0	3.730	16.40	99
22 + 25 + 42 + 42 + 42	1.78	2.02	3.40	3.40	3.40				14.0	4.050	17.79	99
22 + 25 + 42 + 42 + 50	1.70	1.93	3.25	3.25	3.87				14.0	3.760	16.51	99
22 + 35 + 35 + 35 + 35	1.90	3.02	3.02	3.02	3.02				14.0	4.550	20.00	99
22 + 35 + 35 + 35 + 42	1.82	2.90	2.90	2.90	3.48				14.0	4.220	18.53	99
22 + 35 + 35 + 35 + 50	1.74	2.77	2.77	2.77	3.95				14.0	3.900	17.10	99
22 + 35 + 35 + 42 + 42	1.76	2.78	2.78	3.34	3.34				14.0	3.940	17.30	99
22 + 35 + 35 + 42 + 50	1.68	2.66	2.66	3.20	3.80				14.0	3.660	16.07	99
22 + 35 + 42 + 42 + 42	1.69	2.68	3.21	3.21	3.21				14.0	3.690	16.21	99
25 + 25 + 25 + 25 + 25	2.50	2.50	2.50	2.50	2.50				12.5	4.310	18.90	99
25 + 25 + 25 + 25 + 35	2.50	2.50	2.50	2.50	3.50				13.5	4.980	21.90	99
25 + 25 + 25 + 25 + 42	2.46	2.46	2.46	2.46	4.16				14.0	5.220	22.92	99
25 + 25 + 25 + 25 + 50	2.33	2.33	2.33	2.33	4.67				14.0	5.240	23.00	99
25 + 25 + 25 + 25 + 60	2.19	2.19	2.19	2.19	5.24				14.0	4.650	20.40	99
25 + 25 + 25 + 25 + 71	2.05	2.05	2.05	2.05	5.80				14.0	4.140	18.20	99
25 + 25 + 25 + 35 + 35	2.41	2.41	2.41	3.38	3.38				14.0	5.220	22.90	99
25 + 25 + 25 + 35 + 42	2.30	2.30	2.30	3.23	3.87				14.0	5.110	22.44	99
25 + 25 + 25 + 35 + 50	2.19	2.19	2.19	3.06	4.37				14.0	4.650	20.40	99
25 + 25 + 25 + 35 + 60	2.06	2.06	2.06	2.88	4.94				14.0	4.180	18.40	99
25 + 25 + 25 + 35 + 71	1.93	1.93	1.93	2.71	5.49				14.0	3.760	16.50	99
25 + 25 + 25 + 42 + 42	2.20	2.20	2.20	3.70	3.70				14.0	4.700	20.64	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
25 + 25 + 25 + 42 + 50	2.10	2.10	2.10	3.52	4.18				14.0	4.310	18.93	99
25 + 25 + 25 + 42 + 60	1.98	1.98	1.98	3.32	4.74				14.0	3.900	17.13	99
25 + 25 + 25 + 50 + 50	2.00	2.00	2.00	4.00	4.00				14.0	3.980	17.50	99
25 + 25 + 25 + 50 + 60	1.89	1.89	1.89	3.78	4.54				14.0	3.630	15.90	99
25 + 25 + 35 + 35 + 35	2.26	2.26	3.16	3.16	3.16				14.0	4.920	21.60	99
25 + 25 + 35 + 35 + 42	2.16	2.16	3.03	3.02	3.63				14.0	4.550	19.98	99
25 + 25 + 35 + 35 + 50	2.06	2.06	2.88	2.88	4.12				14.0	4.180	18.40	99
25 + 25 + 35 + 35 + 60	1.94	1.94	2.72	2.72	4.67				14.0	3.790	16.60	99
25 + 25 + 35 + 42 + 42	2.07	2.07	2.90	3.48	3.48				14.0	4.220	18.53	99
25 + 25 + 35 + 42 + 50	1.98	1.98	2.77	3.32	3.95				14.0	3.900	17.13	99
25 + 25 + 35 + 50 + 50	1.89	1.89	2.65	3.78	3.78				14.0	3.630	15.90	99
25 + 25 + 42 + 42 + 42	1.99	1.99	3.34	3.34	3.34				14.0	3.940	17.30	99
25 + 25 + 42 + 42 + 50	1.90	1.90	3.20	3.20	3.80				14.0	3.660	16.07	99
25 + 35 + 35 + 35 + 35	2.12	2.97	2.97	2.97	2.97				14.0	4.400	19.30	99
25 + 35 + 35 + 35 + 42	2.03	2.85	2.85	2.85	3.42				14.0	4.090	17.96	99
25 + 35 + 35 + 35 + 50	1.94	2.72	2.72	2.72	3.89				14.0	3.790	16.60	99
25 + 35 + 35 + 42 + 42	1.96	2.74	2.74	3.28	3.28				14.0	3.830	16.82	99
35 + 35 + 35 + 35 + 35	2.80	2.80	2.80	2.80	2.80				14.0	3.980	17.50	99
35 + 35 + 35 + 35 + 42	2.69	2.69	2.69	2.69	3.24				14.0	3.730	16.38	99
22 + 22 + 22 + 22 + 22 + 22	2.20	2.20	2.20	2.20	2.20	2.20			13.2	4.770	20.90	99
22 + 22 + 22 + 22 + 22 + 25	2.20	2.20	2.20	2.20	2.20	2.50			13.5	4.980	21.90	99
22 + 22 + 22 + 22 + 22 + 35	2.12	2.12	2.12	2.12	2.12	3.38			14.0	5.220	22.90	99
22 + 22 + 22 + 22 + 22 + 42	2.03	2.03	2.03	2.03	2.03	3.85			14.0	5.110	22.44	99
22 + 22 + 22 + 22 + 22 + 50	1.92	1.92	1.92	1.92	1.92	4.38			14.0	4.650	20.40	99
22 + 22 + 22 + 22 + 22 + 60	1.81	1.81	1.81	1.81	1.81	4.94			14.0	4.180	18.40	99
22 + 22 + 22 + 22 + 22 + 71	1.70	1.70	1.70	1.70	1.70	5.49			14.0	3.760	16.50	99
22 + 22 + 22 + 22 + 25 + 25	2.20	2.20	2.20	2.20	2.50	2.50			13.8	5.200	22.80	99
22 + 22 + 22 + 22 + 25 + 35	2.08	2.08	2.08	2.08	2.36	3.31			14.0	5.220	22.90	99
22 + 22 + 22 + 22 + 25 + 42	1.99	1.99	1.99	1.99	2.26	3.78			14.0	4.920	21.61	99
22 + 22 + 22 + 22 + 25 + 50	1.89	1.89	1.89	1.89	2.15	4.29			14.0	4.500	19.80	99
22 + 22 + 22 + 22 + 25 + 60	1.78	1.78	1.78	1.78	2.02	4.86			14.0	4.050	17.80	99
22 + 22 + 22 + 22 + 25 + 71	1.67	1.67	1.67	1.67	1.90	5.40			14.0	3.660	16.10	99
22 + 22 + 22 + 22 + 35 + 35	1.95	1.95	1.95	1.95	3.10	3.10			14.0	4.750	20.90	99
22 + 22 + 22 + 22 + 35 + 42	1.87	1.87	1.87	1.87	2.97	3.55			14.0	4.400	19.32	99
22 + 22 + 22 + 22 + 35 + 50	1.78	1.78	1.78	1.78	2.83	4.05			14.0	4.050	17.80	99
22 + 22 + 22 + 22 + 35 + 60	1.68	1.68	1.68	1.68	2.68	4.59			14.0	3.690	16.20	99
22 + 22 + 22 + 22 + 42 + 42	1.79	1.79	1.79	1.79	3.42	3.42			14.0	4.090	17.96	99
22 + 22 + 22 + 22 + 42 + 50	1.71	1.71	1.71	1.71	3.27	3.89			14.0	3.790	16.64	99
22 + 22 + 22 + 25 + 25 + 25	2.18	2.18	2.18	2.48	2.48	2.48			14.0	5.220	22.90	99
22 + 22 + 22 + 25 + 25 + 35	2.04	2.04	2.04	2.32	2.32	3.24			14.0	5.170	22.70	99
22 + 22 + 22 + 25 + 25 + 42	1.95	1.95	1.95	2.22	2.22	3.71			14.0	4.750	20.86	99
22 + 22 + 22 + 25 + 25 + 50	1.86	1.86	1.86	2.10	2.10	4.22			14.0	4.350	19.10	99
22 + 22 + 22 + 25 + 25 + 60	1.75	1.75	1.75	1.99	1.99	4.77			14.0	3.940	17.30	99
22 + 22 + 22 + 25 + 35 + 35	1.91	1.91	1.91	2.17	3.04	3.04			14.0	4.600	20.20	99
22 + 22 + 22 + 25 + 35 + 42	1.83	1.83	1.83	2.08	2.92	3.50			14.0	4.260	18.71	99
22 + 22 + 22 + 25 + 35 + 50	1.75	1.75	1.75	1.99	2.78	3.98			14.0	3.940	17.30	99
22 + 22 + 22 + 25 + 42 + 42	1.76	1.76	1.76	2.00	3.36	3.36			14.0	3.980	17.48	99
22 + 22 + 22 + 25 + 42 + 50	1.68	1.68	1.68	1.91	3.21	3.83			14.0	3.690	16.21	99
22 + 22 + 22 + 35 + 35 + 35	1.80	1.80	1.80	2.86	2.86	2.86			14.0	4.140	18.20	99
22 + 22 + 22 + 35 + 35 + 42	1.73	1.73	1.73	2.75	2.75	3.30			14.0	3.860	16.95	99
22 + 22 + 22 + 35 + 42 + 42	1.66	1.66	1.66	2.65	3.18	3.18			14.0	3.630	15.94	99
22 + 22 + 25 + 25 + 25 + 25	2.14	2.14	2.43	2.43	2.43	2.43			14.0	5.220	22.90	99
22 + 22 + 25 + 25 + 25 + 35	2.00	2.00	2.27	2.27	2.27	3.18			14.0	4.980	21.90	99
22 + 22 + 25 + 25 + 25 + 42	1.91	1.91	2.17	2.17	2.17	3.65			14.0	4.600	20.20	99
22 + 22 + 25 + 25 + 25 + 50	1.82	1.82	2.07	2.07	2.07	4.14			14.0	4.220	18.50	99
22 + 22 + 25 + 25 + 25 + 60	1.72	1.72	1.96	1.96	1.96	4.68			14.0	3.830	16.80	99
22 + 22 + 25 + 25 + 35 + 35	1.88	1.88	2.13	2.13	2.99	2.99			14.0	4.450	19.50	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Cooling Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
22 + 22 + 25 + 25 + 35 + 42	1.80	1.80	2.05	2.05	2.87	3.43			14.0	4.140	18.18	99
22 + 22 + 25 + 25 + 35 + 50	1.72	1.72	1.96	1.96	2.74	3.90			14.0	3.830	16.80	99
22 + 22 + 25 + 25 + 42 + 42	1.73	1.73	1.97	1.97	3.30	3.30			14.0	3.860	16.95	99
22 + 22 + 25 + 35 + 35 + 35	1.77	1.77	2.00	2.82	2.82	2.82			14.0	4.010	17.60	99
22 + 22 + 25 + 35 + 35 + 42	1.70	1.70	1.93	2.71	2.71	3.25			14.0	3.760	16.51	99
22 + 22 + 35 + 35 + 35 + 35	1.67	1.67	2.66	2.66	2.66	2.66			14.0	3.660	16.10	99
22 + 25 + 25 + 25 + 25 + 25	2.10	2.38	2.38	2.38	2.38	2.38			14.0	5.220	22.90	99
22 + 25 + 25 + 25 + 25 + 35	1.96	2.23	2.23	2.23	2.23	3.12			14.0	4.810	21.10	99
22 + 25 + 25 + 25 + 25 + 42	1.88	2.13	2.13	2.13	2.13	3.59			14.0	4.450	19.54	99
22 + 25 + 25 + 25 + 25 + 50	1.79	2.03	2.03	2.03	2.03	4.07			14.0	4.090	18.00	99
22 + 25 + 25 + 25 + 25 + 60	1.69	1.92	1.92	1.92	1.92	4.62			14.0	3.730	16.40	99
22 + 25 + 25 + 25 + 35 + 35	1.84	2.10	2.10	2.10	2.93	2.93			14.0	4.310	18.90	99
22 + 25 + 25 + 25 + 35 + 42	1.77	2.01	2.01	2.01	2.82	3.38			14.0	4.010	17.61	99
22 + 25 + 25 + 25 + 35 + 50	1.69	1.92	1.92	1.92	2.69	3.85			14.0	3.730	16.40	99
22 + 25 + 25 + 25 + 42 + 42	1.70	1.93	1.93	1.93	3.25	3.25			14.0	3.760	16.51	99
22 + 25 + 25 + 35 + 35 + 35	1.73	1.98	1.98	2.77	2.77	2.77			14.0	3.900	17.10	99
22 + 25 + 25 + 35 + 35 + 42	1.67	1.90	1.90	2.66	2.66	3.20			14.0	3.660	16.07	99
25 + 25 + 25 + 25 + 25 + 25	2.33	2.33	2.33	2.33	2.33	2.33			14.0	5.240	23.00	99
25 + 25 + 25 + 25 + 25 + 35	2.19	2.19	2.19	2.19	2.19	3.05			14.0	4.650	20.40	99
25 + 25 + 25 + 25 + 25 + 42	2.10	2.10	2.10	2.10	2.10	3.50			14.0	4.310	18.93	99
25 + 25 + 25 + 25 + 25 + 50	2.00	2.00	2.00	2.00	2.00	4.00			14.0	3.980	17.50	99
25 + 25 + 25 + 25 + 25 + 60	1.89	1.89	1.89	1.89	1.89	4.54			14.0	3.630	15.90	99
25 + 25 + 25 + 25 + 35 + 35	2.06	2.06	2.06	2.06	2.88	2.88			14.0	4.180	18.40	99
25 + 25 + 25 + 25 + 35 + 42	1.98	1.98	1.98	1.98	2.77	3.31			14.0	3.900	17.13	99
25 + 25 + 25 + 25 + 35 + 50	1.89	1.89	1.89	1.89	2.65	3.78			14.0	3.630	15.90	99
25 + 25 + 25 + 35 + 35 + 35	1.94	1.94	1.94	2.72	2.72	2.72			14.0	3.790	16.60	99
25 + 25 + 25 + 25 + 42 + 42	1.90	1.90	1.90	1.90	3.20	3.20			14.0	3.660	16.07	99
22 + 22 + 22 + 22 + 22 + 22 + 22	2.00	2.00	2.00	2.00	2.00	2.00	2.00		14.0	4.980	21.90	99
22 + 22 + 22 + 22 + 22 + 22 + 25	1.96	1.96	1.96	1.96	1.96	1.96	2.23		14.0	4.810	21.10	99
22 + 22 + 22 + 22 + 22 + 22 + 35	1.84	1.84	1.84	1.84	1.84	1.84	2.93		14.0	4.310	18.90	99
22 + 22 + 22 + 22 + 22 + 22 + 42	1.77	1.77	1.77	1.77	1.77	1.77	3.38		14.0	4.010	17.61	99
22 + 22 + 22 + 22 + 22 + 22 + 50	1.69	1.69	1.69	1.69	1.69	1.69	3.85		14.0	3.730	16.40	99
22 + 22 + 22 + 22 + 22 + 25 + 25	1.92	1.92	1.92	1.92	1.92	2.19	2.19		14.0	4.650	20.40	99
22 + 22 + 22 + 22 + 22 + 25 + 35	1.81	1.81	1.81	1.81	1.81	2.06	2.88		14.0	4.180	18.40	99
22 + 22 + 22 + 22 + 22 + 25 + 42	1.74	1.74	1.74	1.74	1.74	1.98	3.32		14.0	3.900	17.13	99
22 + 22 + 22 + 22 + 22 + 25 + 50	1.66	1.66	1.66	1.66	1.66	1.89	3.78		14.0	3.630	15.90	99
22 + 22 + 22 + 22 + 22 + 35 + 35	1.71	1.71	1.71	1.71	1.71	2.72	2.72		14.0	3.790	16.60	99
22 + 22 + 22 + 22 + 25 + 25 + 25	1.89	1.89	1.89	1.89	2.14	2.14	2.14		14.0	4.500	19.80	99
22 + 22 + 22 + 22 + 25 + 25 + 35	1.78	1.78	1.78	1.78	2.02	2.02	2.83		14.0	4.050	17.80	99
22 + 22 + 22 + 22 + 25 + 25 + 42	1.71	1.71	1.71	1.71	1.94	1.94	3.27		14.0	3.790	16.64	99
22 + 22 + 22 + 22 + 25 + 35 + 35	1.68	1.68	1.68	1.68	1.91	2.68	2.68		14.0	3.690	16.20	99
22 + 22 + 22 + 25 + 25 + 25 + 25	1.85	1.85	1.85	2.11	2.11	2.11	2.11		14.0	4.350	19.10	99
22 + 22 + 22 + 25 + 25 + 25 + 35	1.75	1.75	1.75	1.99	1.99	1.99	2.78		14.0	3.940	17.30	99
22 + 22 + 22 + 25 + 25 + 25 + 42	1.68	1.68	1.68	1.91	1.91	1.91	3.21		14.0	3.690	16.21	99
22 + 22 + 25 + 25 + 25 + 25 + 25	1.82	1.82	2.07	2.07	2.07	2.07	2.07		14.0	4.220	18.50	99
22 + 22 + 25 + 25 + 25 + 25 + 35	1.71	1.71	1.96	1.96	1.96	1.96	2.74		14.0	3.830	16.80	99
22 + 25 + 25 + 25 + 25 + 25 + 25	1.79	2.03	2.03	2.03	2.03	2.03	2.03		14.0	4.090	18.00	99
22 + 25 + 25 + 25 + 25 + 25 + 35	1.69	1.92	1.92	1.92	1.92	1.92	2.69		14.0	3.730	16.40	99
25 + 25 + 25 + 25 + 25 + 25 + 25	2.00	2.00	2.00	2.00	2.00	2.00	2.00		14.0	3.980	17.50	99
25 + 25 + 25 + 25 + 25 + 25 + 35	1.89	1.89	1.89	1.89	1.89	1.89	2.65		14.0	3.630	15.90	99
22 + 22 + 22 + 22 + 22 + 22 + 22 + 22	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	14.0	3.940	17.30	99
22 + 22 + 22 + 22 + 22 + 22 + 22 + 25	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.96	14.0	3.830	16.80	99
22 + 22 + 22 + 22 + 22 + 22 + 25 + 25	1.69	1.69	1.69	1.69	1.69	1.69	1.92	1.92	14.0	3.730	16.40	99
22 + 22 + 22 + 22 + 22 + 25 + 25 + 25	1.66	1.66	1.66	1.66	1.66	1.89	1.89	1.89	14.0	3.630	15.90	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
22	3.30								3.3	1.130	4.96	99
25	3.60								3.6	1.240	5.45	99
35	4.00								4.0	1.370	6.02	99
42	5.50								5.5	1.890	8.30	99
50	7.20								7.2	2.470	10.85	99
60	7.90								7.9	2.740	12.03	99
71	8.60								8.6	3.020	13.26	99
22 + 22	2.50	2.50							5.0	1.720	7.55	99
22 + 25	2.53	2.87							5.4	1.860	8.17	99
22 + 35	2.51	3.99							6.5	2.250	9.88	99
22 + 42	2.51	4.79							7.3	2.540	11.16	99
22 + 50	2.51	5.69							8.2	2.880	12.65	99
22 + 60	2.52	6.88							9.4	3.340	14.67	99
22 + 71	2.51	8.09							10.6	3.810	16.73	99
25 + 25	2.85	2.85							5.7	1.960	8.61	99
25 + 35	2.88	4.02							6.9	2.400	10.54	99
25 + 42	2.87	4.83							7.7	2.690	11.81	99
25 + 50	2.87	5.73							8.6	3.030	13.31	99
25 + 60	2.85	6.85							9.7	3.450	15.15	99
25 + 71	2.86	8.14							11.0	3.960	17.39	99
35 + 35	4.00	4.00							8.0	2.810	12.34	99
35 + 42	4.00	4.80							8.8	3.110	13.66	99
35 + 50	3.99	5.71							9.7	3.450	15.15	99
35 + 60	4.02	6.88							10.9	3.920	17.22	99
35 + 71	4.00	8.10							12.1	4.350	19.10	99
42 + 42	4.80	4.80							9.6	3.420	15.02	99
42 + 50	4.79	5.71							10.5	3.770	16.56	99
42 + 60	4.82	6.88							11.7	4.220	18.53	99
42 + 71	4.79	8.11							12.9	4.600	20.20	99
50 + 50	5.70	5.70							11.4	4.120	18.09	99
50 + 60	5.73	6.87							12.6	4.510	19.81	99
50 + 71	5.70	8.10							13.8	4.880	21.43	99
60 + 60	6.85	6.85							13.7	4.850	21.30	99
60 + 71	6.87	8.13							15.0	5.260	23.10	99
71 + 71	8.00	8.00							16.0	5.430	23.85	99
22 + 22 + 22	2.50	2.50	2.50						7.5	2.620	11.51	99
22 + 22 + 25	2.52	2.52	2.86						7.9	2.770	12.17	99
22 + 22 + 35	2.51	2.51	3.98						9.0	3.190	14.01	99
22 + 22 + 42	2.51	2.51	4.78						9.8	3.490	15.33	99
22 + 22 + 50	2.50	2.50	5.69						10.7	3.850	16.91	99
22 + 22 + 60	2.52	2.52	6.86						11.9	4.280	18.80	99
22 + 22 + 71	2.51	2.51	8.09						13.1	4.660	20.47	99
22 + 25 + 25	2.50	2.85	2.85						8.2	2.880	12.65	99
22 + 25 + 35	2.52	2.87	4.01						9.4	3.340	14.67	99
22 + 25 + 42	2.52	2.87	4.81						10.2	3.650	16.03	99
22 + 25 + 50	2.52	2.86	5.72						11.1	4.000	17.57	99
22 + 25 + 60	2.51	2.85	6.84						12.2	4.380	19.24	99
22 + 25 + 71	2.52	2.86	8.12						13.5	4.790	21.04	99
22 + 35 + 35	2.51	3.99	3.99						10.5	3.770	16.56	99
22 + 35 + 42	2.51	3.99	4.79						11.3	4.080	17.92	99
22 + 35 + 50	2.51	3.99	5.70						12.2	4.380	19.24	99
22 + 35 + 60	2.52	4.01	6.87						13.4	4.760	20.90	99
22 + 35 + 71	2.51	3.99	8.10						14.6	5.130	22.53	99
22 + 42 + 42	2.51	4.79	4.79						12.1	4.350	19.10	99
22 + 42 + 50	2.51	4.79	5.70						13.0	4.630	20.33	99
22 + 42 + 60	2.52	4.81	6.87						14.2	5.010	22.00	99
22 + 42 + 71	2.51	4.79	8.10						15.4	5.380	23.63	99

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NOTE: Electrical data is for outdoor unit only.

Indoor units combination	Heating capacity (kW)									Outdoor unit power consumption (kW)	Current (A)	Power factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
22 + 50 + 50	2.50	5.70	5.70						13.9	4.910	21.56	99
22 + 50 + 60	2.52	5.72	6.86						15.1	5.290	23.23	99
22 + 50 + 71	2.46	5.59	7.94						16.0	5.370	23.58	99
22 + 60 + 60	2.48	6.76	6.76						16.0	5.430	23.85	99
22 + 60 + 71	2.30	6.27	7.42						16.0	4.880	21.43	99
22 + 71 + 71	2.14	6.93	6.93						16.0	4.430	19.46	99
25 + 25 + 25	2.86	2.86	2.86						8.6	3.030	13.31	99
25 + 25 + 35	2.85	2.85	3.99						9.7	3.450	15.15	99
25 + 25 + 42	2.85	2.85	4.79						10.5	3.770	16.56	99
25 + 25 + 50	2.85	2.85	5.70						11.4	4.120	18.09	99
25 + 25 + 60	2.86	2.86	6.87						12.6	4.510	19.81	99
25 + 25 + 71	2.85	2.85	8.10						13.8	4.880	21.43	99
25 + 35 + 35	2.86	4.02	4.02						10.9	3.920	17.22	99
25 + 35 + 42	2.87	4.01	4.82						11.7	4.220	18.53	99
25 + 35 + 50	2.86	4.01	5.73						12.6	4.510	19.81	99
25 + 35 + 60	2.85	4.00	6.85						13.7	4.850	21.30	99
25 + 35 + 71	2.86	4.01	8.13						15.0	5.260	23.10	99
25 + 42 + 42	2.86	4.82	4.82						12.5	4.480	19.68	99
25 + 42 + 50	2.86	4.81	5.73						13.4	4.760	20.90	99
25 + 42 + 60	2.85	4.80	6.85						14.5	5.100	22.40	99
25 + 42 + 71	2.86	4.81	8.13						15.8	5.500	24.15	99
25 + 50 + 50	2.86	5.72	5.72						14.3	5.040	22.13	99
25 + 50 + 60	2.85	5.70	6.84						15.4	5.380	23.63	99
25 + 50 + 71	2.74	5.48	7.78						16.0	5.210	22.88	99
25 + 60 + 60	2.76	6.62	6.62						16.0	5.270	23.14	99
25 + 60 + 71	2.56	6.15	7.28						16.0	4.750	20.86	99
25 + 71 + 71	2.40	6.80	6.80						16.0	4.320	18.97	99
35 + 35 + 35	4.00	4.00	4.00						12.0	4.320	18.97	99
35 + 35 + 42	4.00	4.00	4.80						12.8	4.570	20.07	99
35 + 35 + 50	4.00	4.00	5.70						13.7	4.850	21.30	99
35 + 35 + 60	4.01	4.01	6.88						14.9	5.230	22.97	99
35 + 35 + 71	3.97	3.97	8.06						16.0	5.480	24.07	99
35 + 42 + 42	4.00	4.80	4.80						13.6	4.820	21.17	99
35 + 42 + 50	4.00	4.80	5.70						14.5	5.100	22.40	99
35 + 42 + 60	4.01	4.81	6.88						15.7	5.470	24.02	99
35 + 42 + 71	3.78	4.54	7.68						16.0	5.110	22.44	99
35 + 50 + 50	3.99	5.70	5.70						15.4	5.380	23.63	99
35 + 50 + 60	3.86	5.52	6.62						16.0	5.270	23.14	99
35 + 50 + 71	3.59	5.13	7.28						16.0	4.750	20.86	99
35 + 60 + 60	3.61	6.19	6.19						16.0	4.790	21.04	99
35 + 60 + 71	3.37	5.78	6.84						16.0	4.350	19.10	99
35 + 71 + 71	3.16	6.42	6.42						16.0	3.990	17.52	99
42 + 42 + 42	4.80	4.80	4.80						14.4	5.070	22.27	99
42 + 42 + 50	4.80	4.80	5.70						15.3	5.350	23.50	99
42 + 42 + 60	4.67	4.67	6.66						16.0	5.320	23.36	99
42 + 42 + 71	4.34	4.34	7.32						16.0	4.790	21.04	99
42 + 50 + 50	4.73	5.63	5.63						16.0	5.430	23.85	99
42 + 50 + 60	4.42	5.26	6.32						16.0	4.920	21.61	99
42 + 50 + 71	4.12	4.91	6.97						16.0	4.460	19.59	99
42 + 60 + 60	4.14	5.93	5.93						16.0	4.500	19.76	99
42 + 60 + 71	3.88	5.55	6.57						16.0	4.120	18.09	99
42 + 71 + 71	3.65	6.17	6.17						16.0	3.790	16.64	99
50 + 50 + 50	5.33	5.33	5.33						16.0	5.020	22.05	99
50 + 50 + 60	5.00	5.00	6.00						16.0	4.580	20.11	99
50 + 50 + 71	4.68	4.68	6.64						16.0	4.180	18.36	99
50 + 60 + 60	4.70	5.65	5.65						16.0	4.210	18.49	99
50 + 60 + 71	4.42	5.30	6.28						16.0	3.870	17.00	99

MXZ-8A140VA

NOTE: Electrical data is for outdoor unit only.

Indoor units combination	Heating capacity (kW)									Outdoor unit power consumption (kW)	Current (A)	Power factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
60 + 60 + 60	5.33	5.33	5.33						16.0	3.900	17.13	99
22 + 22 + 22 + 22	2.52	2.52	2.52	2.52					10.1	3.610	15.85	99
22 + 22 + 22 + 25	2.51	2.51	2.51	2.86					10.4	3.730	16.38	99
22 + 22 + 22 + 35	2.50	2.50	2.50	3.99					11.5	4.150	18.23	99
22 + 22 + 22 + 42	2.51	2.51	2.51	4.77					12.3	4.410	19.37	99
22 + 22 + 22 + 50	2.52	2.52	2.52	5.73					13.3	4.730	20.77	99
22 + 22 + 22 + 60	2.51	2.51	2.51	6.86					14.4	5.070	22.27	99
22 + 22 + 22 + 71	2.52	2.52	2.52	8.14					15.7	5.470	24.02	99
22 + 22 + 25 + 25	2.50	2.50	2.85	2.85					10.7	3.850	16.91	99
22 + 22 + 25 + 35	2.52	2.52	2.86	4.00					11.9	4.280	18.80	99
22 + 22 + 25 + 42	2.52	2.52	2.86	4.80					12.7	4.540	19.94	99
22 + 22 + 25 + 50	2.51	2.51	2.86	5.71					13.6	4.820	21.17	99
22 + 22 + 25 + 60	2.51	2.51	2.85	6.83					14.7	5.160	22.66	99
22 + 22 + 25 + 71	2.51	2.51	2.86	8.11					16.0	5.540	24.33	99
22 + 22 + 35 + 35	2.51	2.51	3.99	3.99					13.0	4.630	20.33	99
22 + 22 + 35 + 42	2.51	2.51	3.99	4.79					13.8	4.880	21.43	99
22 + 22 + 35 + 50	2.51	2.51	3.99	5.69					14.7	5.160	22.66	99
22 + 22 + 35 + 60	2.52	2.52	4.00	6.86					15.9	5.530	24.29	99
22 + 22 + 35 + 71	2.35	2.35	3.73	7.57					16.0	5.020	22.05	99
22 + 22 + 42 + 42	2.51	2.51	4.79	4.79					14.6	5.130	22.53	99
22 + 22 + 42 + 50	2.51	2.51	4.79	5.69					15.5	5.410	23.76	99
22 + 22 + 42 + 60	2.41	2.41	4.60	6.58					16.0	5.210	22.88	99
22 + 22 + 42 + 71	2.24	2.24	4.28	7.24					16.0	4.700	20.64	99
22 + 22 + 50 + 50	2.44	2.44	5.56	5.56					16.0	5.320	23.36	99
22 + 22 + 50 + 60	2.29	2.29	5.19	6.23					16.0	4.830	21.21	99
22 + 22 + 50 + 71	2.13	2.13	4.85	6.88					16.0	4.390	19.28	99
22 + 22 + 60 + 60	2.15	2.15	5.85	5.85					16.0	4.430	19.46	99
22 + 22 + 60 + 71	2.01	2.01	5.49	6.49					16.0	4.050	17.79	99
22 + 25 + 25 + 25	2.52	2.86	2.86	2.86					11.1	4.000	17.57	99
22 + 25 + 25 + 35	2.51	2.85	2.85	3.99					12.2	4.380	19.24	99
22 + 25 + 25 + 42	2.51	2.85	2.85	4.79					13.0	4.630	20.33	99
22 + 25 + 25 + 50	2.51	2.85	2.85	5.69					13.9	4.910	21.56	99
22 + 25 + 25 + 60	2.52	2.86	2.86	6.86					15.1	5.290	23.23	99
22 + 25 + 25 + 71	2.46	2.80	2.80	7.94					16.0	5.370	23.58	99
22 + 25 + 35 + 35	2.52	2.86	4.01	4.01					13.4	4.760	20.90	99
22 + 25 + 35 + 42	2.52	2.86	4.01	4.81					14.2	5.010	22.00	99
22 + 25 + 35 + 50	2.52	2.86	4.00	5.72					15.1	5.290	23.23	99
22 + 25 + 35 + 60	2.48	2.82	3.94	6.76					16.0	5.430	23.85	99
22 + 25 + 35 + 71	2.30	2.61	3.66	7.42					16.0	4.880	21.43	99
22 + 25 + 42 + 42	2.52	2.86	4.81	4.81					15.0	5.260	23.10	99
22 + 25 + 42 + 50	2.52	2.86	4.80	5.72					15.9	5.530	24.29	99
22 + 25 + 42 + 60	2.36	2.68	4.51	6.44					16.0	5.060	22.22	99
22 + 25 + 42 + 71	2.20	2.50	4.20	7.10					16.0	4.580	20.11	99
22 + 25 + 50 + 50	2.39	2.72	5.44	5.44					16.0	5.160	22.66	99
22 + 25 + 50 + 60	2.24	2.55	5.10	6.11					16.0	4.700	20.64	99
22 + 25 + 50 + 71	2.10	2.38	4.76	6.76					16.0	4.280	18.80	99
22 + 25 + 60 + 60	2.10	2.40	5.75	5.75					16.0	4.320	18.97	99
22 + 25 + 60 + 71	1.98	2.25	5.39	6.38					16.0	3.960	17.39	99
22 + 35 + 35 + 35	2.50	4.00	4.00	4.00					14.5	5.100	22.40	99
22 + 35 + 35 + 42	2.51	4.00	4.00	4.79					15.3	5.350	23.50	99
22 + 35 + 35 + 50	2.48	3.94	3.94	5.63					16.0	5.430	23.85	99
22 + 35 + 35 + 60	2.32	3.68	3.68	6.32					16.0	4.920	21.61	99
22 + 35 + 35 + 71	2.16	3.44	3.44	6.96					16.0	4.460	19.59	99
22 + 35 + 42 + 42	2.50	3.96	4.77	4.77					16.0	5.480	24.07	99
22 + 35 + 42 + 50	2.36	3.76	4.51	5.37					16.0	5.060	22.22	99
22 + 35 + 42 + 60	2.21	3.52	4.23	6.04					16.0	4.620	20.29	99
22 + 35 + 42 + 71	2.07	3.29	3.95	6.68					16.0	4.210	18.49	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
22 + 35 + 50 + 50	2.23	3.57	5.10	5.10					16.0	4.700	20.64	99
22 + 35 + 50 + 60	2.11	3.35	4.79	5.75					16.0	4.320	18.97	99
22 + 35 + 50 + 71	1.98	3.15	4.49	6.38					16.0	3.960	17.39	99
22 + 35 + 60 + 60	1.99	3.16	5.42	5.42					16.0	3.990	17.52	99
22 + 42 + 42 + 42	2.38	4.54	4.54	4.54					16.0	5.110	22.44	99
22 + 42 + 42 + 50	2.26	4.31	4.31	5.12					16.0	4.750	20.86	99
22 + 42 + 42 + 60	2.12	4.05	4.05	5.78					16.0	4.350	19.10	99
22 + 42 + 42 + 71	1.99	3.80	3.80	6.41					16.0	3.990	17.52	99
22 + 42 + 50 + 50	2.15	4.09	4.88	4.88					16.0	4.430	19.46	99
22 + 42 + 50 + 60	2.02	3.86	4.60	5.52					16.0	4.080	17.92	99
22 + 42 + 50 + 71	1.90	3.63	4.32	6.14					16.0	3.760	16.51	99
22 + 42 + 60 + 60	1.91	3.65	5.22	5.22					16.0	3.790	16.64	99
22 + 50 + 50 + 50	2.05	4.65	4.65	4.65					16.0	4.150	18.23	99
22 + 50 + 50 + 60	1.93	4.40	4.40	5.27					16.0	3.850	16.91	99
25 + 25 + 25 + 25	2.85	2.85	2.85	2.85					11.4	4.120	18.09	99
25 + 25 + 25 + 35	2.86	2.86	2.86	4.01					12.6	4.510	19.81	99
25 + 25 + 25 + 42	2.86	2.86	2.86	4.81					13.4	4.760	20.90	99
25 + 25 + 25 + 50	2.86	2.86	2.86	5.72					14.3	5.040	22.13	99
25 + 25 + 25 + 60	2.85	2.85	2.85	6.84					15.4	5.380	23.63	99
25 + 25 + 25 + 71	2.74	2.74	2.74	7.78					16.0	5.210	22.88	99
25 + 25 + 35 + 35	2.85	2.85	4.00	4.00					13.7	4.850	21.30	99
25 + 25 + 35 + 42	2.85	2.85	4.00	4.80					14.5	5.100	22.40	99
25 + 25 + 35 + 50	2.85	2.85	3.99	5.70					15.4	5.380	23.63	99
25 + 25 + 35 + 60	2.76	2.76	3.86	6.62					16.0	5.270	23.14	99
25 + 25 + 35 + 71	2.56	2.56	3.59	7.28					16.0	4.750	20.86	99
25 + 25 + 42 + 42	2.85	2.85	4.80	4.80					15.3	5.350	23.50	99
25 + 25 + 42 + 50	2.82	2.82	4.73	5.63					16.0	5.430	23.85	99
25 + 25 + 42 + 60	2.63	2.63	4.42	6.32					16.0	4.920	21.61	99
25 + 25 + 42 + 71	2.45	2.45	4.12	6.97					16.0	4.460	19.59	99
25 + 25 + 50 + 50	2.67	2.67	5.33	5.33					16.0	5.020	22.05	99
25 + 25 + 50 + 60	2.50	2.50	5.00	6.00					16.0	4.580	20.11	99
25 + 25 + 50 + 71	2.34	2.34	4.68	6.64					16.0	4.180	18.36	99
25 + 25 + 60 + 60	2.35	2.35	5.65	5.65					16.0	4.210	18.49	99
25 + 25 + 60 + 71	2.21	2.21	5.30	6.28					16.0	3.870	17.00	99
25 + 35 + 35 + 35	2.87	4.01	4.01	4.01					14.9	5.230	22.97	99
25 + 35 + 35 + 42	2.86	4.01	4.01	4.81					15.7	5.470	24.02	99
25 + 35 + 35 + 50	2.76	3.86	3.86	5.52					16.0	5.270	23.14	99
25 + 35 + 35 + 60	2.58	3.61	3.61	6.19					16.0	4.790	21.04	99
25 + 35 + 35 + 71	2.41	3.37	3.37	6.84					16.0	4.350	19.10	99
25 + 35 + 42 + 42	2.78	3.88	4.67	4.67					16.0	5.320	23.36	99
25 + 35 + 42 + 50	2.63	3.68	4.42	5.26					16.0	4.920	21.61	99
25 + 35 + 42 + 60	2.47	3.46	4.15	5.92					16.0	4.500	19.76	99
25 + 35 + 42 + 71	2.31	3.24	3.88	6.57					16.0	4.120	18.09	99
25 + 35 + 50 + 50	2.50	3.50	5.00	5.00					16.0	4.580	20.11	99
25 + 35 + 50 + 60	2.35	3.29	4.71	5.65					16.0	4.210	18.49	99
25 + 35 + 50 + 71	2.21	3.09	4.42	6.28					16.0	3.870	17.00	99
25 + 35 + 60 + 60	2.22	3.11	5.33	5.33					16.0	3.900	17.13	99
25 + 42 + 42 + 42	2.65	4.45	4.45	4.45					16.0	4.970	21.83	99
25 + 42 + 42 + 50	2.52	4.23	4.23	5.02					16.0	4.620	20.29	99
25 + 42 + 42 + 60	2.37	3.98	3.98	5.67					16.0	4.250	18.66	99
25 + 42 + 42 + 71	2.22	3.73	3.73	6.31					16.0	3.900	17.13	99
25 + 42 + 50 + 50	2.40	4.02	4.79	4.79					16.0	4.320	18.97	99
25 + 50 + 50 + 50	2.29	4.57	4.57	4.57					16.0	4.050	17.79	99
25 + 50 + 50 + 60	2.16	4.32	4.32	5.19					16.0	3.760	16.51	99
35 + 35 + 35 + 35	4.00	4.00	4.00	4.00					16.0	5.540	24.33	99
25 + 42 + 50 + 60	2.26	3.80	4.52	5.42					16.0	3.990	17.52	99
35 + 35 + 35 + 50	3.61	3.61	3.61	5.16					16.0	4.790	21.04	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
35 + 35 + 35 + 60	3.39	3.39	3.39	5.82					16.0	4.390	19.28	99
35 + 35 + 35 + 71	3.18	3.18	3.18	6.45					16.0	4.020	17.65	99
35 + 35 + 35 + 42	3.81	3.81	3.81	4.57					16.0	5.160	22.66	99
35 + 35 + 42 + 42	3.64	3.64	4.36	4.36					16.0	4.830	21.21	99
35 + 35 + 42 + 50	3.46	3.46	4.15	4.93					16.0	4.500	19.76	99
35 + 35 + 42 + 60	3.26	3.26	3.91	5.57					16.0	4.150	18.23	99
35 + 35 + 50 + 50	3.29	3.29	4.71	4.71					16.0	4.210	18.49	99
35 + 35 + 50 + 60	3.11	3.11	4.44	5.33					16.0	3.900	17.13	99
35 + 35 + 42 + 71	3.06	3.06	3.67	6.21					16.0	3.820	16.78	99
35 + 42 + 42 + 42	3.48	4.17	4.17	4.17					16.0	4.540	19.94	99
35 + 42 + 42 + 50	3.31	3.98	3.98	4.73					16.0	4.250	18.66	99
35 + 42 + 42 + 60	3.13	3.75	3.75	5.36					16.0	3.930	17.26	99
35 + 50 + 50 + 50	3.03	4.32	4.32	4.32					16.0	3.760	16.51	99
35 + 42 + 50 + 50	3.16	3.80	4.52	4.52					16.0	3.990	17.52	99
42 + 42 + 42 + 42	4.00	4.00	4.00	4.00					16.0	4.280	18.80	99
42 + 42 + 42 + 50	3.82	3.82	3.82	4.54					16.0	4.020	17.65	99
42 + 42 + 50 + 50	3.65	3.65	4.35	4.35					16.0	3.790	16.64	99
22 + 22 + 22 + 22 + 22	2.52	2.52	2.52	2.52	2.52				12.6	4.510	19.80	99
22 + 22 + 22 + 22 + 25	2.51	2.51	2.51	2.51	2.85				12.9	4.600	20.20	99
22 + 22 + 22 + 22 + 35	2.52	2.52	2.52	2.52	4.01				14.1	4.980	21.90	99
22 + 22 + 22 + 22 + 42	2.52	2.52	2.52	2.52	4.81				14.9	5.230	22.97	99
22 + 22 + 22 + 22 + 50	2.52	2.52	2.52	2.52	5.72				15.8	5.500	24.20	99
22 + 22 + 22 + 22 + 60	2.38	2.38	2.38	2.38	6.48				16.0	5.110	22.40	99
22 + 22 + 22 + 22 + 71	2.21	2.21	2.21	2.21	7.14				16.0	4.620	20.30	99
22 + 22 + 22 + 25 + 25	2.52	2.52	2.52	2.87	2.87				13.3	4.730	20.80	99
22 + 22 + 22 + 25 + 35	2.51	2.51	2.51	2.86	4.00				14.4	5.070	22.30	99
22 + 22 + 22 + 25 + 42	2.51	2.51	2.51	2.86	4.80				15.2	5.320	23.36	99
22 + 22 + 22 + 25 + 50	2.50	2.50	2.50	2.84	5.66				16.0	5.480	24.10	99
22 + 22 + 22 + 25 + 60	2.33	2.33	2.33	2.65	6.36				16.0	4.970	21.80	99
22 + 22 + 22 + 25 + 71	2.17	2.17	2.17	2.47	7.01				16.0	4.500	19.80	99
22 + 22 + 22 + 35 + 35	2.51	2.51	2.51	3.98	3.98				15.5	5.410	23.80	99
22 + 22 + 22 + 35 + 42	2.46	2.46	2.46	3.92	4.70				16.0	5.370	23.58	99
22 + 22 + 22 + 35 + 50	2.33	2.33	2.33	3.71	5.30				16.0	4.970	21.80	99
22 + 22 + 22 + 35 + 60	2.19	2.19	2.19	3.48	5.95				16.0	4.540	19.90	99
22 + 22 + 22 + 35 + 71	2.05	2.05	2.05	3.26	6.59				16.0	4.150	18.20	99
22 + 22 + 22 + 42 + 42	2.34	2.34	2.34	4.49	4.49				16.0	5.020	22.05	99
22 + 22 + 22 + 42 + 50	2.23	2.23	2.23	4.25	5.06				16.0	4.660	20.47	99
22 + 22 + 22 + 42 + 60	2.10	2.10	2.10	4.00	5.70				16.0	4.280	18.80	99
22 + 22 + 22 + 42 + 71	1.97	1.97	1.97	3.75	6.34				16.0	3.930	17.26	99
22 + 22 + 22 + 50 + 50	2.12	2.12	2.12	4.82	4.82				16.0	4.350	19.10	99
22 + 22 + 22 + 50 + 60	2.00	2.00	2.00	4.55	5.45				16.0	4.020	17.70	99
22 + 22 + 25 + 25 + 25	2.51	2.51	2.86	2.86	2.86				13.6	4.820	21.20	99
22 + 22 + 25 + 25 + 35	2.51	2.51	2.85	2.85	3.98				14.7	5.160	22.70	99
22 + 22 + 25 + 25 + 42	2.51	2.51	2.85	2.85	4.78				15.5	5.410	23.76	99
22 + 22 + 25 + 25 + 50	2.44	2.44	2.78	2.78	5.56				16.0	5.320	23.40	99
22 + 22 + 25 + 25 + 60	2.29	2.29	2.60	2.60	6.22				16.0	4.830	21.20	99
22 + 22 + 25 + 25 + 71	2.13	2.13	2.42	2.42	6.88				16.0	4.390	19.30	99
22 + 22 + 25 + 35 + 35	2.52	2.52	2.86	4.00	4.00				15.9	5.530	24.30	99
22 + 22 + 25 + 35 + 42	2.41	2.41	2.74	3.84	4.60				16.0	5.210	22.88	99
22 + 22 + 25 + 35 + 50	2.29	2.29	2.60	3.64	5.18				16.0	4.830	21.20	99
22 + 22 + 25 + 35 + 60	2.15	2.15	2.44	3.41	5.85				16.0	4.430	19.50	99
22 + 22 + 25 + 35 + 71	2.01	2.01	2.29	3.20	6.49				16.0	4.050	17.80	99
22 + 22 + 25 + 42 + 42	2.30	2.30	2.61	4.39	4.39				16.0	4.880	21.43	99
22 + 22 + 25 + 42 + 50	2.19	2.19	2.48	4.17	4.97				16.0	4.540	19.94	99
22 + 22 + 25 + 42 + 60	2.06	2.06	2.34	3.93	5.61				16.0	4.180	18.36	99
22 + 22 + 25 + 42 + 71	1.93	1.93	2.20	3.69	6.24				16.0	3.850	16.91	99
22 + 22 + 25 + 50 + 50	2.08	2.08	2.37	4.73	4.73				16.0	4.250	18.70	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
22 + 22 + 25 + 50 + 60	1.97	1.97	2.23	4.47	5.36				16.0	3.930	17.30	99
22 + 22 + 35 + 35 + 35	2.36	2.36	3.76	3.76	3.76				16.0	5.060	22.20	99
22 + 22 + 35 + 35 + 42	2.26	2.26	3.59	3.59	4.30				16.0	4.750	20.86	99
22 + 22 + 35 + 35 + 50	2.15	2.15	3.41	3.41	4.88				16.0	4.430	19.50	99
22 + 22 + 35 + 35 + 60	2.02	2.02	3.22	3.22	5.52				16.0	4.080	17.90	99
22 + 22 + 35 + 35 + 71	1.90	1.90	3.03	3.03	6.14				16.0	3.760	16.50	99
22 + 22 + 35 + 42 + 42	2.16	2.16	3.44	4.12	4.12				16.0	4.460	19.59	99
22 + 22 + 35 + 42 + 50	2.06	2.06	3.27	3.93	4.68				16.0	4.180	18.36	99
22 + 22 + 35 + 42 + 60	1.94	1.94	3.09	3.71	5.30				16.0	3.870	17.00	99
22 + 22 + 35 + 50 + 50	1.97	1.97	3.12	4.47	4.47				16.0	3.930	17.30	99
22 + 22 + 42 + 42 + 42	2.07	2.07	3.95	3.95	3.95				16.0	4.210	18.49	99
22 + 22 + 42 + 42 + 50	1.98	1.98	3.78	3.78	4.48				16.0	3.960	17.39	99
22 + 25 + 25 + 25 + 25	2.50	2.85	2.85	2.85	2.85				13.9	4.910	21.60	99
22 + 25 + 25 + 25 + 35	2.52	2.86	2.86	2.86	4.00				15.1	5.290	23.20	99
22 + 25 + 25 + 25 + 42	2.52	2.86	2.86	2.86	4.80				15.9	5.530	24.29	99
22 + 25 + 25 + 25 + 50	2.39	2.72	2.72	2.72	5.44				16.0	5.160	22.70	99
22 + 25 + 25 + 25 + 60	2.24	2.55	2.55	2.55	6.11				16.0	4.700	20.60	99
22 + 25 + 25 + 25 + 71	2.10	2.38	2.38	2.38	6.76				16.0	4.280	18.80	99
22 + 25 + 25 + 35 + 35	2.48	2.82	2.82	3.94	3.94				16.0	5.430	23.80	99
22 + 25 + 25 + 35 + 42	2.36	2.68	2.68	3.76	4.51				16.0	5.060	22.22	99
22 + 25 + 25 + 35 + 50	2.24	2.55	2.55	3.57	5.09				16.0	4.700	20.60	99
22 + 25 + 25 + 35 + 60	2.11	2.40	2.40	3.35	5.74				16.0	4.320	19.00	99
22 + 25 + 25 + 35 + 71	1.98	2.25	2.25	3.15	6.37				16.0	3.960	17.40	99
22 + 25 + 25 + 42 + 42	2.26	2.56	2.56	4.31	4.31				16.0	4.750	20.86	99
22 + 25 + 25 + 42 + 50	2.15	2.44	2.44	4.10	4.87				16.0	4.430	19.46	99
22 + 25 + 25 + 42 + 60	2.02	2.30	2.30	3.86	5.52				16.0	4.080	17.92	99
22 + 25 + 25 + 42 + 71	1.90	2.16	2.16	3.63	6.14				16.0	3.760	16.51	99
22 + 25 + 25 + 50 + 50	2.04	2.33	2.33	4.65	4.65				16.0	4.150	18.20	99
22 + 25 + 25 + 50 + 60	1.93	2.20	2.20	4.40	5.27				16.0	3.850	16.90	99
22 + 25 + 35 + 35 + 35	2.32	2.63	3.68	3.68	3.68				16.0	4.920	21.60	99
22 + 25 + 35 + 35 + 42	2.21	2.52	3.52	3.52	4.23				16.0	4.620	20.29	99
22 + 25 + 35 + 35 + 50	2.11	2.40	3.35	3.35	4.79				16.0	4.320	19.00	99
22 + 25 + 35 + 35 + 60	1.99	2.26	3.16	3.16	5.42				16.0	3.990	17.50	99
22 + 25 + 35 + 42 + 42	2.12	2.41	3.37	4.05	4.05				16.0	4.350	19.10	99
22 + 25 + 35 + 42 + 50	2.02	2.30	3.22	3.86	4.60				16.0	4.080	17.92	99
22 + 25 + 35 + 42 + 60	1.91	2.17	3.04	3.65	5.22				16.0	3.790	16.64	99
22 + 25 + 35 + 50 + 50	1.92	2.20	3.08	4.40	4.40				16.0	3.850	16.90	99
22 + 25 + 42 + 42 + 42	2.03	2.31	3.88	3.88	3.88				16.0	4.120	18.09	99
22 + 25 + 42 + 42 + 50	1.94	2.21	3.71	3.71	4.42				16.0	3.870	17.00	99
22 + 35 + 35 + 35 + 35	2.16	3.46	3.46	3.46	3.46				16.0	4.500	19.80	99
22 + 35 + 35 + 35 + 42	2.08	3.31	3.31	3.31	3.98				16.0	4.250	18.66	99
22 + 35 + 35 + 35 + 50	1.99	3.16	3.16	3.16	4.52				16.0	3.990	17.50	99
22 + 35 + 35 + 42 + 42	2.00	3.18	3.18	3.82	3.82				16.0	4.020	17.65	99
22 + 35 + 35 + 42 + 50	1.91	3.04	3.04	3.65	4.35				16.0	3.790	16.64	99
22 + 35 + 42 + 42 + 42	1.92	3.06	3.67	3.67	3.67				16.0	3.820	16.78	99
25 + 25 + 25 + 25 + 25	2.86	2.86	2.86	2.86	2.86				14.3	5.040	22.10	99
25 + 25 + 25 + 25 + 35	2.85	2.85	2.85	2.85	3.99				15.4	5.380	23.60	99
25 + 25 + 25 + 25 + 42	2.82	2.82	2.82	2.82	4.72				16.0	5.430	23.85	99
25 + 25 + 25 + 25 + 50	2.67	2.67	2.67	2.67	5.32				16.0	5.020	22.00	99
25 + 25 + 25 + 25 + 60	2.50	2.50	2.50	2.50	6.00				16.0	4.580	20.10	99
25 + 25 + 25 + 25 + 71	2.34	2.34	2.34	2.34	6.64				16.0	4.180	18.40	99
25 + 25 + 25 + 35 + 35	2.76	2.76	2.76	3.86	3.86				16.0	5.270	23.10	99
25 + 25 + 25 + 35 + 42	2.63	2.63	2.63	3.68	4.42				16.0	4.920	21.61	99
25 + 25 + 25 + 35 + 50	2.50	2.50	2.50	3.50	5.00				16.0	4.580	20.10	99
25 + 25 + 25 + 35 + 60	2.35	2.35	2.35	3.29	5.65				16.0	4.210	18.50	99
25 + 25 + 25 + 35 + 71	2.21	2.21	2.21	3.09	6.28				16.0	3.870	17.00	99
25 + 25 + 25 + 42 + 42	2.52	2.52	2.52	4.22	4.22				16.0	4.620	20.29	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
25 + 25 + 25 + 42 + 50	2.40	2.40	2.40	4.02	4.78				16.0	4.320	18.97	99
25 + 25 + 25 + 42 + 60	2.26	2.26	2.26	3.80	5.42				16.0	3.990	17.52	99
25 + 25 + 25 + 50 + 50	2.29	2.29	2.29	4.56	4.56				16.0	4.050	17.80	99
25 + 25 + 25 + 50 + 60	2.16	2.16	2.16	4.32	5.19				16.0	3.760	16.50	99
25 + 25 + 35 + 35 + 35	2.58	2.58	3.61	3.61	3.61				16.0	4.790	21.00	99
25 + 25 + 35 + 35 + 42	2.47	2.47	3.46	3.46	4.14				16.0	4.500	19.76	99
25 + 25 + 35 + 35 + 50	2.35	2.35	3.29	3.29	4.71				16.0	4.210	18.50	99
25 + 25 + 35 + 35 + 60	2.22	2.22	3.11	3.11	5.33				16.0	3.900	17.10	99
25 + 25 + 35 + 42 + 42	2.37	2.37	3.30	3.98	3.98				16.0	4.250	18.66	99
25 + 25 + 35 + 42 + 50	2.26	2.26	3.16	3.80	4.52				16.0	3.990	17.52	99
25 + 25 + 35 + 50 + 50	2.16	2.16	3.03	4.32	4.32				16.0	3.760	16.50	99
25 + 25 + 42 + 42 + 42	2.27	2.27	3.82	3.82	3.82				16.0	4.020	17.65	99
25 + 25 + 42 + 42 + 50	2.17	2.17	3.65	3.65	4.35				16.0	3.790	16.64	99
25 + 35 + 35 + 35 + 35	2.42	3.39	3.39	3.39	3.39				16.0	4.390	19.30	99
25 + 35 + 35 + 35 + 42	2.33	3.26	3.26	3.26	3.89				16.0	4.150	18.23	99
25 + 35 + 35 + 35 + 50	2.22	3.11	3.11	3.11	4.44				16.0	3.900	17.10	99
25 + 35 + 35 + 42 + 42	2.23	3.13	3.13	3.75	3.75				16.0	3.930	17.26	99
35 + 35 + 35 + 35 + 35	3.20	3.20	3.20	3.20	3.20				16.0	4.050	17.80	99
35 + 35 + 35 + 35 + 42	3.08	3.08	3.08	3.08	3.68				16.0	3.850	16.91	99
22 + 22 + 22 + 22 + 22 + 22	2.51	2.51	2.51	2.51	2.51	2.51			15.1	5.290	23.20	99
22 + 22 + 22 + 22 + 22 + 25	2.51	2.51	2.51	2.51	2.51	2.85			15.4	5.380	23.60	99
22 + 22 + 22 + 22 + 22 + 35	2.43	2.43	2.43	2.43	2.43	3.85			16.0	5.270	23.10	99
22 + 22 + 22 + 22 + 22 + 42	2.32	2.32	2.32	2.32	2.32	4.40			16.0	4.920	21.61	99
22 + 22 + 22 + 22 + 22 + 50	2.20	2.20	2.20	2.20	2.20	5.00			16.0	4.580	20.10	99
22 + 22 + 22 + 22 + 22 + 60	2.07	2.07	2.07	2.07	2.07	5.65			16.0	4.210	18.50	99
22 + 22 + 22 + 22 + 22 + 71	1.94	1.94	1.94	1.94	1.94	6.28			16.0	3.870	17.00	99
22 + 22 + 22 + 22 + 25 + 25	2.52	2.52	2.52	2.52	2.86	2.86			15.8	5.500	24.20	99
22 + 22 + 22 + 22 + 25 + 35	2.38	2.38	2.38	2.38	2.70	3.78			16.0	5.110	22.40	99
22 + 22 + 22 + 22 + 25 + 42	2.27	2.27	2.27	2.27	2.58	4.34			16.0	4.790	21.04	99
22 + 22 + 22 + 22 + 25 + 50	2.16	2.16	2.16	2.16	2.45	4.91			16.0	4.460	19.60	99
22 + 22 + 22 + 22 + 25 + 60	2.03	2.03	2.03	2.03	2.31	5.55			16.0	4.120	18.10	99
22 + 22 + 22 + 22 + 25 + 71	1.91	1.91	1.91	1.91	2.17	6.17			16.0	3.790	16.60	99
22 + 22 + 22 + 22 + 35 + 35	2.23	2.23	2.23	2.23	3.54	3.54			16.0	4.660	20.50	99
22 + 22 + 22 + 22 + 35 + 42	2.13	2.13	2.13	2.13	3.39	4.07			16.0	4.390	19.28	99
22 + 22 + 22 + 22 + 35 + 50	2.03	2.03	2.03	2.03	3.24	4.62			16.0	4.120	18.10	99
22 + 22 + 22 + 22 + 35 + 60	1.92	1.92	1.92	1.92	3.06	5.25			16.0	3.820	16.80	99
22 + 22 + 22 + 22 + 42 + 42	2.05	2.05	2.05	2.05	3.90	3.90			16.0	4.150	18.23	99
22 + 22 + 22 + 22 + 42 + 50	1.96	1.96	1.96	1.96	3.73	4.43			16.0	3.900	17.13	99
22 + 22 + 22 + 25 + 25 + 25	2.50	2.50	2.50	2.83	2.83	2.83			16.0	5.480	24.10	99
22 + 22 + 22 + 25 + 25 + 35	2.33	2.33	2.33	2.65	2.65	3.71			16.0	4.970	21.80	99
22 + 22 + 22 + 25 + 25 + 42	2.23	2.23	2.23	2.53	2.53	4.25			16.0	4.660	20.47	99
22 + 22 + 22 + 25 + 25 + 50	2.12	2.12	2.12	2.41	2.41	4.82			16.0	4.350	19.10	99
22 + 22 + 22 + 25 + 25 + 60	2.00	2.00	2.00	2.27	2.27	5.45			16.0	4.020	17.70	99
22 + 22 + 22 + 25 + 35 + 35	2.19	2.19	2.19	2.47	3.48	3.48			16.0	4.540	19.90	99
22 + 22 + 22 + 25 + 35 + 42	2.10	2.10	2.10	2.38	3.33	3.99			16.0	4.280	18.80	99
22 + 22 + 22 + 25 + 35 + 50	2.00	2.00	2.00	2.27	3.18	4.55			16.0	4.020	17.70	99
22 + 22 + 22 + 25 + 42 + 42	2.01	2.01	2.01	2.29	3.84	3.84			16.0	4.050	17.79	99
22 + 22 + 22 + 25 + 42 + 50	1.92	1.92	1.92	2.19	3.67	4.37			16.0	3.820	16.78	99
22 + 22 + 22 + 35 + 35 + 35	2.06	2.06	2.06	3.27	3.27	3.27			16.0	4.180	18.40	99
22 + 22 + 22 + 35 + 35 + 42	1.98	1.98	1.98	3.15	3.15	3.76			16.0	3.960	17.39	99
22 + 22 + 22 + 35 + 42 + 42	1.90	1.90	1.90	3.03	3.63	3.63			16.0	3.760	16.51	99
22 + 22 + 25 + 25 + 25 + 25	2.44	2.44	2.78	2.78	2.78	2.78			16.0	5.320	23.40	99
22 + 22 + 25 + 25 + 25 + 35	2.28	2.28	2.60	2.60	2.60	3.64			16.0	4.830	21.20	99
22 + 22 + 25 + 25 + 25 + 42	2.19	2.19	2.48	2.48	2.48	4.17			16.0	4.540	19.94	99
22 + 22 + 25 + 25 + 25 + 50	2.08	2.08	2.37	2.37	2.37	4.73			16.0	4.250	18.70	99
22 + 22 + 25 + 25 + 25 + 60	1.97	1.97	2.23	2.23	2.23	5.36			16.0	3.930	17.30	99
22 + 22 + 25 + 25 + 35 + 35	2.15	2.15	2.44	2.44	3.41	3.41			16.0	4.430	19.50	99

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Note: Electrical data is for outdoor unit only.

Indoor Unit Combinations	Heating Capacity (kW)									Outdoor Unit Power Consumption (kW)	Current (A)	Power Factor (%)
	Unit **A**	Unit **B**	Unit **C**	Unit **D**	Unit **E**	Unit **F**	Unit **G**	Unit **H**	Total			
22 + 22 + 25 + 25 + 35 + 42	2.06	2.06	2.34	2.34	3.27	3.93			16.0	4.180	18.36	99
22 + 22 + 25 + 25 + 35 + 50	1.97	1.97	2.23	2.23	3.13	4.47			16.0	3.930	17.30	99
22 + 22 + 25 + 25 + 42 + 42	1.98	1.98	2.25	2.25	3.77	3.77			16.0	3.960	17.39	99
22 + 22 + 25 + 35 + 35 + 35	2.02	2.02	2.30	3.22	3.22	3.22			16.0	4.080	17.90	99
22 + 22 + 25 + 35 + 35 + 42	1.94	1.94	2.21	3.09	3.09	3.71			16.0	3.870	17.00	99
22 + 22 + 35 + 35 + 35 + 35	1.91	1.91	3.04	3.04	3.04	3.04			16.0	3.790	16.60	99
22 + 25 + 25 + 25 + 25 + 25	2.39	2.72	2.72	2.72	2.72	2.72			16.0	5.160	22.70	99
22 + 25 + 25 + 25 + 25 + 35	2.24	2.55	2.55	2.55	2.55	3.56			16.0	4.700	20.60	99
22 + 25 + 25 + 25 + 25 + 42	2.15	2.44	2.44	2.44	2.44	4.09			16.0	4.430	19.46	99
22 + 25 + 25 + 25 + 25 + 50	2.04	2.33	2.33	2.33	2.33	4.64			16.0	4.150	18.20	99
22 + 25 + 25 + 25 + 25 + 60	1.93	2.20	2.20	2.20	2.20	5.27			16.0	3.850	16.90	99
22 + 25 + 25 + 25 + 35 + 35	2.10	2.40	2.40	2.40	3.35	3.35			16.0	4.320	19.00	99
22 + 25 + 25 + 25 + 35 + 42	2.02	2.30	2.30	2.30	3.22	3.86			16.0	4.080	17.92	99
22 + 25 + 25 + 25 + 35 + 50	1.93	2.20	2.20	2.20	3.08	4.39			16.0	3.850	16.90	99
22 + 25 + 25 + 25 + 42 + 42	1.94	2.21	2.21	2.21	3.71	3.71			16.0	3.870	17.00	99
22 + 25 + 25 + 35 + 35 + 35	1.99	2.26	2.26	3.16	3.16	3.16			16.0	3.990	17.50	99
22 + 25 + 25 + 35 + 35 + 42	1.91	2.17	2.17	3.04	3.04	3.65			16.0	3.790	16.64	99
25 + 25 + 25 + 25 + 25 + 25	2.66	2.66	2.66	2.66	2.66	2.66			16.0	5.020	22.00	99
25 + 25 + 25 + 25 + 25 + 35	2.50	2.50	2.50	2.50	2.50	3.50			16.0	4.580	20.10	99
25 + 25 + 25 + 25 + 25 + 42	2.40	2.40	2.40	2.40	2.40	4.00			16.0	4.320	18.97	99
25 + 25 + 25 + 25 + 25 + 50	2.28	2.28	2.28	2.28	2.28	4.57			16.0	4.050	17.80	99
25 + 25 + 25 + 25 + 25 + 60	2.16	2.16	2.16	2.16	2.16	5.19			16.0	3.760	16.50	99
25 + 25 + 25 + 25 + 35 + 35	2.35	2.35	2.35	2.35	3.29	3.29			16.0	4.210	18.50	99
25 + 25 + 25 + 25 + 35 + 42	2.26	2.26	2.26	2.26	3.16	3.80			16.0	3.990	17.52	99
25 + 25 + 25 + 25 + 35 + 50	2.16	2.16	2.16	2.16	3.03	4.32			16.0	3.760	16.50	99
25 + 25 + 25 + 35 + 35 + 35	2.22	2.22	2.22	3.11	3.11	3.11			16.0	3.900	17.10	99
25 + 25 + 25 + 25 + 42 + 42	2.17	2.17	2.17	2.17	3.65	3.65			16.0	3.790	16.64	99
22 + 22 + 22 + 22 + 22 + 22 + 22	2.28	2.28	2.28	2.28	2.28	2.28	2.28		16.0	4.830	21.20	99
22 + 22 + 22 + 22 + 22 + 22 + 25	2.24	2.24	2.24	2.24	2.24	2.24	2.55		16.0	4.700	20.60	99
22 + 22 + 22 + 22 + 22 + 22 + 35	2.11	2.11	2.11	2.11	2.11	2.11	3.34		16.0	4.320	19.00	99
22 + 22 + 22 + 22 + 22 + 22 + 42	2.02	2.02	2.02	2.02	2.02	2.02	3.86		16.0	4.080	17.92	99
22 + 22 + 22 + 22 + 22 + 22 + 50	1.93	1.93	1.93	1.93	1.93	1.93	4.40		16.0	3.850	16.90	99
22 + 22 + 22 + 22 + 22 + 25 + 25	2.20	2.20	2.20	2.20	2.20	2.50	2.50		16.0	4.580	20.10	99
22 + 22 + 22 + 22 + 22 + 25 + 35	2.07	2.07	2.07	2.07	2.07	2.35	3.29		16.0	4.210	18.50	99
22 + 22 + 22 + 22 + 22 + 25 + 42	1.99	1.99	1.99	1.99	1.99	2.26	3.79		16.0	3.990	17.52	99
22 + 22 + 22 + 22 + 22 + 25 + 50	1.90	1.90	1.90	1.90	1.90	2.16	4.32		16.0	3.760	16.50	99
22 + 22 + 22 + 22 + 22 + 35 + 35	1.96	1.96	1.96	1.96	1.96	3.10	3.10		16.0	3.900	17.10	99
22 + 22 + 22 + 22 + 25 + 25 + 25	2.16	2.16	2.16	2.16	2.45	2.45	2.45		16.0	4.460	19.60	99
22 + 22 + 22 + 22 + 25 + 25 + 35	2.03	2.03	2.03	2.03	2.31	2.31	3.24		16.0	4.120	18.10	99
22 + 22 + 22 + 22 + 25 + 25 + 42	1.96	1.96	1.96	1.96	2.22	2.22	3.72		16.0	3.900	17.13	99
22 + 22 + 22 + 22 + 25 + 35 + 35	1.92	1.92	1.92	1.92	2.19	3.06	3.06		16.0	3.820	16.80	99
22 + 22 + 22 + 25 + 25 + 25 + 25	2.12	2.12	2.12	2.41	2.41	2.41	2.41		16.0	4.350	19.10	99
22 + 22 + 22 + 25 + 25 + 25 + 35	2.00	2.00	2.00	2.27	2.27	2.27	3.18		16.0	4.020	17.70	99
22 + 22 + 22 + 25 + 25 + 25 + 42	1.92	1.92	1.92	2.19	2.19	2.19	3.67		16.0	3.820	16.78	99
22 + 22 + 25 + 25 + 25 + 25 + 25	2.07	2.07	2.37	2.37	2.37	2.37	2.37		16.0	4.250	18.70	99
22 + 22 + 25 + 25 + 25 + 25 + 35	1.97	1.97	2.23	2.23	2.23	2.23	3.13		16.0	3.930	17.30	99
22 + 25 + 25 + 25 + 25 + 25 + 25	2.05	2.32	2.32	2.32	2.32	2.32	2.32		16.0	4.150	18.20	99
22 + 25 + 25 + 25 + 25 + 25 + 35	1.93	2.20	2.20	2.20	2.20	2.20	3.07		16.0	3.850	16.90	99
25 + 25 + 25 + 25 + 25 + 25 + 25	2.28	2.28	2.28	2.28	2.28	2.28	2.28		16.0	4.050	17.80	99
25 + 25 + 25 + 25 + 25 + 25 + 35	2.16	2.16	2.16	2.16	2.16	2.16	3.03		16.0	3.760	16.50	99
22 + 22 + 22 + 22 + 22 + 22 + 22 + 22	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	16.0	4.020	17.70	99
22 + 22 + 22 + 22 + 22 + 22 + 22 + 25	1.96	1.96	1.96	1.96	1.96	1.96	1.96	2.23	16.0	3.930	17.30	99
22 + 22 + 22 + 22 + 22 + 22 + 25 + 25	1.93	1.93	1.93	1.93	1.93	1.93	2.20	2.20	16.0	3.850	16.90	99
22 + 22 + 22 + 22 + 22 + 25 + 25 + 25	1.90	1.90	1.90	1.90	1.90	2.16	2.16	2.16	16.0	3.760	16.50	99

Conditions for specifications

Temperature conditions are based on JIS B8616

Cooling	Indoor	27˚C DB, 19˚C WB
	Outdoor	35˚C DB
Heating	Indoor	20˚C DB
	Outdoor	7˚C DB, 6˚C WB

Refrigerant piping length ; 5M

Total input are indicated based on the following voltages.

	Indoor unit	Outdoor unit
50Hz	Single ph. 230V	Single ph. 230V / Three ph. 400V

How to read a model name

1) M & S SERIES

M	M : M SERIES S : S SERIES
S	"S"= Wall-mounted , "F"= Compact Floor-standing , "E"= Compact Ceiling-concealed , "L"= 4-or 1-way cassette , "U"= Outdoor unit
Z	"Z"= Inverter Heat Pump , "H"= Fixed-Speed Heat Pump , "none"= Cooling Only
–	
F	Series
D	Generation
25	Rated cooling capacity (kW base)
V	230V / Single Phase / 50Hz
A	"A"= R410A with new A control , "B"= R410A with conventional control
H	"H"= Anti-freeze Heater Equipped Model , "S"= Silver Indoor Unit

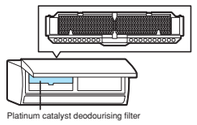
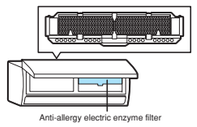
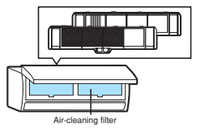
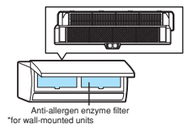
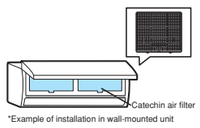
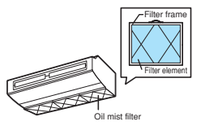
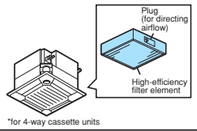
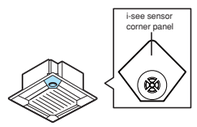
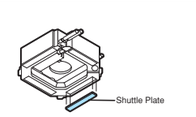
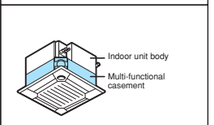
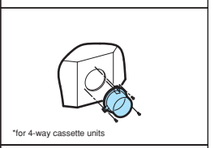
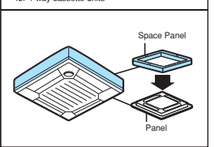
2) P SERIES

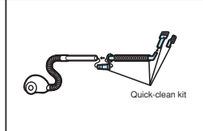
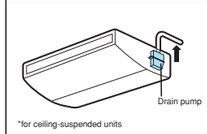
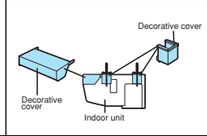
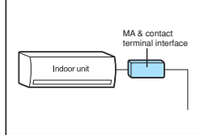
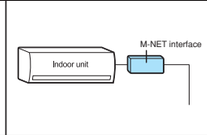
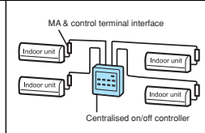
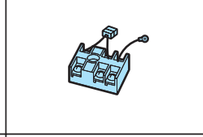
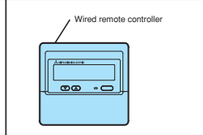
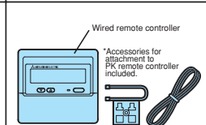
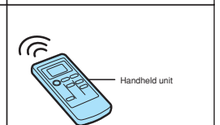
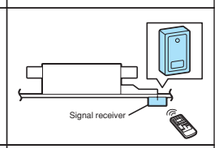
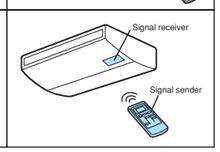
P	P SERIES
U	"K"= Wall-mounted , "S"= Floor-standing , "L"= 4-way cassette , "E"= Ceiling-concealed , "C"= Ceiling Suspended , "U"= Outdoor unit
H	"H"=For heating and cooling , "blank"= Cooling Only
Z	"Z"=Inverter , "blank"= Fixed-Speed
–	
H	"H"= Powerful Heating ZUBADAN , "blank" = Other series
RP	"RP"= R410A & Cleaning Free Pipe Reuse, "P"=R410A
71	Rated cooling capacity (kW base)
V	"V"= 230V / Single Phase / 50Hz , "Y"=400V / Three Phase / 50Hz
H	Generation
A	"A"= A control

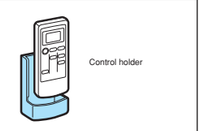
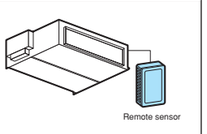
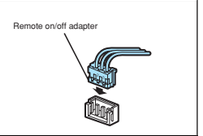
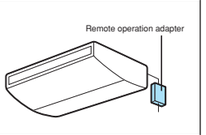
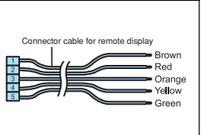
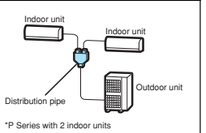
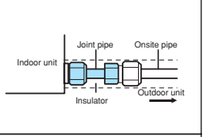
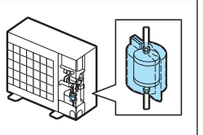
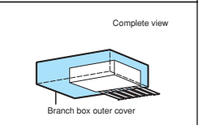
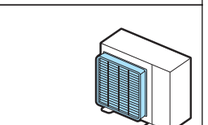
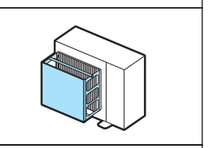
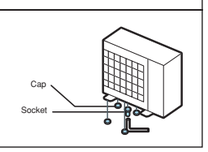
3) MXZ SERIES

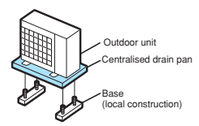
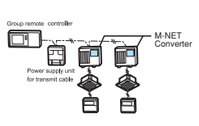
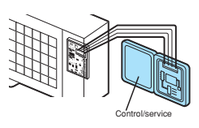
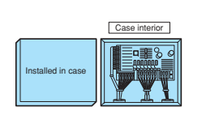
M	M series
X	Multi System Outdoor unit (Heat Pump)
Z	Inverter Heat Pump
–	
4	Maximum number of connectable indoor units
A	Generation
71	Rated cooling capacity (kW base)
V	230V / Single Phase / 50Hz
A	"A"= R410A with new A control

Major Optional Parts

Part Name	Description
Platinum Catalyst Deodourising Filter Captures small foul-smelling substances in the air, then breakdown the source of the odours with the power of the ozone generated in the plasma electrode unit and platinum catalyst contained in the filter.	
Anti-allergy Electric Enzyme Filter This electrified filter catches dead mites and their droppings, pollen and other allergens on the filter filament, then decomposes them with artificial enzymes.	
Air-cleaning Filter Removes fine dust particles from the air by means of static electricity.	
Anti-allergen Enzyme Filter Captures the bacteria, pollen and other allergens in the air and neutralise them with the enzyme in the filter.	
Catechin Air Filter Contains catechin, which has antiviral and antibacterial characteristics.	
Oil Mist Filter Element Filter element (12 pieces) that blocks the oil mist for ceiling-suspended models used in professional kitchens.	
High-efficiency Filter Element Element for high-efficiency filter. Removes fine dust particles from the air.	
i-see Sensor Corner Panel Corner panel holding the i-see Sensor.	
Shuttle Plate Plate for blocking an air outlet of the 4-way cassette indoor unit.	
Multi-functional Casement Casement for fresh-air intake and attaching the high-efficiency filter element (optional).	
Fresh-air Intake Duct Flange Flange attachment for adding a duct to take in fresh air from outside.	
Space Panel Decorative cover for the installation when the ceiling height is low.	

Part Name	Description
Quick-clean Kit Cleaning tool to remove dust on the filter, fan and heat exchanger. This tool can be easily connected to a household vacuum cleaner for quick, convenient cleaning of the units.	
Drain Pump Pumps drain water to a point higher than that where the unit is installation.	
Decorative Cover To be attached to the upper section of ceiling-suspended models for professional kitchen use. Helps prevent dust accumulation.	
MA& Contact Terminal Interface Interface for connecting with the PAR-21MAA remote controller or MAC-821SC-E Centralised On/Off remote controller, and to relay operation signals.	
M-NET Interface Interface to connect with M-NET controllers.	
Centralised On/Off Controller Remote controller capable of regulating up to eight indoor units. On/Off selection and operation status confirmation are possible.	
Power Supply Terminal Kit Terminal bed to change the power supply from outdoor power supply to separate indoor/outdoor power supplies.	
Wired Remote Controller Advanced remote controller with a large-size dot liquid-crystal display, multi-language display and convenient functions like Weekly Timer.	
Wired Remote Controller Kit for PKA(H) Advanced remote controller with a large-size dot liquid-crystal display, multi-language display and convenient functions like Weekly Timer for wall-mounted units.	
Wireless Remote Controller Signal Sender Handheld unit for sending operation signals to the indoor unit.	
Wireless Remote Controller Signal Receiver Receives operation signals from the wireless remote controller handheld unit.	
Wireless Remote Controller Kit (Sender & Receiver) Remote controller handheld unit (signal sender) and receiver (signal receiver) for ceiling-suspended units.	

Part Name	Description
Control Holder Holder for storing the remote controller.	
Remote Sensor Sensor to detect the room temperature at remote positions.	
Remote On/Off Adapter Connector for receiving signals from the local system to control the on/off function.	
Remote Operation Adapter Adapter to display the operation status and control on/off function from a distance.	
Connector Cable for Remote Display Connector used to display the operation status and control on/off function from a distance.	
Distribution Pipe Branch pipe for P Series simultaneous multi-system use, or to connect two branch boxes for MXZ-8A140VA systems.	
Joint Pipe Part for connecting refrigerant pipes of different diametres.	
Liquid Refrigerant Dryer Removes water and minute particles from refrigerant pipes.	
Branch Box Outer Cover Casement for branch boxes.	
Air Discharge Guide Changes the direction of air being exhausted from the outdoor unit.	
Air Protection Guide Protects the outdoor unit from the wind.	
Drain Socket A set of caps to cover unnecessary holes at the bottom of the outdoor unit, and a socket to guide drain water to the local drain pipe.	

Part Name	Description
Centralised Drain Pan Catches drain water generated by the outdoor unit.	
M-NET Converter Used to connect P Series A-control models to M-NET controllers.	
Control/Service Tool Monitoring tool to display operation and self-diagnosis data.	
Step Interface Interface for adjusting the capacity of inverter-equipped outdoor units. (For further details, refer to pg. 160.)	

Optional Parts List <Indoor>

		Option	Filter																			i-see Sensor Corner Panel	Shutter Plate	Multi-functional Casement	Fresh-air Intake Duct Flange		Space Panel	Quick-clean Kit
			Air-cleaning Filter		Platinum Catalyst deodourising Filter	Anti-allergy Enzyme Filter				Anti-allergen Eletric Enzyme Filter	Catechin Air filter		Oil Mist Filter Element	High-efficiency Filter Element				Filter Box										
		Indoor Unit	MAC-1300FT	MAC-1700FT	MAC-307FT-E	MAC-2300FT	MAC-415FT-E	MAC-408FT-E	MAC-171FT-E	MAC-417FT-E	MAC-3003CF	MAC-3004CF-E	PAC-SG38KF-E	PAC-SH59KF-E	PAC-SH88KF-E	PAC-SH89KF-E	PAC-SH90KF-E	PAC-KE92TB-E	PAC-KE93TB-E	PAC-KE94TB-E	PAC-KE95TB-E	PAC-SA1ME-E	PAC-SH51SP-E	PAC-SH53TM-E	PAC-SH65OF-E	PAC-SF28OF-E	PAC-SH48AS-E	MAC-093SS-E
M SERIES	Wall - mounted	MSZ-FD25VA			●					●																		●
		MSZ-FD25VAS			●					●																		●
		MSZ-FD35VA			●					●																		●
		MSZ-FD35VAS			●					●																		●
		MSZ-FD50VA			●					●																		●
		MSZ-FD50VAS			●					●																		●
		MSZ-GE22VA						●																				●
		MSZ-GE25VA						●																				●
		MSZ-GE35VA						●																				●
		MSZ-GE42VA						●																				●
		MSZ-GE50VA						●																				●
		MSZ-GA60VA				●																						
		MSZ-GA71VA				●																						
		MSZ-HC25VA									●																	
		MSZ-HC35VA									●																	
		MSZ-HC35VAB									●																	
		MSC-GE20VB	●																									
		MSC-GE25VB	●																									
		MSC-GE35VB	●																									
		MSH-GE50VB		●																								
		MSH-GA60VB		●																								
		MSH-GD80VB		●																								
		MS-GE50VB		●																								
		MS-GA60VB		●																								
		MS-GD80VB		●																								
	Floor - standing	MFZ-KA25VA					●																					
		MFZ-KA35VA					●																					
		MFZ-KA50VA					●																					
	1-way cassette	MLZ-KA25VA							●			●																
		MLZ-KA35VA							●			●																
		MLZ-KA50VA							●			●																
S SERIES	4-way cassette	SLZ-KA25VA																										
		SLZ-KA25VAL																										
		SLZ-KA35VA																										
		SLZ-KA35VAL																										
		SLZ-KA50VA																										
		SLZ-KA50VAL																										
	Ceiling - conceald	SEZ-KD25VA																										
		SEZ-KD25VAL																										
		SEZ-KD35VA																										
		SEZ-KD35VAL																										
		SEZ-KD50VA																										
		SEZ-KD50VAL																										
		SEZ-KD60VA																										
		SEZ-KD60VAL																										
		SEZ-KD71VA																										
		SEZ-KD71VAL																										
P SERIES	4-way Cassette	PLA-RP35BA												●								●	●	●	●		●	
		PLA-RP50BA												●								●	●	●	●		●	
		PLA-RP60BA												●								●	●	●	●		●	
		PLA-RP71BA2												●								●	●	●	●		●	
		PLA-RP71BA												●								●	●	●	●		●	
		PLA-RP100BA3												●								●	●	●	●		●	
		PLA-RP100BA												●								●	●	●	●		●	
		PLA-RP125BA2												●								●	●	●	●		●	
		PLA-RP125BA												●								●	●	●	●		●	
		PLA-RP140BA2												●								●	●	●	●		●	
	Ceiling - conceald	PEAD-RP35JA																●										
		PEAD-RP35JAL																●										
		PEAD-RP50JA																●										
		PEAD-RP50JAL																●										
		PEAD-RP60JA																	●									
		PEAD-RP60JAL																	●									
		PEAD-RP71JA																	●									
		PEAD-RP71JAL																	●									
		PEAD-RP100JA																		●								
		PEAD-RP100JAL																		●								
		PEAD-RP125JA																		●								
		PEAD-RP125JAL																		●								
		PEAD-RP140JA																			●							
		PEAD-RP140JAL																			●							
		PEA-RP200GA																										
		PEA-RP250GA																										
		PEA-RP400GA																										
		PEA-RP500GA																										
	Wall - mounted	PKA-RP35HAL																										
		PKA-RP50HAL																										
		PKA-RP60KAL																										
		PKA-RP71KAL																										
		PKA-RP100KAL																										
	Ceiling - suspended	PCA-RP50KA													●													
		PCA-RP60KA														●												
		PCA-RP71KA														●												
		PCA-RP100KA															●											
		PCA-RP125KA															●											
		PCA-RP140KA															●											
		PCA-RP71HA											●													●		
		PCA-RP125HA											●													●		
	Floor - standing	PSA-RP71GA																										
		PSA-RP100GA																										
		PSA-RP125GA																										
		PSA-RP140GA																										

		Option	Drain Pump						Decorative Cover		MA & Contact Terminal Interface	M-NET Interface	Centralised On/Off Remote Controller	Power Supply Terminal Kit				Wired Remote Contoller		Wireless Remote Controller					Remote Sensor	Remote On/Off Adapter	Remote Operation Adapter	Connector Cable for Remote Display
																		Controller	Controller Kit for PKA(H)	Signal Sender	Signal Receiver		Controller Kit (Sender & Receiver)	Controller Holder				
		Indoor Unit	PAC-SH94DM-E	PAC-SH75DM-E	PAC-SH83DM-E	PAC-SH84DM-E	PAC-SH85DM-E	PAC-KE07DM-E	PAC-SF81KC-E	PAC-SF82KC-E	MAC-397IF-E	MAC-399IF-E	MAC-821SC-E	PAC-SG94HR-E	PAC-SG96HR-E	PAC-SG97HR-E	PAC-SH52HR-E	PAR-21MAA-J	PAR-21MAAT-E	PAR-SL97A-E	PAR-SA9CA-E	PAR-SA9FA-E	PAR-SL94B-E	MAC-1200RC	PAC-SE41TS-E	PAC-SE55RA-E	PAC-SF40RM-E	PAC-SA88HA-E
M SERIES	Wall - mounted	MSZ-FD25VA									●	●	●*3					●*3										
		MSZ-FD25VAS									●	●	●*3					●*3										
		MSZ-FD35VA									●	●	●*3					●*3										
		MSZ-FD35VAS									●	●	●*3					●*3										
		MSZ-FD50VA									●	●	●*3					●*3										
		MSZ-FD50VAS									●	●	●*3					●*3										
		MSZ-GE22VA									●	●	●*3					●*3										
		MSZ-GE25VA									●	●	●*3					●*3										
		MSZ-GE35VA									●	●	●*3					●*3										
		MSZ-GE42VA									●	●	●*3					●*3										
		MSZ-GE50VA									●	●	●*3					●*3										
		MSZ-GA60VA									●	●	●*3					●*3										
		MSZ-GA71VA									●	●	●*3					●*3										
		MSZ-HC25VA																						●				
		MSZ-HC35VA																						●				
		MSZ-HC35VAB																						●				
		MSC-GE20VB																										
		MSC-GE25VB																										
		MSC-GE35VB																										
		MSH-GE50VB																										
		MSH-GA60VB																										
		MSH-GD80VB																										
		MS-GE50VB																										
		MS-GA60VB																										
		MS-GD80VB																										
	Floor - standing	MFZ-KA25VA									●	●	●*3					●*3										
		MFZ-KA35VA									●	●	●*3					●*3										
		MFZ-KA50VA									●	●	●*3					●*3										
	1-way cassette	MLZ-KA25VA									●	●	●*3					●*3										
		MLZ-KA35VA									●	●	●*3					●*3										
		MLZ-KA50VA									●	●	●*3					●*3										
S SERIES	4-way cassette	SLZ-KA25VA									●	●	●*3												●	●	●*4	●
		SLZ-KA25VAL									●	●	●*3												●	●	●*4	●
		SLZ-KA35VA									●	●	●*3												●	●	●*4	●
		SLZ-KA35VAL									●	●	●*3												●	●	●*4	●
		SLZ-KA50VA									●	●	●*3												●	●	●*4	●
		SLZ-KA50VAL									●	●	●*3												●	●	●*4	●
	Ceiling - conceald	SEZ-KD25VA						●			●	●	●*3							●	●				●	●	●	●
		SEZ-KD25VAL						●			●	●	●*3							●	●				●	●	●	●
		SEZ-KD35VA						●			●	●	●*3							●	●				●	●	●	●
		SEZ-KD35VAL						●			●	●	●*3							●	●				●	●	●	●
		SEZ-KD50VA						●			●	●	●*3							●	●				●	●	●	●
		SEZ-KD50VAL						●			●	●	●*3							●	●				●	●	●	●
		SEZ-KD60VA						●			●	●	●*3							●	●				●	●	●	●
		SEZ-KD60VAL						●			●	●	●*3							●	●				●	●	●	●
		SEZ-KD71VA						●			●	●	●*3							●	●				●	●	●	●
		SEZ-KD71VAL						●			●	●	●*3							●	●				●	●	●	●
P SERIES	4-way Cassette	PLA-RP35BA									●*1	●*1	●*2				●			●		●			●	●	●	●
		PLA-RP50BA									●*1	●*1	●*2				●			●		●			●	●	●	●
		PLA-RP60BA									●*1	●*1	●*2				●			●		●			●	●	●	●
		PLA-RP71BA2									●*1	●*1	●*2				●			●		●			●	●	●	●
		PLA-RP71BA									●*1	●*1	●*2				●			●		●			●	●	●	●
		PLA-RP100BA3									●*1	●*1	●*2				●			●		●			●	●	●	●
		PLA-RP100BA									●*1	●*1	●*2				●			●		●			●	●	●	●
		PLA-RP125BA2									●*1	●*1	●*2				●			●		●			●	●	●	●
		PLA-RP125BA									●*1	●*1	●*2				●			●		●			●	●	●	●
		PLA-RP140BA2									●*1	●*1	●*2				●			●		●			●	●	●	●
	Ceiling - conceald	PEAD-RP35JA									●*1	●*1	●*2			●									●	●	●	●
		PEAD-RP35JAL									●*1	●*1	●*2			●									●	●	●	●
		PEAD-RP50JA									●*1	●*1	●*2			●									●	●	●	●
		PEAD-RP50JAL									●*1	●*1	●*2			●									●	●	●	●
		PEAD-RP60JA									●*1	●*1	●*2			●									●	●	●	●
		PEAD-RP60JAL									●*1	●*1	●*2			●									●	●	●	●
		PEAD-RP71JA									●*1	●*1	●*2			●									●	●	●	●
		PEAD-RP71JAL									●*1	●*1	●*2			●									●	●	●	●
		PEAD-RP100JA									●*1	●*1	●*2			●									●	●	●	●
		PEAD-RP100JAL									●*1	●*1	●*2			●									●	●	●	●
		PEAD-RP125JA									●*1	●*1	●*2			●									●	●	●	●
		PEAD-RP125JAL									●*1	●*1	●*2			●									●	●	●	●
		PEAD-RP140JA									●*1	●*1	●*2			●									●	●	●	●
		PEAD-RP140JAL									●*1	●*1	●*2			●									●	●	●	●
		PEA-RP200GA									●*1	●*1	●*2							●	●				●	●	●	●
		PEA-RP250GA									●*1	●*1	●*2							●	●				●	●	●	●
		PEA-RP400GA										●*5	●*2												●			
		PEA-RP500GA										●*5	●*2												●			
	Wall - mounted	PKA-RP35HAL		●							●*1	●*1	●*2	●					●						●	●		●
		PKA-RP50HAL		●							●*1	●*1	●*2	●					●						●	●		●
		PKA-RP60KAL	●								●*1	●*1	●*2	●					●						●	●		●
		PKA-RP71KAL	●								●*1	●*1	●*2	●					●						●	●		●
		PKA-RP100KAL	●								●*1	●*1	●*2	●					●						●	●		●
	Ceiling - suspended	PCA-RP50KA			●						●*1	●*1	●*2		●								●		●	●	●	●
		PCA-RP60KA					●				●*1	●*1	●*2		●								●		●	●	●	●
		PCA-RP71KA				●					●*1	●*1	●*2		●								●		●	●	●	●
		PCA-RP100KA				●					●*1	●*1	●*2		●								●		●	●	●	●
		PCA-RP125KA				●					●*1	●*1	●*2		●								●		●	●	●	●
		PCA-RP140KA				●					●*1	●*1	●*2		●								●		●	●	●	●
		PCA-RP71HA							●		●*1	●*1	●*2			●									●	●	●	●
		PCA-RP125HA								●	●*1	●*1	●*2			●									●	●	●	●
	Floor - standing	PSA-RP71GA									●*1	●*1	●*2		●										●	●	●	●
		PSA-RP100GA									●*1	●*1	●*2		●										●	●	●	●
		PSA-RP125GA									●*1	●*1	●*2		●										●	●	●	●
		PSA-RP140GA									●*1	●*1	●*2		●										●	●	●	●

*1 P Series indoor units can be used in combination with SUZ or MXZ outdoor units. *2 P Series indoor units can be used in combination with SUZ or MXZ outdoor units (MAC-3971F-E required).

*3 MAC-3971F-E is required. *4 Wireless remote controller cannot be used. *5 Two interface components required for each indoor unit.

Optional Parts List <Outdoor>

Outdoor Unit		Option	Distribution Pipe						Joint Pipe									Liquid Refrigermt Dryer		
			For Twin (50:50)		For Triple (33:33:33)	For Quadruple (25:25:25:25)	Flare Connection	Brazed	Unit ø6.35 --> Pipe ø9.52	Unit ø9.52 --> Pipe ø12.7	Unit ø12.7 --> Pipe ø15.88	Unit ø15.88 --> Pipe ø19.05	Unit ø9.52 --> Pipe ø15.88	Unit ø6.35 --> Pipe ø9.52	Unit ø9.52 --> Pipe ø12.7	Unit ø12.7 --> Pipe ø9.52	Unit ø12.7 --> Pipe ø15.88	For pipe ø6.35	For pipe ø9.52	For pipe ø12.7
			MSDD-50SR-E	MSDD-50WR-E	MSDT-111R-E	MSDF-1111R-E	MSDD-50AR-E	MSDD-50BR-E	PAC-SG72RJ-E	PAC-SG73RJ-E	PAC-SG74RJ-E	PAC-SG75RJ-E	PAC-SG76RJ-E	PAC-493PI	MAC-A454JP-E	MAC-A455JP-E	MAC-A456JP-E	PAC-SG81DR-E	PAC-SG82DR-E	PAC-SG85DR-E
M SERIES	F Series	MUZ-FD25VA																		
		MUZ-FD25VABH																		
		MUZ-FD35VA																		
		MUZ-FD35VABH																		
		MUZ-FD50VA																		
		MUZ-FD50VABH																		
	G Series	MUZ-GE25VA																		
		MUZ-GE25VAH																		
		MUZ-GE35VA																		
		MUZ-GE35VAH																		
		MUZ-GE42VA																		
		MUZ-GE42VAH																		
		MUZ-GE50VA																		
		MUZ-GE50VAH																		
	H Series	MUZ-HC25VA																		
		MUZ-HC35VA																		
		MUZ-HC35VAB																		
	Fixed - Speed (Heating & Cooling)	MUH-GA20VB																		
		MUH-GA25VB																		
		MUH-GA35VB																		
		MUH-GE50VB																		
		MUH-GA60VB																		
		MUH-GD80VB																		
	Fixed - Speed (Cooling Only)	MU-GA20VB																		
		MU-GA25VB																		
		MU-GA35VB																		
		MU-GE50VB																		
		MU-GA60VB																		
		MU-GD80VB																		
S SERIES		SUZ-KA25VA																		●
		SUZ-KA25VAH																		●
		SUZ-KA35VA								●										●
		SUZ-KA35VAH								●										●
		SUZ-KA50VA								●										●
		SUZ-KA60VA								●										●
		SUZ-KA71VA								●										●
POWERFUL HEATING		PUHZ-HRP71VHA2	●																●	
		PUHZ-HRP100VHA2	●																●	
		PUHZ-HRP100YHA2	●																●	
		PUHZ-HRP125YHA2	●																●	
P SERIES	Power Inverter	PUHZ-RP35VHA4							●									●		
		PUHZ-RP50VHA4							●									●		
		PUHZ-RP60VHA4								●		●							●	
		PUHZ-RP71VHA4	●							●		●							●	
		PUHZ-RP100VKA	●							●		●							●	
		PUHZ-RP100YKA	●							●		●							●	
		PUHZ-RP125VKA	●							●		●							●	
		PUHZ-RP125YKA	●							●		●							●	
		PUHZ-RP140VKA	●		●					●		●							●	
		PUHZ-RP140YKA	●		●					●		●							●	
		PUHZ-RP200YKA		●	●	●				●									●	
		PUHZ-RP250YKA		●	●	●					●									●
	Standard Inverter	PUHZ-P100VHA3	●																●	
		PUHZ-P125VHA3	●																●	
		PUHZ-P140VHA3	●		●														●	
		PUHZ-P200YHA3		●	●	●													●	
		PUHZ-P250YHA3		●	●	●														●
	Fixed - Speed (Heating& Cooling)	PUH-P71VHA	●																●	
		PUH-P71YHA	●																●	
		PUH-P100VHA	●																●	
		PUH-P100YHA	●																●	
		PUH-P125YHA	●																●	
		PUH-P140YHA	●		●														●	
	Fixed - Speed (Cooling Only)	PU-P71VHA	●																●	
		PU-P71YHA	●																●	
		PU-P100VHA	●																●	
		PU-P100YHA	●																●	
		PU-P125YHA	●																●	
		PU-P140YHA	●		●														●	
MXZ SERIES		MXZ-2A30VA																		
		MXZ-2A40VA																		
		MXZ-2A52VA																		
		MXZ-3A54VA												●						
		MXZ-4A71VA											●		●	●	●			
		MXZ-4A80VA											●	●	●	●	●			
		MXZ-5A100VA											●	●	●	●	●			
		MXZ-8A140VA					●	●					●	●	●		●		●	

Outdoor Unit		Option	Branch Box Outer Cover	Air Discharge Guide					Air Protection Guide			Drain Socket		Centralized Drain Pan			M-NET Converter	Control /Service Tool	Step Interface		
																			10 PC boards w / o attachment kit	1 PC board w / attachment kit	1 PC board w / attachment kit
			PAC-AK350CVR-E	MAC-889SG	MAC-856SG	PAC-SG58SG-E	PAC-SG59SG-E	PAC-SH96SG-E	PAC-SG56AG-E	PAC-SH63AG-E	PAC-SH95AG-E	PAC-SF37DS-E	PAC-SG61DS-E	PAC-SG63DP-E	PAC-SG64DP-E	PAC-SH97DP-E	PAC-SF81MA-E	PAC-SK52ST	PAC-IF010-E	PAC-IF011B-E	PAC-IF012B-E
M SERIES	F Series	MUZ-FD25VA		●																	
		MUZ-FD25VABH		●																	
		MUZ-FD35VA		●																	
		MUZ-FD35VABH		●																	
		MUZ-FD50VA		●																	
		MUZ-FD50VABH		●																	
	G Series	MUZ-GE25VA		●																	
		MUZ-GE25VAH		●																	
		MUZ-GE35VA		●																	
		MUZ-GE35VAH		●																	
		MUZ-GE42VA		●																	
		MUZ-GE42VAH		●																	
		MUZ-GE50VA		●																	
		MUZ-GE50VAH		●																	
	H Series	MUZ-HC25VA		●																	
		MUZ-HC35VA		●																	
		MUZ-HC35VAB		●																	
	Fixed - Speed (Heating & Cooling)	MUH-GA20VB		●																	
		MUH-GA25VB		●																	
		MUH-GA35VB		●																	
		MUH-GE50VB		●																	
		MUH-GA60VB		●																	
		MUH-GD80VB		●																	
	Fixed - Speed (Cooling Only)	MU-GA20VB		●																	
		MU-GA25VB		●																	
		MU-GA35VB		●																	
		MU-GE50VB		●																	
		MU-GA60VB		●																	
		MU-GD80VB		●																	
S SERIES		SUZ-KA25VA																			
		SUZ-KA25VAH																			
		SUZ-KA35VA																			
		SUZ-KA35VAH																			
		SUZ-KA50VA																			
		SUZ-KA60VA																			
		SUZ-KA71VA																			
POWERFUL HEATING		PUHZ-HRP71VHA2					●			●			●		●		●	●	●	●	●
		PUHZ-HRP100VHA2					●			●			●		●		●	●	●	●	●
		PUHZ-HRP100YHA2					●			●			●		●		●	●	●	●	●
		PUHZ-HRP125YHA2					●			●			●		●		●	●	●	●	●
P SERIES	Power Inverter	PUHZ-RP35VHA4				●			●				●	●			●	●	●	●	●
		PUHZ-RP50VHA4				●			●				●	●			●	●	●	●	●
		PUHZ-RP60VHA4					●			●			●		●		●	●	●	●	●
		PUHZ-RP71VHA4					●			●			●		●		●	●	●	●	●
		PUHZ-RP100VKA						●			●		●			●	●	●	●	●	●
		PUHZ-RP100YKA						●			●		●			●	●	●	●	●	●
		PUHZ-RP125VKA						●			●		●			●	●	●	●	●	●
		PUHZ-RP125YKA						●			●		●			●	●	●	●	●	●
		PUHZ-RP140VKA						●			●		●			●	●	●	●	●	●
		PUHZ-RP140YKA						●			●		●			●	●	●	●	●	●
		PUHZ-RP200YKA						●			●		●			●	●	●	●	●	●
		PUHZ-RP250YKA						●			●		●			●	●	●	●	●	●
	Standard Inverter	PUHZ-P100VHA3					●			●			●		●		●	●			●
		PUHZ-P125VHA3					●			●			●		●		●	●			●
		PUHZ-P140VHA3					●			●			●		●		●	●			●
		PUHZ-P200YHA3					●			●			●		●		●	●			●
		PUHZ-P250YHA3					●			●			●		●		●	●			●
	Fixed - Speed (Heating& Cooling)	PUH-P71VHA					●			●		●					●	●			●
		PUH-P71YHA					●			●		●					●	●			●
		PUH-P100VHA					●			●		●					●	●			●
		PUH-P100YHA					●			●		●					●	●			●
		PUH-P125YHA					●			●		●					●	●			●
		PUH-P140YHA					●			●		●					●	●			●
	Fixed - Speed (Cooling Only)	PU-P71VHA					●			●		●					●	●			
		PU-P71YHA					●			●		●					●	●			
		PU-P100VHA					●			●		●					●	●			
		PU-P100YHA					●			●		●					●	●			
		PU-P125YHA					●			●		●					●	●			
		PU-P140YHA					●			●		●					●	●			
MXZ SERIES		MXZ-2A30VA		●																	
		MXZ-2A40VA		●																	
		MXZ-2A52VA		●																	
		MXZ-3A54VA			●																
		MXZ-4A71VA			●																
		MXZ-4A80VA			●																
		MXZ-5A100VA			●																
		MXZ-8A140VA	●				●						●		●						

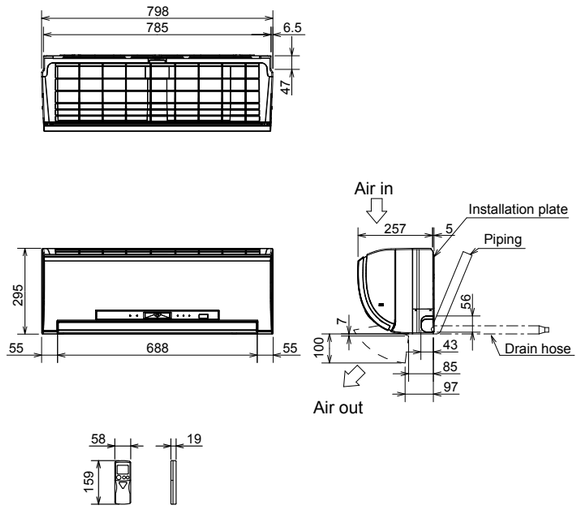
External Dimensions

M SERIES

Unit : mm

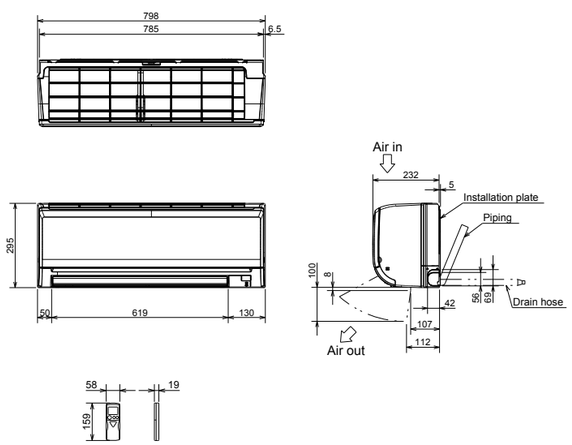
MSZ-FD25VA MSZ-FD25VAS MSZ-FD35VA MSZ-FD35VAS MSZ-FD50VA MSZ-FD50VAS

INDOOR UNIT



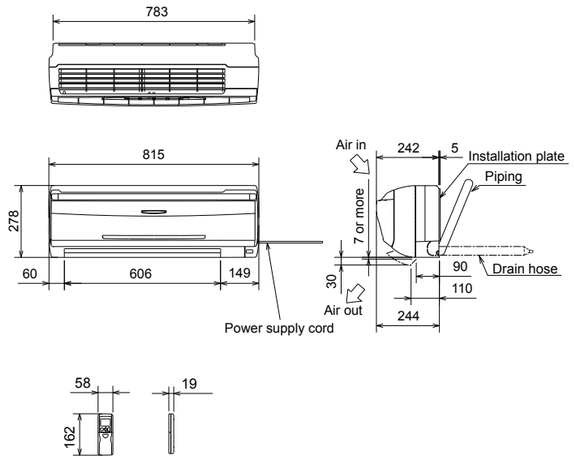
MSZ-GE22VA MSZ-GE25VA MSZ-GE35VA MSZ-GE42VA MSZ-GE50VA

INDOOR UNIT



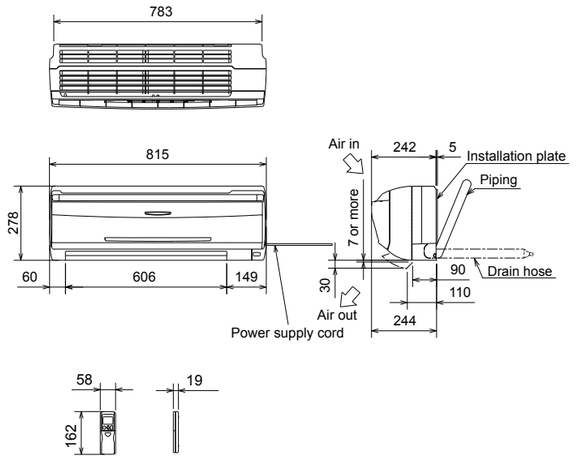
MSC-GE20VB MSC-GE25VB

INDOOR UNIT



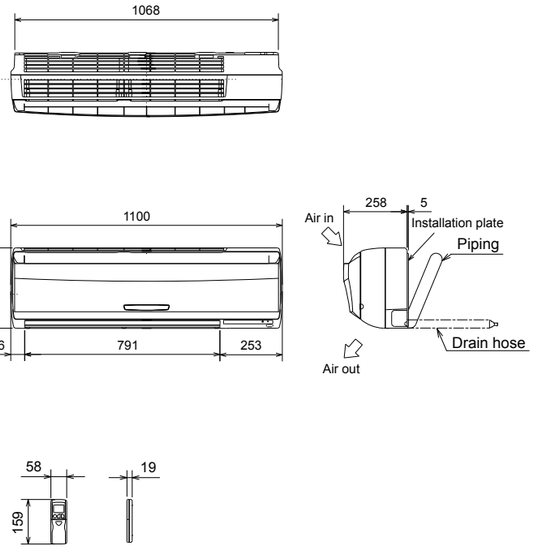
MSC-GE35VB

INDOOR UNIT



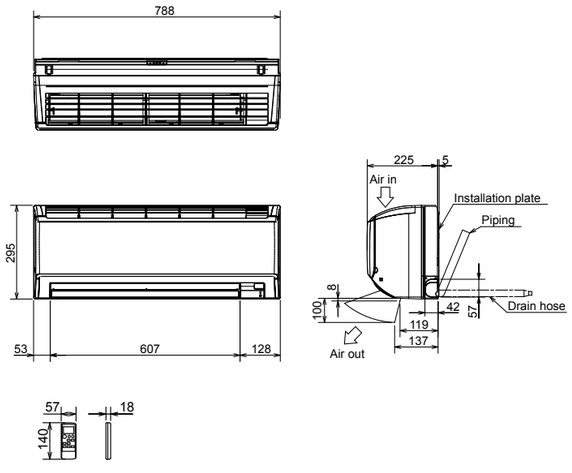
MSZ-GA60VA MSZ-GA71VA

INDOOR UNIT



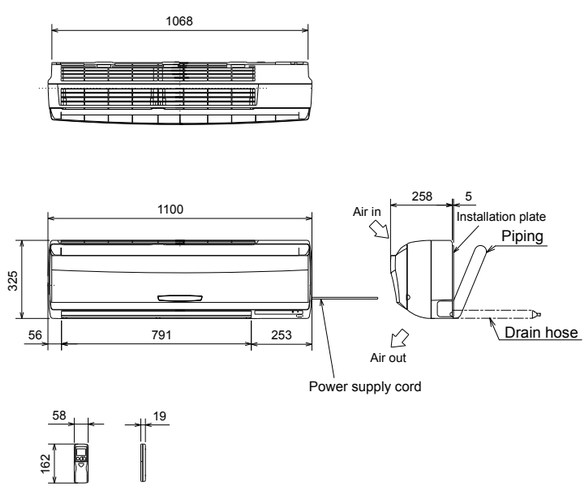
MSZ-HC25VA MSZ-HC35VA MSZ-HC35VAB

INDOOR UNIT



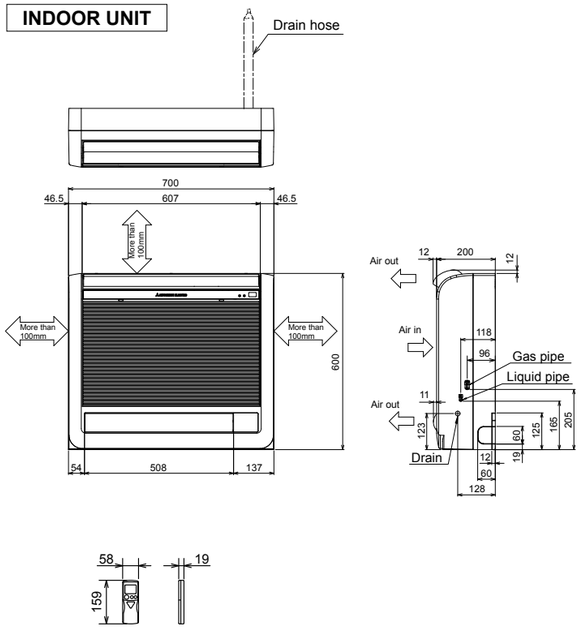
MSH-GE50VB MSH-GA60VB MSH-GD80VB MS-GE50VB MS-GA60VB MS-GD80VB

INDOOR UNIT



MFZ-KA25VA MFZ-KA35VA MFZ-KA50VA

INDOOR UNIT

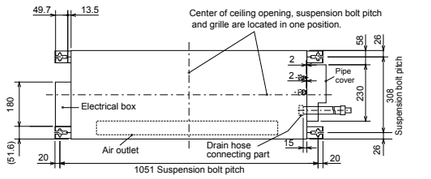


Unit : mm

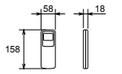
MLZ-KA25VA MLZ-KA35VA MLZ-KA50VA

INDOOR UNIT

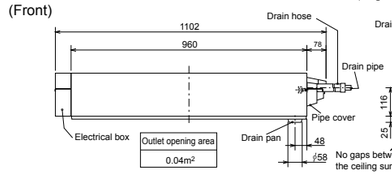
(Top)



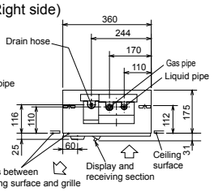
Wireless remote controller



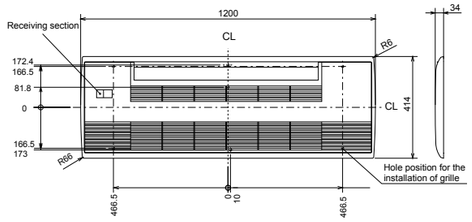
(Front)



(Right side)

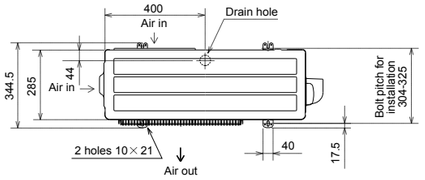


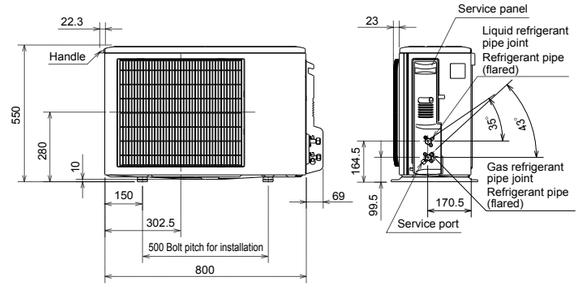
Grille (MLP-440W)



MUZ-FD25VA MUZ-FD35VA MUZ-FD25VABH MUZ-FD35VABH MUZ-GE25VA MUZ-GE25VAH MUZ-GE35VA MUZ-GE35VAH MUZ-GE42VA MUZ-GE42VAH

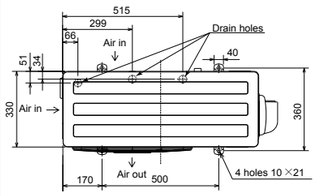
OUTDOOR UNIT

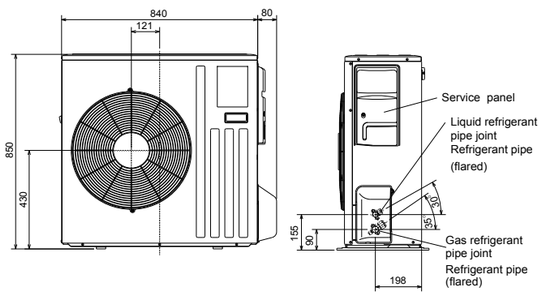




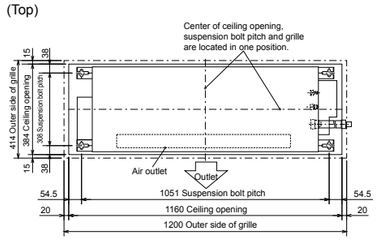
MUZ-FD50VA MUZ-FD50VABH MUZ-GE50VA MUZ-GE50VAH MUZ-GA60VA MUZ-GA71VA

OUTDOOR UNIT

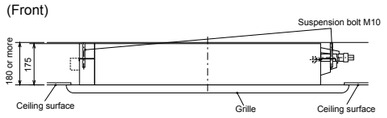




(Top)



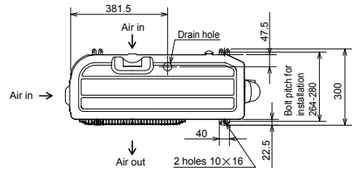
(Front)

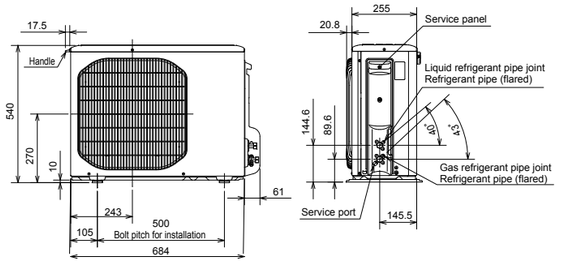


Unit : mm

MUZ-HC25VA MUZ-HC35VA MUZ-HC35VAB

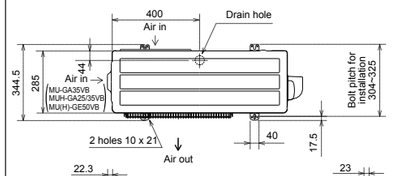
OUTDOOR UNIT

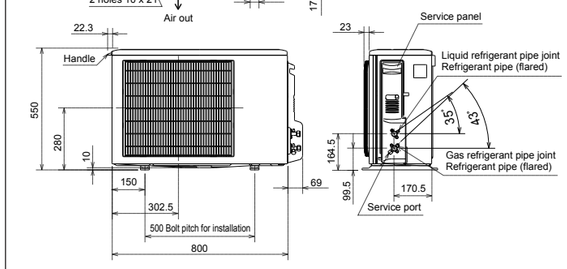




MUH-GA20VB MUH-GA25VB MUH-GA35VB MUH-GE50VB MU-GA20VB MU-GA25VB MU-GA35VB MU-GE50VB

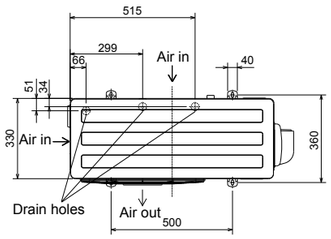
OUTDOOR UNIT

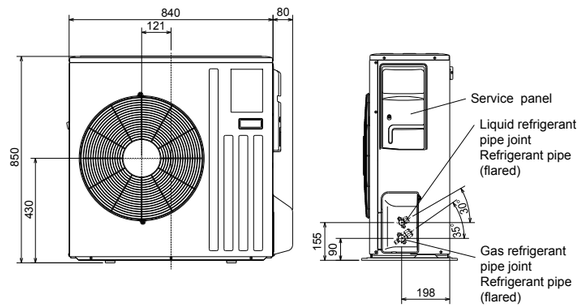




MUH-GA60VB MUH-GD80VB MU-GD80VB

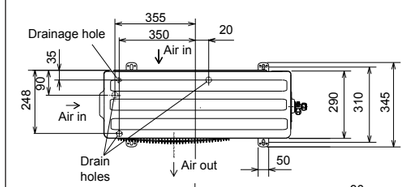
OUTDOOR UNIT

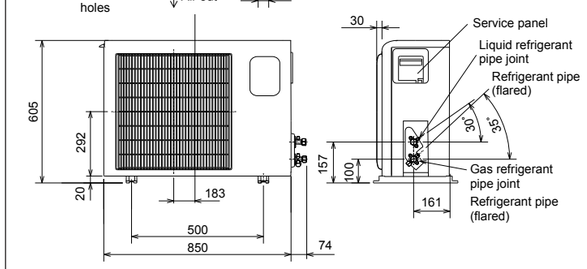




MU-GA60VB

OUTDOOR UNIT

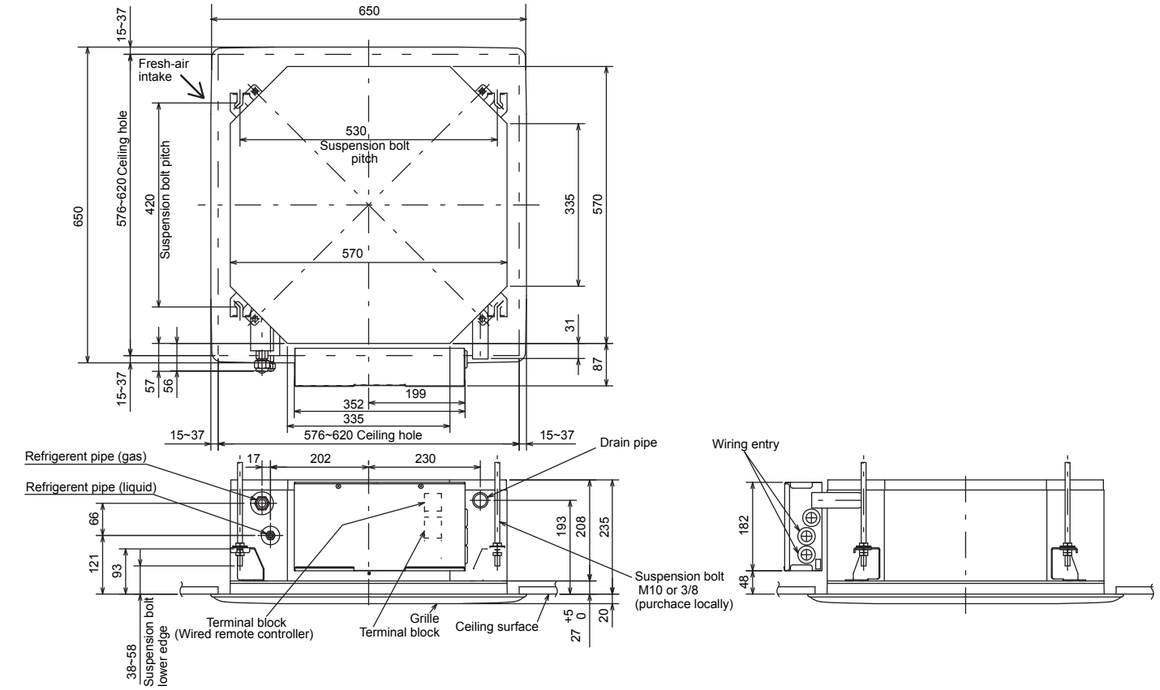




Unit : mm

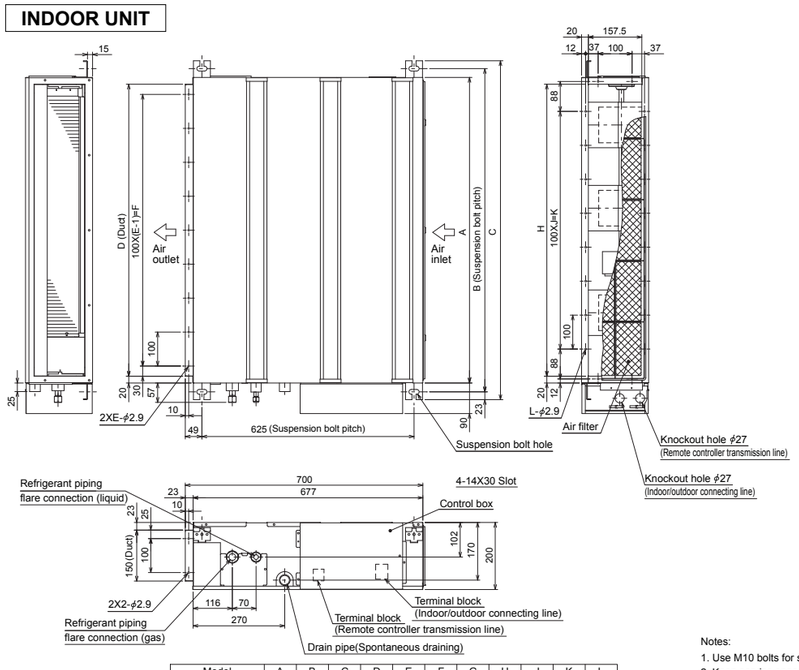
SLZ-KA25VA SLZ-KA35VA SLZ-KA50VA
SLZ-KA25VAL SLZ-KA35VAL SLZ-KA50VAL

INDOOR UNIT



SEZ-KD25VA SEZ-KD35VA SEZ-KD50VA SEZ-KD60VA SEZ-KD71VA
SEZ-KD25VAL SEZ-KD35VAL SEZ-KD50VAL SEZ-KD60VAL SEZ-KD71VAL

INDOOR UNIT



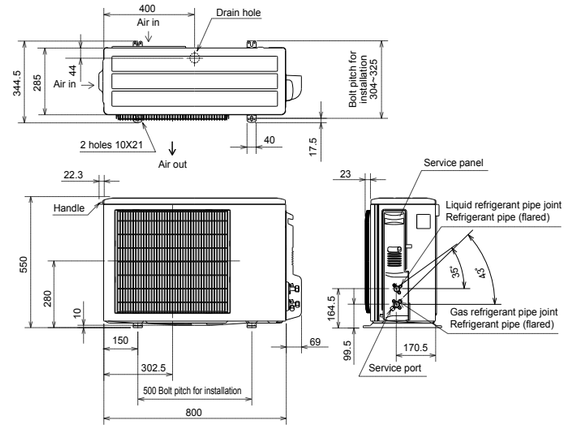
Model	A	B	C	D	E	F	G	H	J	K	L
SEZ-KD25VA(L)	700	752	798	660	7	600	800	660	5	500	16
SEZ-KD35VA(L)	900	952	998	860	9	800	1000	860	7	700	20
SEZ-KD50VA(L)											
SEZ-KD60VA(L)	1100	1152	1198	1060	11	1000	1200	1060	9	900	24
SEZ-KD71VA(L)											

Notes:
1. Use M10 bolts for suspension (purchase locally).
2. Keep service space for maintenance at the bottom.
3. This chart is based on the SEZ-KD50VA(L), which has three fans. SEZ-KD35VA(L) has two fans, and SEZ-KD71VA(L) has four fans.
4. If an inlet duct is used, remove the air filter supplied with the unit, and install a locally purchased filter on the suction side.

Unit : mm

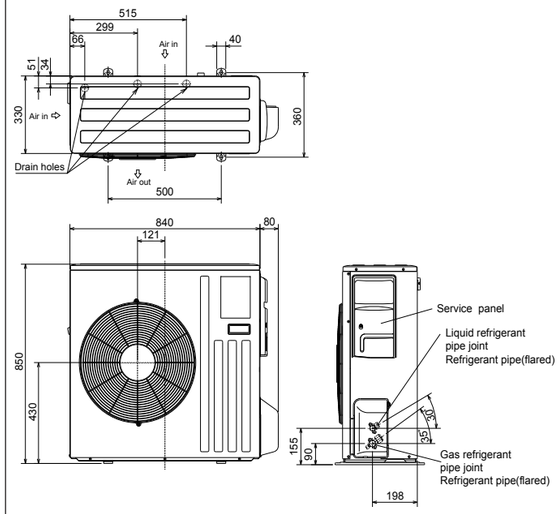
SUZ-KA25VA SUZ-KA35VA SUZ-KA25VAH SUZ-KA35VAH

OUTDOOR UNIT



SUZ-KA50VA SUZ-KA60VA SUZ-KA71VA

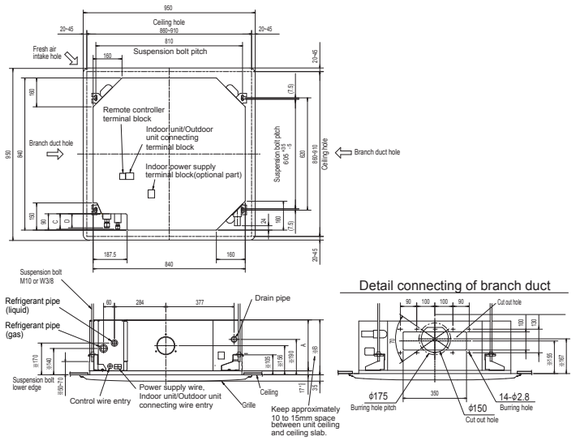
OUTDOOR UNIT



Unit : mm

PLA-RP35BA PLA-RP50BA PLA-RP60BA PLA-RP71BA PLA-RP71BA2 PLA-RP100BA PLA-RP100BA3 PLA-RP125BA PLA-RP125BA2 PLA-RP140BA2

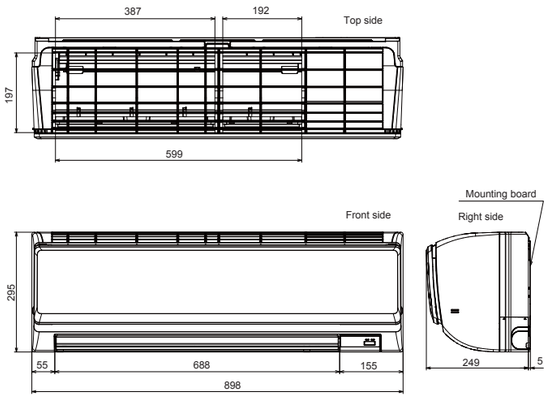
INDOOR UNIT



Models	A	B	C	D	E
PLA-RP35/50BA	241	258	80	74	400
PLA-RP60BA			87		
PLA-RP71BA PLA-RP71BA2			85	77	440
PLA-RP100,125BA PLA-RP125BA2 PLA-RP100BA3 PLA-RP140BA2	281	298			

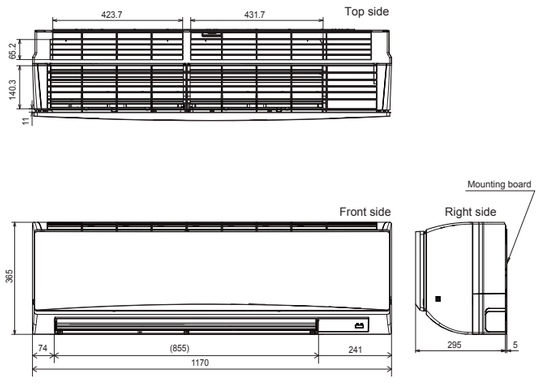
PKA-RP35HAL PKA-RP50HAL

INDOOR UNIT



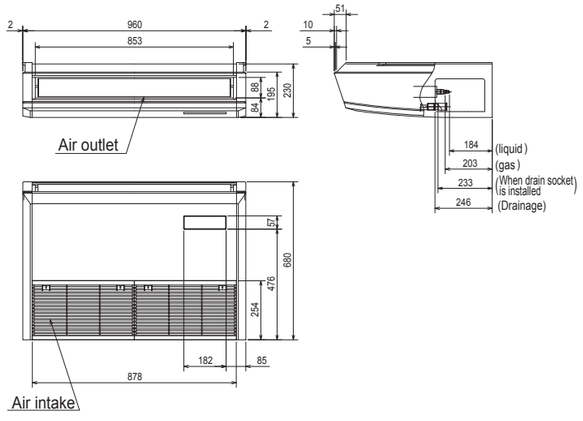
PKA-RP60KAL PKA-RP71KAL PKA-RP100KAL

INDOOR UNIT



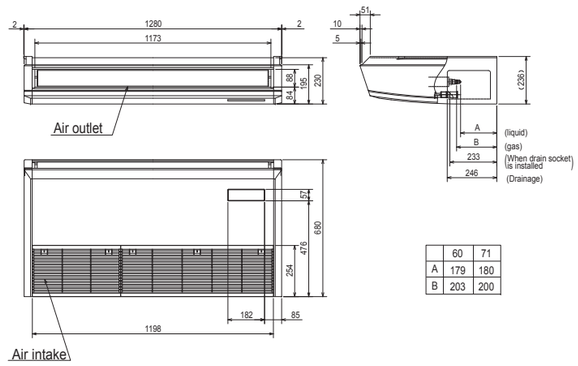
PCA-RP50KA

INDOOR UNIT



PCA-RP60KA PCA-RP71KA

INDOOR UNIT

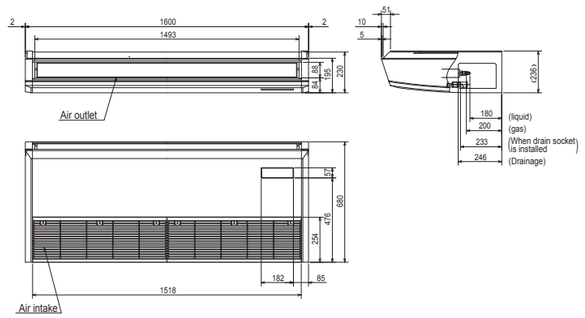


	60	71
A	179	180
B	203	200

Unit : mm

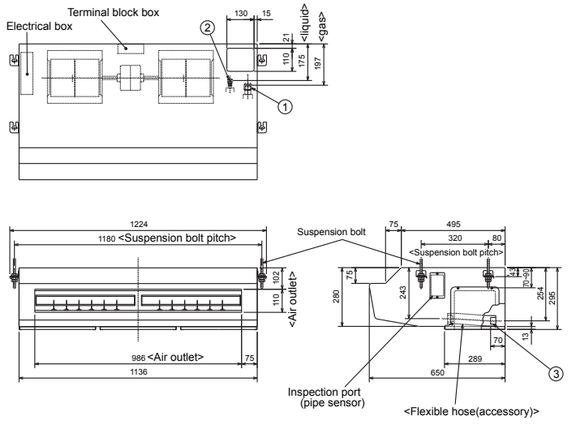
PCA-RP100KA PCA-RP125KA PCA-RP140KA

INDOOR UNIT



PCA-RP71HA

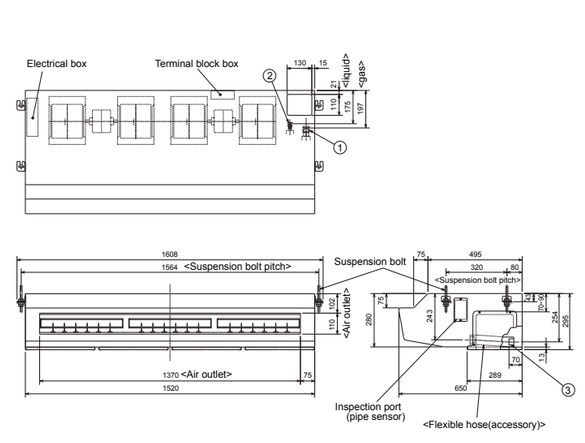
INDOOR UNIT



①Refrigerant pipe connection(gas pipe side/flared connection)
②Refrigerant pipe connection(liquid pipe side/flared connection)
③Flexible hose(accessory) →Drainage pipe connection

PCA-RP125HA

INDOOR UNIT

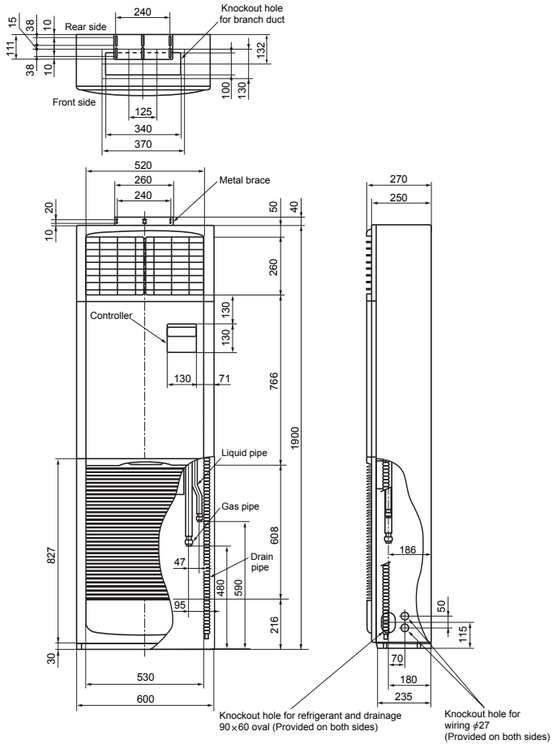


① Refrigerant pipe connection(gas pipe side/flared connection)
② Refrigerant pipe connection(liquid pipe side/flared connection)
③ Flexible hose(accessory)→ Drainage pipe connection

Unit : mm

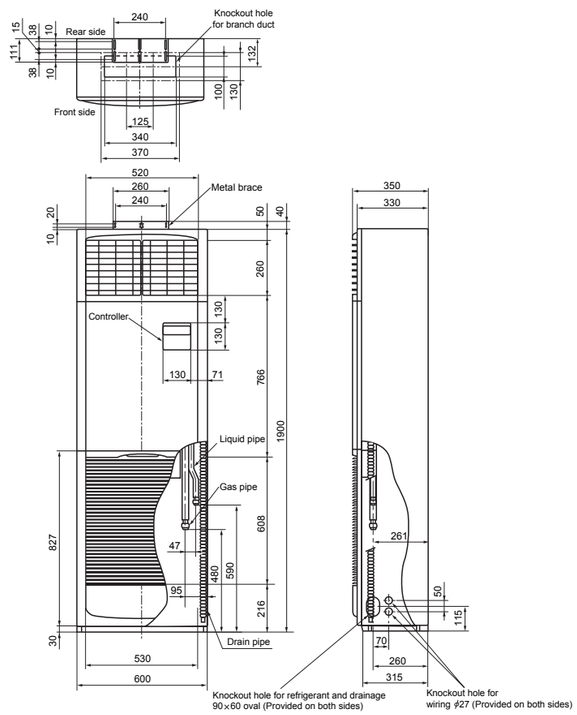
PSA-RP71GA

INDOOR UNIT



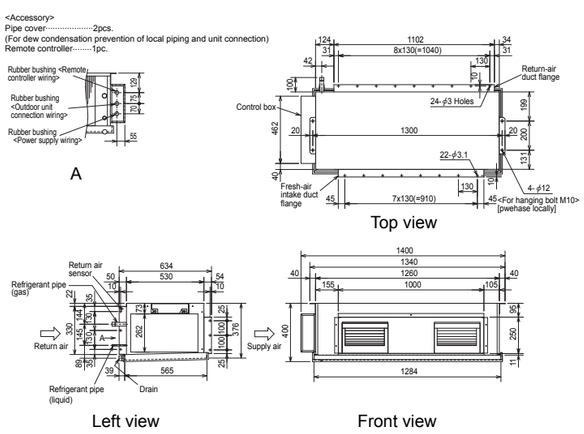
PSA-RP100GA PSA-RP125GA PSA-RP140GA

INDOOR UNIT



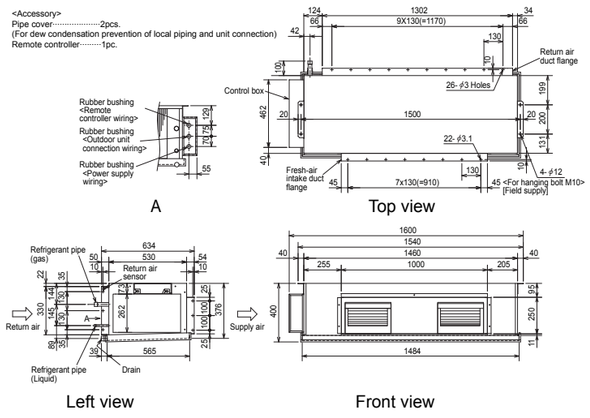
PEA-RP200GA

INDOOR UNIT



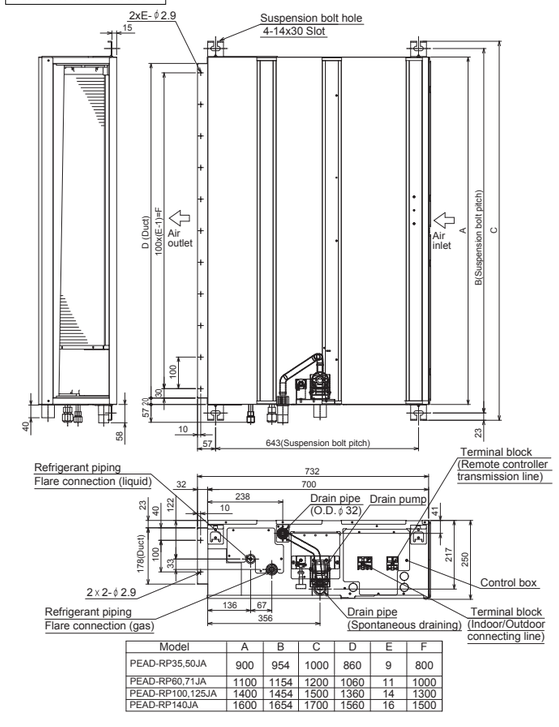
PEA-RP250GA

INDOOR UNIT



PEAD-RP35JA PEAD-RP50JA PEAD-RP60JA PEAD-RP71JA PEAD-RP100JA PEAD-RP125JA PEAD-RP140JA

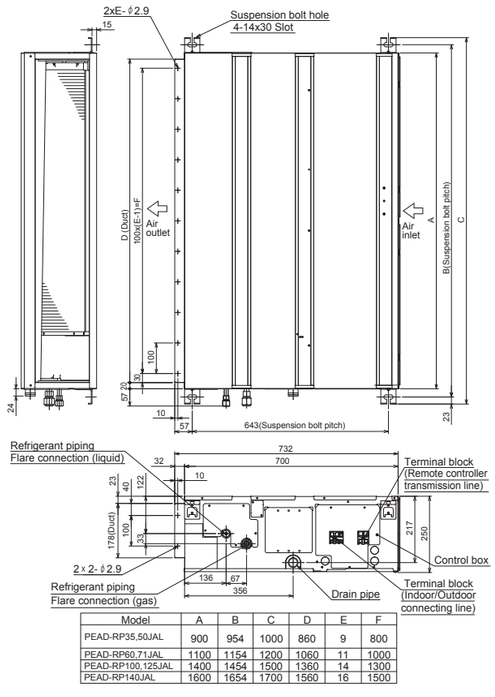
INDOOR UNIT



Model	A	B	C	D	E	F
PEAD-RP35,50JA	900	954	1000	860	9	800
PEAD-RP60,71JA	1100	1154	1200	1060	11	1000
PEAD-RP100,125JA	1400	1454	1500	1360	14	1300
PEAD-RP140JA	1600	1654	1700	1560	16	1500

PEAD-RP35JAL PEAD-RP50JAL PEAD-RP60JAL PEAD-RP71JAL PEAD-RP100JAL PEAD-RP125JAL PEAD-RP140JAL

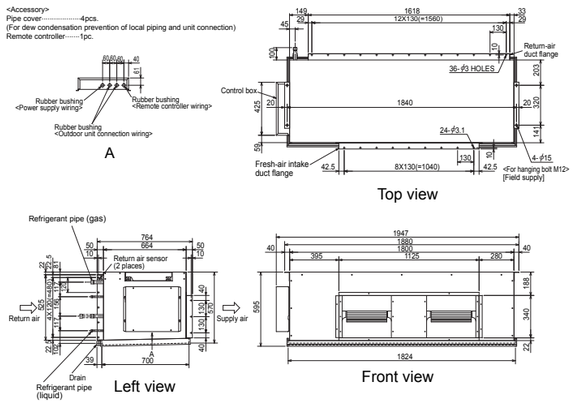
INDOOR UNIT



Model	A	B	C	D	E	F
PEAD-RP35,50JAL	900	954	1000	860	9	800
PEAD-RP60,71JAL	1100	1154	1200	1060	11	1000
PEAD-RP100,125JAL	1400	1454	1500	1360	14	1300
PEAD-RP140JAL	1600	1654	1700	1560	16	1500

PEA-RP400GA PEA-RP500GA

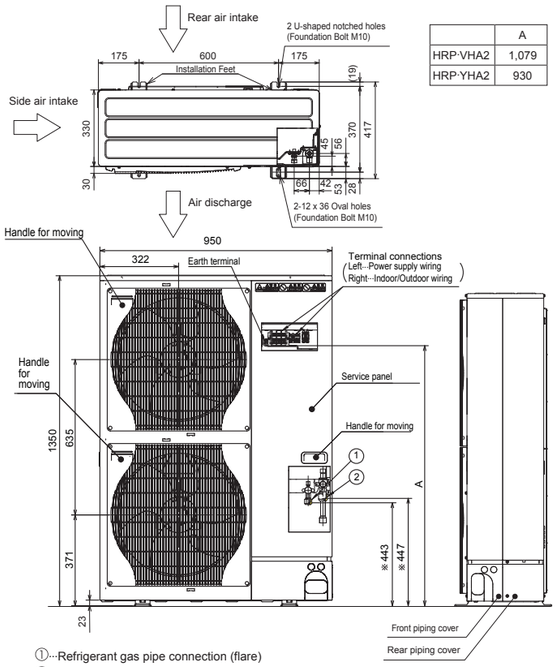
INDOOR UNIT



Unit : mm

PUHZ-HRP71VHA2　PUHZ-HRP100VHA2
PUHZ-HRP100YHA2　PUHZ-HRP125YHA2

OUTDOOR UNIT

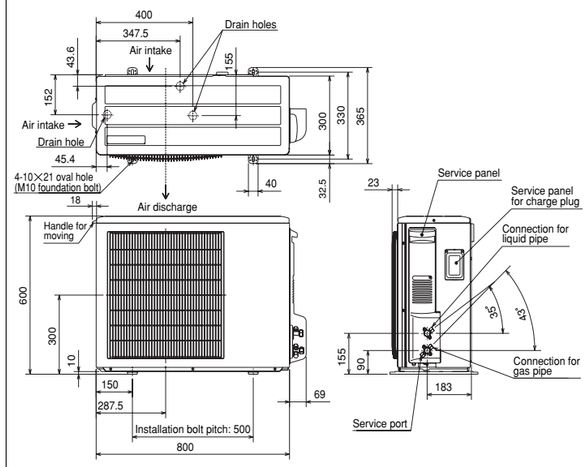


	A
HRP-VHA2	1,079
HRP-YHA2	930

①···Refrigerant gas pipe connection (flare)
②···Refrigerant liquid pipe connection (flare)
※···Indicates stop valve connection location.

PUHZ-RP35VHA4　PUHZ-RP50VHA4

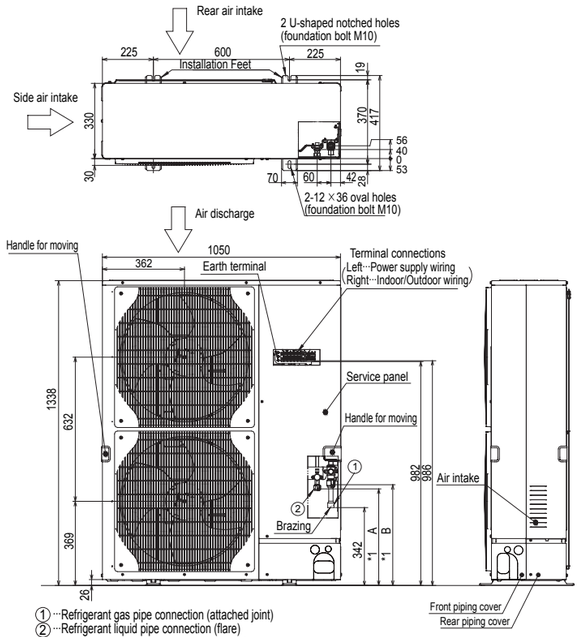
OUTDOOR UNIT



Unit : mm

PUHZ-RP200YKA　PUHZ-RP250YKA

OUTDOOR UNIT

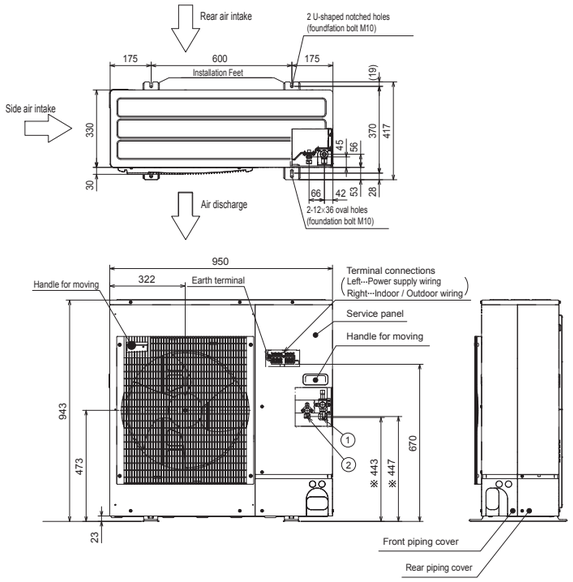


①···Refrigerant gas pipe connection (attached joint)
②···Refrigerant liquid pipe connection (flare)
*1···Indicates of stop valve connection location.

Model	A	B
PUHZ-RP200YKA	450	-
PUHZ-RP250YKA	424	442

PUHZ-P100VHA3

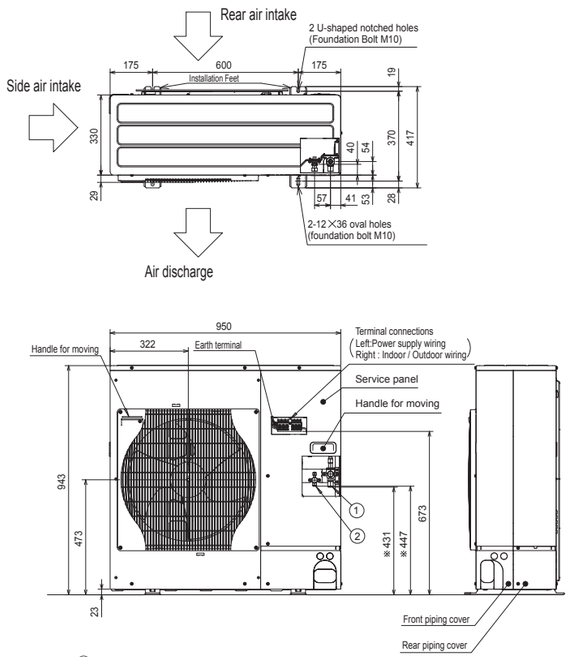
OUTDOOR UNIT



①···Refrigerant gas pipe connection (flare)
②···Refrigerant liquid pipe connection (flare)
※ ···Indicates of stop valve connection location.

PUHZ-RP60VHA4　PUHZ-RP71VHA4

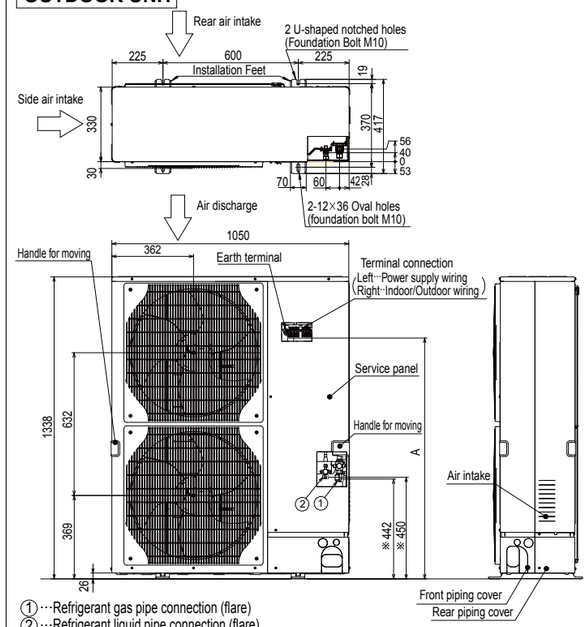
OUTDOOR UNIT



①···Refrigerant gas pipe connection (flare)
②···Refrigerant liquid pipe connection (flare)
※···Indicates stop valve connection location.

PUHZ-RP100VKA　PUHZ-RP125VKA　PUHZ-RP140VKA
PUHZ-RP100YKA　PUHZ-RP125YKA　PUHZ-RP140YKA

OUTDOOR UNIT

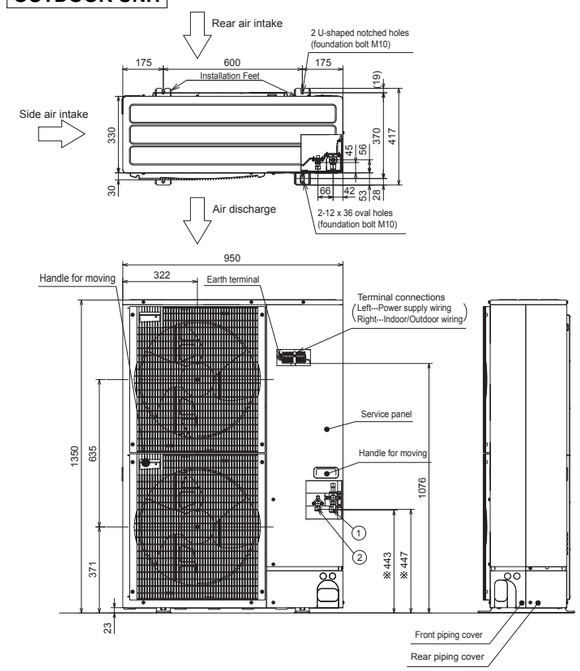


①···Refrigerant gas pipe connection (flare)
②···Refrigerant liquid pipe connection (flare)
※ ···Indicates stop valve connection location.

Model	A
PUHZ-RP100~140VKA	1067
PUHZ-RP100~140YKA	919

PUHZ-P125VH3　PUHZ-P140VH3

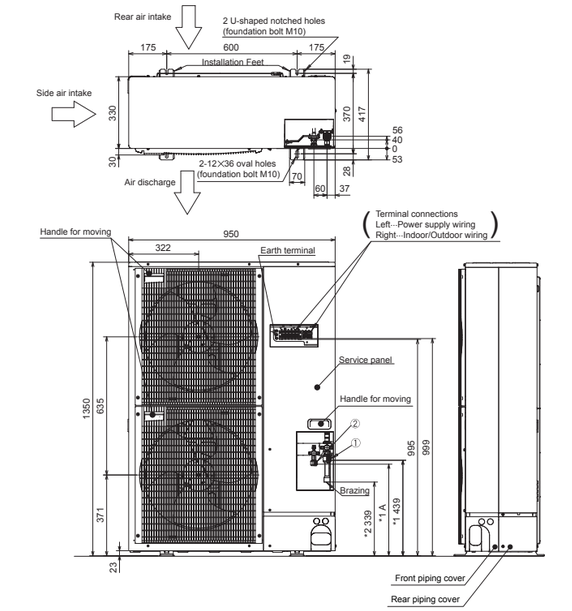
OUTDOOR UNIT



①···Refrigerant gas pipe connection (flare)
②···Refrigerant liquid pipe connection (flare)
※ ···Indicates of stop valve connection location.

PUHZ-P200YHA3　PUHZ-P250YHA3

OUTDOOR UNIT



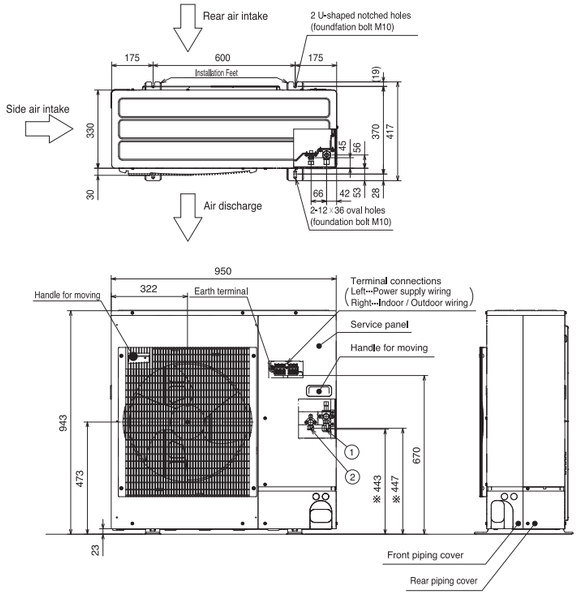
①···Refrigerant gas pipe connection (flare)
②···Refrigerant liquid pipe connection (flare)
*1···Indicates of stop valve connection location
*2···Refrigerant gas pipe connention(brazed)

	A
PUHZ-P200YHA3	447
PUHZ-P250YHA3	421

Unit : mm

PUH-P71VHA PUH-P71YHA PUH-P100VHA PUH-P100YHA PU-P71VHA PU-P71YHA PU-P100VHA PU-P100YHA

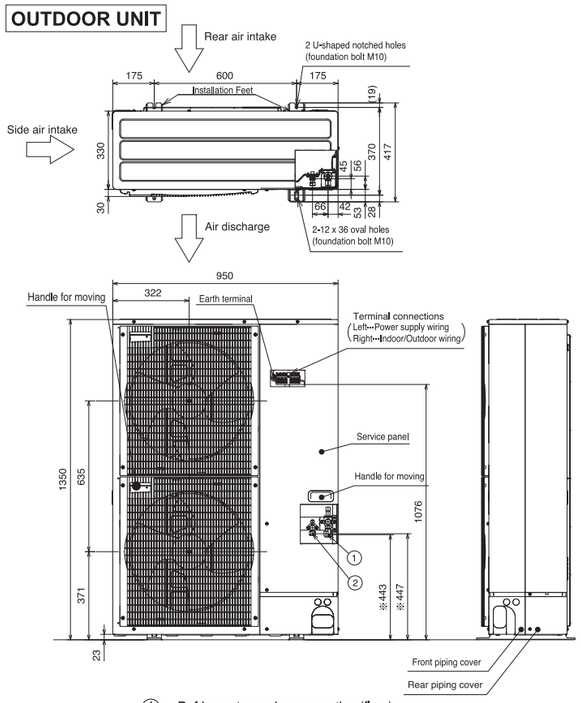
INDOOR UNIT



①…Refrigerant gas pipe connection (flare)
②…Refrigerant liquid pipe connection (flare)
※ …Indicates of stop valve connection location.

PUH-P125YHA PUH-P140YHA PU-P125YHA PU-P140YHA

OUTDOOR UNIT



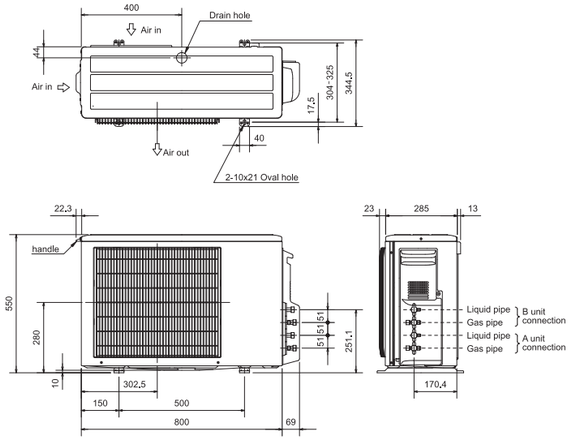
①…Refrigerant gas pipe connection (flare)
②…Refrigerant liquid pipe connection (flare)
※ …Indicates of stop valve connection location.

MXZ SERIES

Unit : mm

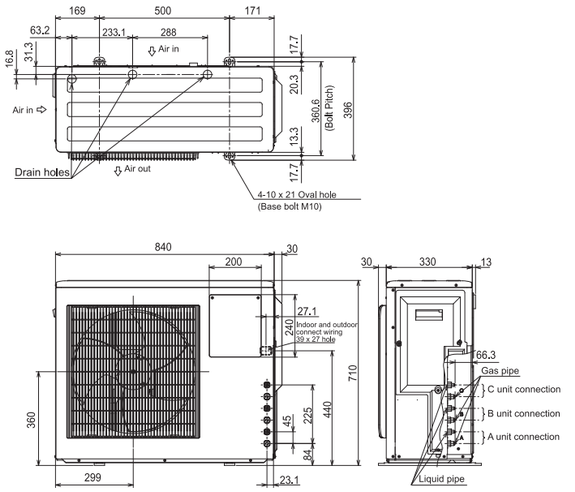
MXZ-2A30VA MXZ-2A40VA MXZ-2A52VA

OUTDOOR UNIT



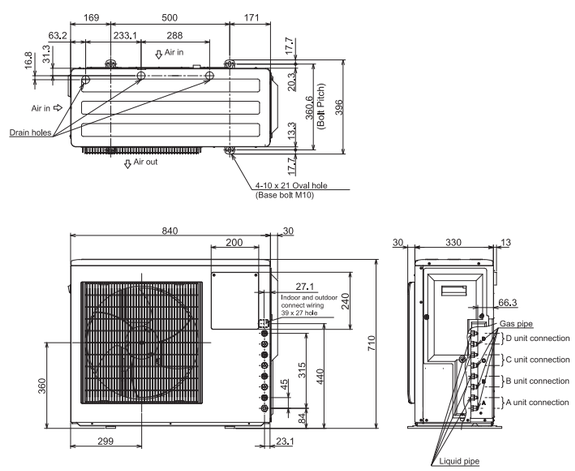
MXZ-3A54VA

OUTDOOR UNIT



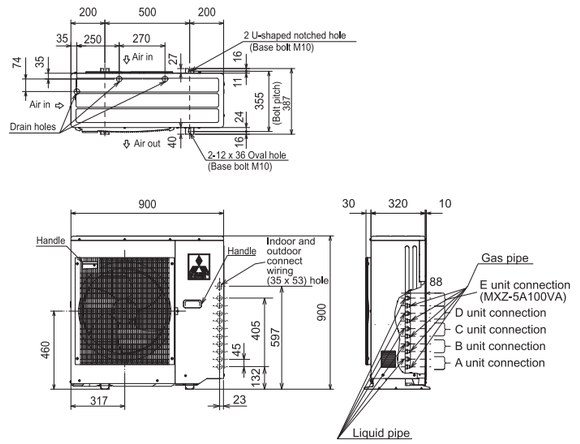
MXZ-4A71VA

OUTDOOR UNIT



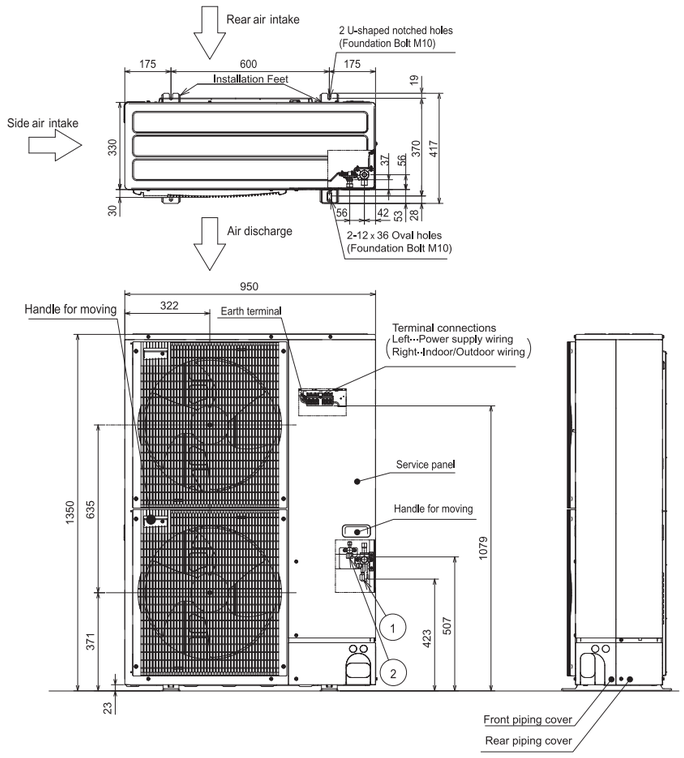
MXZ-4A80VA MXZ-5A100VA

OUTDOOR UNIT



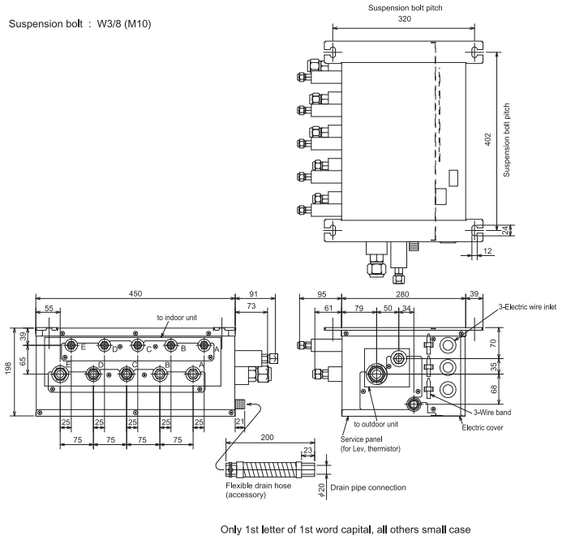
Unit : mm

MXZ-8A140VA



PAC-AK50BC

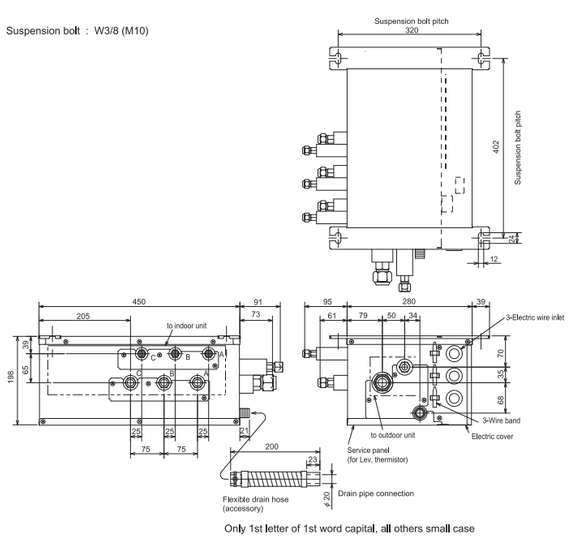
Suspension bolt : W3/8 (M10)



Only 1st letter of 1st word capital, all others small case

PAC-AK30BC

Suspension bolt : W3/8 (M10)



Only 1st letter of 1st word capital, all others small case

Piping Installation

M SERIES

Single type

Series	Class <Outdoor unit>	Maximum Piping Length(m)	Maximum Height Difference(m)	Maximum Number of Bends
		Total length(A)	Outdoor unit - Indoor unit(H)	Total number
MSZ-F	25 / 35	20	12	10
	50	30	15	10
MSZ-G	25 / 35 / 42	20	12	10
	50 / 60 / 71	30	15	10
MSZ-H	25 / 35	10	5	10
MS(H)-G	20 / 25	20	10	10
	35 / 50 / 60	25	10	10
	80	30	15	10
MFZ	25 / 30	20	12	10
	50	30	15	10

S SERIES & P SERIES

Single type

Series		Class <Outdoor unit>	Maximum Piping Length(m)	Maximum Height Difference(m)	Maximum Number of Bends
			Total length(A)	Outdoor unit - Indoor unit(H)	Total number
ZUBADAN (PUHZ-HRP)		71 / 100 / 125	75	30	15
POWER INVERTER (PUHZ-RP)		35 / 50 / 60 / 71	50	30	15
		100 / 125 / 140	75	30	15
		200 / 250	100	30	15
STANDARD INVERTER (PUHZ-P & SUZ)		25 / 35	20	12	10
		50 / 60 / 71	30	30	10
		100 / 125 / 140	50	30	15
		200 / 250	70	30	15
FIXED-SPEED (PUH-P & PU-P)	Heat pump	71 / 100 / 125 / 140	50	50	15
	Cooling ONLY	71 / 100 / 125 / 140	50	50	15

Twin type

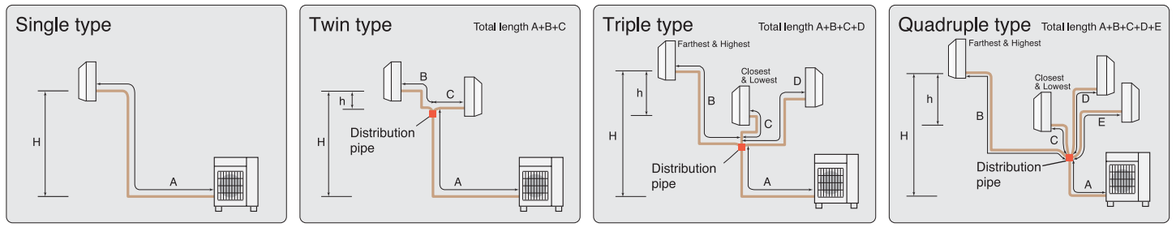
Series		Class <Outdoor unit>	Maximum Piping Length(m)		Maximum Height Difference(m)		Maximum Number of Bends
			Total length A+B+C	Pipe length difference from distribution pipe |B-C|	Outdoor unit - Indoor unit H	Indoor unit - Distribution pipe B	Indoor unit - Indoor unit h	Total number
ZUBADAN (PUHZ-HRP)		71 / 100 / 125	75	8	20	30	1	15
POWER INVERTER (PUHZ-RP)		71	50	8	20	30	1	15
		100 / 125 / 140	75	8	20	30	1	15
		200 / 250	120	8	30	30	1	15
STANDARD INVERTER (PUHZ-P)		100 / 125 / 140	50	8	20	30	1	15
		200 / 250	70	8	30	30	1	15
FIXED-SPEED (PUH-P & PU-P)	Heat pump	71 / 100 / 125 / 140	50	8	20	50	1	15
	Cooling ONLY	71 / 100 / 125 / 140	50	8	20	50	1	15

Triple type

Series		Class <Outdoor unit>	Maximum Piping Length(m)		Maximum Height Difference(m)		Maximum Number of Bends
			Total length A+B+C+D	Pipe length difference from distribution pipe |B-C|	Outdoor unit - Indoor unit H	Indoor unit - Distribution pipe B	Indoor unit - Indoor unit h	Total number
POWER INVERTER (PUHZ-RP)		140	75	8	20	30	1	15
		200 / 250	120	8	30	30	1	15
STANDARD INVERTER (PUHZ-P)		140	50	8	20	30	1	15
		200 / 250	70	8	28	30	1	15
FIXED-SPEED (PUH-P & PU-P)	Heat pump	140	50	8	20	50	1	15
	Cooling ONLY	140	50	8	20	50	1	15

Quadruple type

Series	Class <Outdoor unit>	Maximum Piping Length(m)			Maximum Height Difference(m)		Maximum Number of Bends
		Total length A+B+C+D+E	Pipe length difference from distribution pipe |B-C|	Indoor unit - Distribution pipe B	Outdoor unit - Indoor unit H	Indoor unit - Indoor unit h	Total number
POWER INVERTER (PUHZ-RP)	200 / 250	120	8	30	30	1	15
STANDARD INVERTER (PUHZ-P)	200 / 250	70	8	22	30	1	15

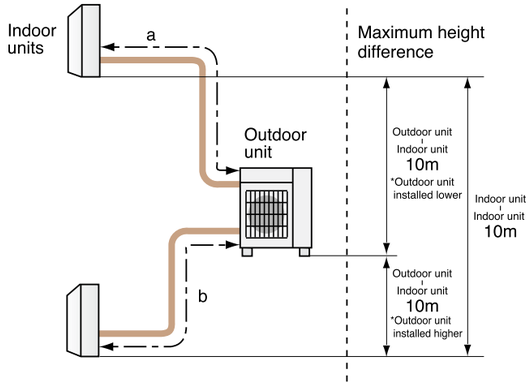


MXZ SERIES

MXZ-2A30VA

Maximum Piping Length	
Outdoor unit - Indoor unit (a,b)	15m
Total length (a+b)	20m

Maximum Number of Bends	
Outdoor unit - Indoor unit (a,b)	15
Total number (a+b)	20



MXZ-2A40VA

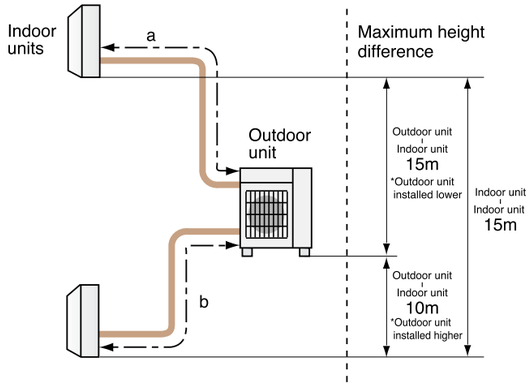
Maximum Piping Length	
Outdoor unit - Indoor unit (a,b)	20m
Total length (a+b)	30m

Maximum Number of Bends	
Outdoor unit - Indoor unit (a,b)	20
Total number (a+b)	30

MXZ-2A52VA

Maximum Piping Length	
Outdoor unit - Indoor unit (a,b)	20m
Total length (a+b)	30m

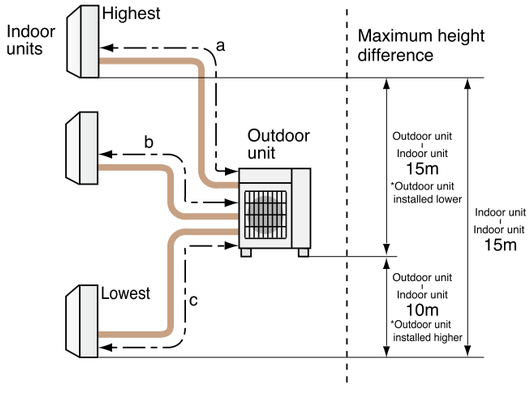
Maximum Number of Bends	
Outdoor unit - Indoor unit (a,b)	20
Total number (a+b)	30



MXZ-3A54VA

Maximum Piping Length	
Outdoor unit - Indoor unit (a,b,c)	25m
Total length (a+b+c)	50m

Maximum Number of Bends	
Outdoor unit - Indoor unit (a,b,c)	25
Total number (a+b+c)	50



MXZ-4A71VA

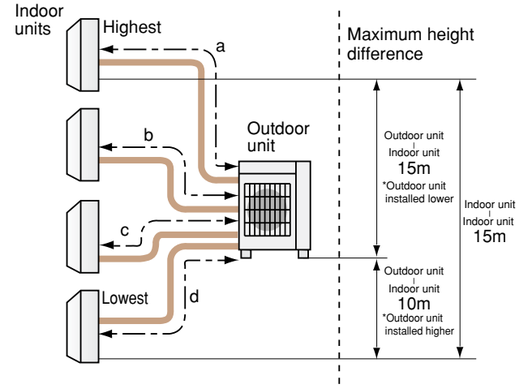
Maximum Piping Length	
Outdoor unit - Indoor unit (a,b,c,d)	25m
Total length (a+b+c+d)	60m

Maximum Number of Bends	
Outdoor unit - Indoor unit (a,b,c,d)	25
Total number (a+b+c+d)	60

MXZ-4A80VA

Maximum Piping Length	
Outdoor unit - Indoor unit (a,b,c,d)	25m
Total length (a+b+c+d)	70m

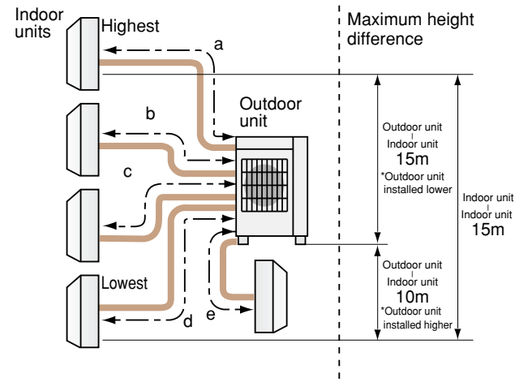
Maximum Number of Bends	
Outdoor unit - Indoor unit (a,b,c,d)	25
Total number (a+b+c+d)	70



MXZ-5A100VA

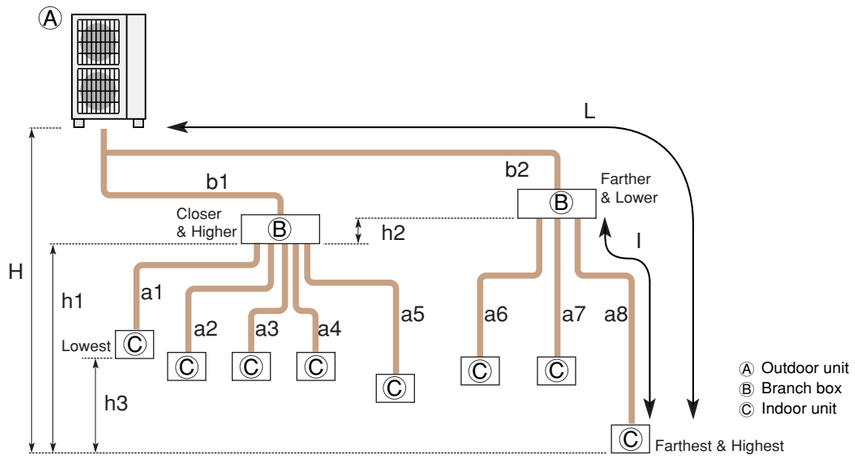
Maximum Piping Length	
Outdoor unit - Indoor unit (a,b,c,d,e)	25m
Total length (a+b+c+d+e)	80m

Maximum Number of Bends	
Outdoor unit - Indoor unit (a,b,c,d,e)	25
Total number (a+b+c+d+e)	80



MXZ SERIES

MXZ-8A140VA



Maximum Piping Length	Total length	b1 + b2 + a1+ a2 + a3 + a4 + a5 + a6 + a7 + a8 ≦ 115m
	Outdoor unit - Branch box - Indoor unit (L)	b2 + a8 ≦ 70m (b2 ≦ 55m, a8 ≦ 15m)
	Outdoor unit - Branch box	b1 + b2 ≦ 55m
	Branch box - Indoor unit (l)	a8 ≦ 15m
	Total pipe length after the branch box	a1+ a2 + a3 + a4 + a5 + a6 a7 + a8 ≦ 60m
Maximum Height Difference	Outdoor unit - Indoor unit (H) ※1	H ≦ 30m (when outdoor unit is set higher than indoor unit)
		H ≦ 20m (when outdoor unit is set lower than indoor unit)
	Branch box - Indoor unit (h1)	h1 + h2 ≦ 15m
	Branch box - Branch box (h2)	h2 ≦ 15m
	Indoor unit - Indoor unit (h3)	h3 ≦ 12m
Maximum Number of Bends	Total number	| b1 + a1 |,| b1 + a2 |,| b1 + a3 |,| b1 + a4 |,| b1 + a5 |,| b2 + a6 |, | b2 + a7 |,| b2 + a8 | ≦15

※1 Branch box should be placed on a plane between the outdoor unit and indoor units.

Explanation of Terminology

Maximum piping length:
This is the maximum allowable length of the refrigerant piping. The amount of refrigerant pipe used cannot be longer than the length specified.

Total length:
The maximum allowable combined length of all the refrigerant piping between the outdoor unit and indoor unit(s).

Outdoor Unit - Indoor Unit:
The maximum allowable length of the refrigerant piping between the outdoor unit and indoor units installed when multiple units are connected to a single outdoor unit. This distance limitation refers to the maximum length between the outdoor unit and the farthest indoor unit.

Pipe length difference from distribution pipe:
The maximum allowable difference in refrigerant piping length from the distribution pipe to the farthest indoor unit and from the distribution pipe to the closest indoor unit when multiple indoor units are connected to a single outdoor unit using a distribution pipe.

Indoor Unit - Distribution Pipe:
The maximum allowable length of the refrigerant piping between indoor units and the distribution pipe when multiple indoor units are connected to a single outdoor unit.

Outdoor unit - Branch box:
The maximum allowable length of the refrigerant piping between the branch box and outdoor unit when a branch box is used to connect multiple indoor units to a single outdoor unit.

Branch box - Indoor unit:
The maximum allowable length of the refrigerant piping between the branch box and the indoor unit farthest from it when a branch box is used to connect multiple indoor units to a single outdoor unit.

Outdoor unit - Branch box - Indoor unit:
The maximum allowable length of the refrigerant piping from the outdoor unit to the farthest indoor unit when a branch box is used to connect multiple indoor units with a single outdoor unit.

Total pipe length after the branch box:
The maximum allowable length of the refrigerant piping between the branch box and all indoor units combined when a branch box is used to connect multiple indoor units with a single outdoor unit.

Maximum height difference:
This is the maximum allowable height difference. It is necessary to install the air conditioning system so that the height distance is no more than the difference specified. (Specified differences may vary if the outdoor unit is installed higher or lower than the indoor units).

Outdoor unit - Indoor unit:
The maximum allowable difference in height between the outdoor unit and indoor units when installed (when multiple indoor units are connected to a single outdoor unit, this distance limitation refers to the maximum height difference between the outdoor unit and an indoor unit).

Indoor unit - Indoor unit:
The maximum allowable difference between the heights of indoor units when multiple indoor units are connected to a single outdoor unit.

Branch box - Indoor unit:
The maximum allowable difference between the heights of the branch box and an indoor unit when multiple indoor units are connected to a single outdoor unit.

Branch box - Branch box:
The maximum allowable difference between the heights of the branch boxes when two branch boxes are used to connect multiple indoor units to a single outdoor unit.

Maximum number of bends:
This is the maximum allowable number of bends in the refrigerant piping. The total number of bends in the refrigerant piping used cannot exceed the number specified.

Total number:
The maximum allowable number of bends for all refrigerant piping between the outdoor unit and indoor units.

Outdoor unit - Indoor unit:
The maximum allowable number of bends between the outdoor unit and each indoor unit when multiple indoor units are connected to a single outdoor unit.

AIR-TO-WATER

SERIES LINE-UP

Mitsubishi Electric have a good variety of units depending on conditions for installation sites.

PACKAGED TYPE

Water heat exchanger is built in the outdoor units.

	2HP	3HP	4HP	5HP
Power Inverter	 PUHZ-W50VHA(-BS)*	 PUHZ-W85VHA(-BS)*		
ZUBADAN ZUBADAN **For cold regions**			 PUHZ-HW112YHA(-BS)*	 PUHZ-HW140VHA(-BS)*/PUHZ-HW140YHA(-BS)*

* Model names including "BS" are highly rust resistant. e.g.) PUHZ-W50VHA-BS

OPTIONAL PARTS LIST

Outdoor Units \ Optional Part			Step Interface[3]		Flow Temperature Controller[3]			Thermistor	Connector for Drain Hose Heater Signal Output
			10 PC Boards w/o Case	1 PC Board w/ Case	10 PC Boards w/o Case	1 PC Board w/ Case	1 PC Board w/ Case		
			PAC-IF010-E[2]	PAC-IF011B-E	PAC-IF020-E[2]	PAC-IF021B-E	PAC-IF031B-E	PAC-TH010-E	PAC-SE58RA-E
Packaged Type	Power Inverter	PUHZ-W50VHA	○	○	○	○	○	○[1]	○
		PUHZ-W50VHA-BS	○	○	○	○	○	○[1]	○
		PUHZ-W85VHA	○	○	○	○	○	○[1]	○
		PUHZ-W85VHA-BS	○	○	○	○	○	○[1]	○
	ZUBADAN	PUHZ-HW112YHA	○	○	○	○	○	○[1]	○
		PUHZ-HW112YHA-BS	○	○	○	○	○	○[1]	○
		PUHZ-HW140VHA	○	○	○	○	○	○[1]	○
		PUHZ-HW140VHA-BS	○	○	○	○	○	○[1]	○
		PUHZ-HW140YHA	○	○	○	○	○	○[1]	○
		PUHZ-HW140YHA-BS	○	○	○	○	○	○[1]	○

Notes: 1) PAC-IF010-E or PAC-IF020-E is required.
2) PAC-IF010-E and PAC-IF020-E are only for manufacturer's preloading.
3) Step interface or Flow Temperature Controller is required to operate units. Which you should select depends on local system configuration.

CONTENTS

Part Name	Model Name	Contents	Q'ty
Step Interface	PAC-IF011B-E	PC Board	1
		Case	1
		Thermistor	2
Flow Temperature Controller	PAC-IF021B-E	PC Board	1
		Case	1
		Thermistor	2
		Remote Controller	1
		Remote Controller Cable (5m)	1
	PAC-IF031B-E	PC Board	1
		Case	1
		Thermistor	3
		Remote Controller	1
		Remote Controller Cable (5m)	1
Interface	PAC-IF010-E	PC Board	10[1]
Flow Temperature Controller	PAC-IF020-E	PC Board	10[1]
Thermistor	PAC-TH010-E	Thermistor	20[2]

Notes: 1) One carton contains 10 PC boards. 2) Two thermistors per package; 10 packages per carton.

AIR-TO-WATER

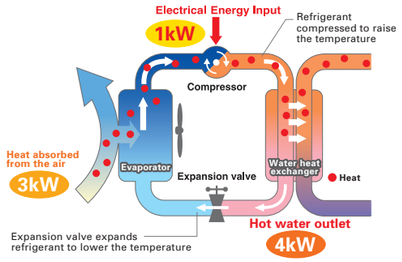
This series of extremely efficient air-to-water heat pumps incorporates numerous original air conditioning technologies developed by Mitsubishi Electric. The eco-friendly units offer the perfect combination of powerful heating and cooling performance and economical running cost.

The Secret Behind Our Stellar Heat Pump Efficiency is Capturing the Heat that is Already in the Air.

Heat pump systems are now capturing attention as a decisive catalyst in efforts to conserve energy. With this technology, atmospheric heat is harnessed; that is, it is collected from the air and used as a heat source to provide highly efficient heating. For example, a heat pump with a coefficient of performance (COP) of 4.0 uses 1kW of electrical energy input and 3kW of heat energy transferred from outside-air to the heat pump for an impressive final heat output of 4kW.

Air-to-Water Heat Pump Principle (when heating)

Refrigerant and Heat Circulation
< Case of COP 4.0 >



Produces 4 times the amount of energy input

"1kW"
Electrical Energy Input

+

"3kW"
Heat Absorbed from the Air

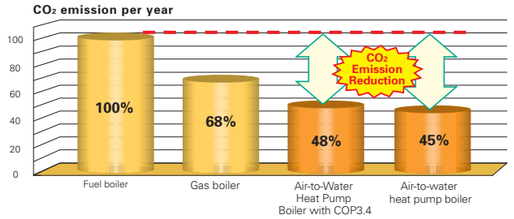
=

"4kW"
Heat Output

Drastic Reductions in Operation Cost and CO_2 Emissions – No Sacrifice in Comfort

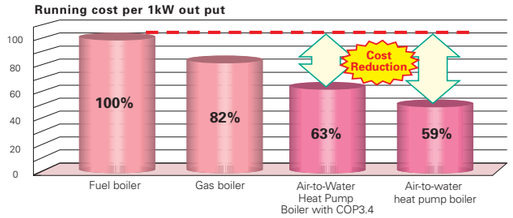
Heat pumps differ from conventional heat sources in their ability to effectively use atmospheric heat. A unit with a COP of 4.0 has a heat output of 4kW for each kilowatt of electricity consumed. This contributes to a major reduction in operating cost when compared to other heating sources on the market.

CO_2 emission per year



Source: A coefficient of CO_2 emission based on Ministry of the Environment Japan data.

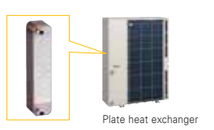
Running cost per 1kW out put

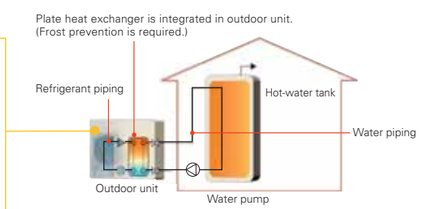


Source: Energy prices based on EUROSTAT data.

No Need for Refrigerant Piping

Packaged type model ensures easy installation, with no refrigerant piping work required.





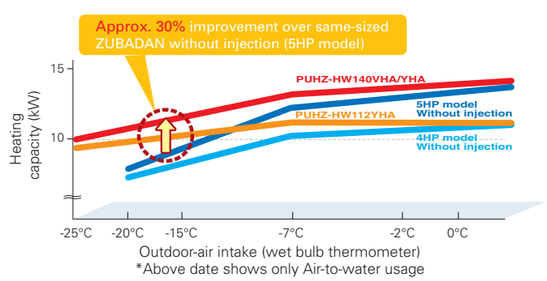
Interface (Option)

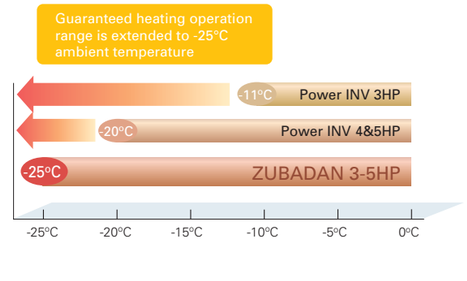
Two types of interface are available.
Select the one that best fits your needs.

Improved Heating Performance

ZUBADAN

Mitsubishi Electric's unique "Flash Injection Circuit" is a key component in the high heating performance of the ZUBADAN. This technology enables the rated heating capacity to exceed that of the power inverter series by 30%, even when operating with sub-zero temperatures outdoors, and the guaranteed operating range of the heating mode is extended to -25°C. Thanks to ZUBADAN technologies, Air-to-water heat pumps can now be used to heat homes in cold regions too.

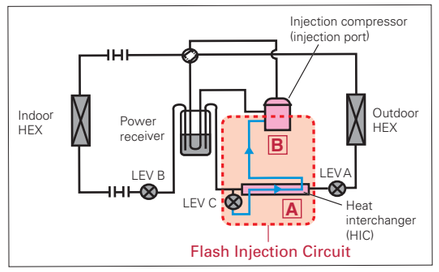


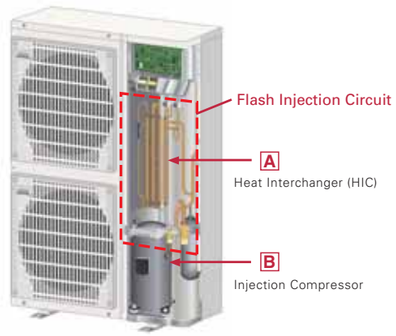


Mitsubishi Electric's Flash Injection Technology The Key to High Heating Performance at Low Outdoor Temperatures

Flash Injection Circuit

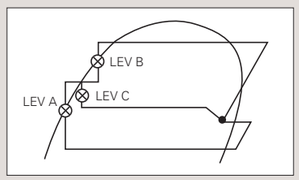
ZUBADAN





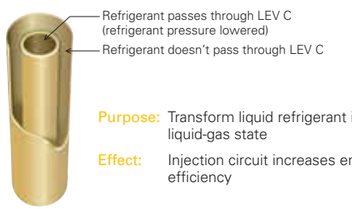
The Mr. Slim model of the ZUBADAN Series is equipped with Mitsubishi Electric's original Flash Injection Circuit, which is comprised of a bypass circuit and heat interchanger (HIC). The HIC transforms rerouted liquid refrigerant into a gas-liquid state to lower compression load. This process ensures excellent heating performance even when the outdoor temperature drops very low.
In traditional units, when the outdoor temperature is low, the volume of refrigerant circulating in the compressor decreases due to the drop in refrigerant pressure and protection from overheating due to high compression, thereby reducing heating capacity. The Flash Injection Circuit injects refrigerant to maintain the refrigerant circulation volume and compressor operation load, thereby maintaining heating capacity.

Mollier Chart Image Representing Flash Injection Circuit Operation



A Heat Interchanger (HIC)

HIC cross-sectional view

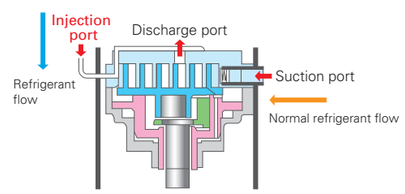


Purpose: Transform liquid refrigerant into liquid-gas state

Effect: Injection circuit increases energy efficiency

The compressor is subjected to a heavy load when compressing liquid refrigerant, and the result is lower operation efficiency. The addition of HIC supports refrigerant heat exchange at two different pressure levels. The heat-exchange process transforms the injected liquid refrigerant into a gas liquid state, thereby decreasing the load on the compressor during the compression process.

B Injection Compressor



Purpose: To increase the volume of refrigerant being circulated

Effect: Improves heating capacity at low outdoor temperatures, and enables higher water outlet temperature adjustment and higher defrost operation speed

Refrigerant passes from the HIC into the compressor through the injection port. Having two refrigerant inlets makes it possible to raise the volume of refrigerant being circulated when the outdoor temperature is low and at the start of heating operation.

Packaged Type Specifications

■ Power Inverter

Model Name			PUHZ-W50VHA (-BS)	PUHZ-W85VHA (-BS)
Function			Heating and Cooling	Heating and Cooling
Refrigerant			R410A	R410A
Power Supply	Phase	ø	1	1
	Voltage	V	230	230
	Frequency	Hz	50	50
Max running current		A	13	23
Dimensions H x W x D		mm	740 × 950 × 330 (+30[1])	943 × 950 × 330 (+30[1])
Weight		kg	64	77
Noise Levels	Heating (A7/W35)	dB	46[2]	48[2]
	Cooling (A35/W7)	dB	45[2]	48[2]
Outlet Water Temp. (Max. heating)		°C	60°	60°
Guaranteed Operating Range (Outdoor)	Heating	°C	-15 – +35	-20 – +35
	Cooling	°C	-5[3] – +46	-5[3] – +46
Heating (A7/W35)	Capacity	kW	5.00	9.00
	COP		4.10	3.85
	Power Input	kW	1.22[4]	2.34[4]
	Nominal Water Flow	L/min	14.3	25.8
Heating (A7/W45)	Capacity	kW	5.00	9.00
	COP		3.21	2.97
	Power Input	kW	1.56[4]	3.03[4]
	Nominal Water Flow	L/min	14.3	25.8
Cooling (A35/W75)	Capacity	kW	4.50	7.50
	EER (COP)		2.94	2.39
	Power Input	kW	1.53[4]	3.14[4]
	Nominal Water Flow	L/min	12.9	21.5
Cooling (A35/W18)	Capacity	kW	4.50	7.50
	EER (COP)		4.13	3.87
	Power Input	kW	1.09[4]	1.94[4]
	Nominal Water Flow	L/min	12.9	21.5
Heating pump input (Based on EN14511)		kW	0.01	0.03
Cooling pump input (Based on EN14511)		kW	0.01	0.02

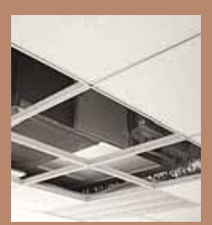
Heating pump input (Based on EN14511)
Cooling pump input (Based on EN14511)
1) Grill
2) 1m from outdoor unit.
3) Operation at outdoor temperature of -15˚C is possible using the optional air outlet guide.
4) Based on EN14511, power input figures include pump input figures at the bottom of the table.

■ ZUBADAN

Model Name			PUHZ-HW112YHA (-BS)	PUHZ-HW140VHA (-BS)/YHA(-BS)
Function			Heating and Cooling	Heating and Cooling
Refrigerant			R410A	R410A
Power Supply	Phase	ø	3	1/3
	Voltage	V	400	230/400
	Frequency	Hz	50	50
Max running current		A	13	35/13
Dimensions H x W x D		mm	1350 × 1020 × 330 (+30[1])	1350 × 1020 × 330 (+30[1])
Weight		kg	148	134/148
Noise Levels	Heating (A7/W35)	dB	53[2]	53[2]
	Cooling (A35/W7)	dB	53[2]	53[2]
Outlet Water Temp. (Max. heating)		°C	60°	60°
Guaranteed Operating Range (Outdoor)	Heating	°C	-25 – +35	-25 – +35
	Cooling	°C	-5[3] – +46	-5[3] – +46
Heating (A7/W35)	Capacity	kW	11.20	14.00
	COP		4.24	4.19
	Power Input	kW	2.64[4]	3.34[4]
	Nominal Water Flow	L/min	32.1	40.1
Heating (A7/W45)	Capacity	kW	11.20	14.00
	COP		3.23	3.18
	Power Input	kW	3.47[4]	4.40[4]
	Nominal Water Flow	L/min	32.1	40.1
Cooling (A35/W75)	Capacity	kW	10.00	12.50
	EER (COP)		2.72	2.59
	Power Input	kW	3.68[4]	4.82[4]
	Nominal Water Flow	L/min	28.7	35.8
Cooling (A35/W18)	Capacity	kW	10.00	12.50
	EER (COP)		4.07	4.01
	Power Input	kW	2.46[4]	3.12[4]
	Nominal Water Flow	L/min	28.7	35.8
Heating pump input (Based on EN14511)		kW	0.01	0.02
Cooling pump input (Based on EN14511)		kW	0.01	0.02

Heating pump input (Based on EN14511)
Cooling pump input (Based on EN14511)
1) Grill
2) 1m from outdoor unit.
3) Operation at outdoor temperature of -15˚C is possible using the optional air outlet guide.
4) Based on EN14511, power input figures include pump input figures at the bottom of the table.

LOSSNAY SYSTEM



SELECTION

A line-up of three product groups that addresses a wide range of needs.

SELECT LOSSNAY

Select the most appropriate model according to factors such as the shape of the building and ventilation requirements.

LGH SERIES
Ceiling-concealed
Nine models (150–2000m³/h)

LGH-15 to 100RX5-E

LGH-150 and 200RX5-E

- Applications: Offices, Stores, Etc.
- High total heat-exchange efficiency
- Excellent airflow control (Extra High, High, Low and Extra Low)
- Multi-ventilation Mode
- Can be interconnected with other Mitsubishi Electric air conditioners
- Exclusive Lossnay remote-control system
- Mr. Slim remote controller can be used for some systems

LGH SERIES
Ceiling-suspended 400m³/h

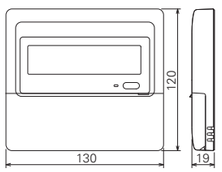
- Applications: Stores, Schools, Etc.
- High/Low airflow control
- Can be controlled using separately sold mechanical switches

VL SERIES
Wall-mounted 100m³/h

- Application: Prefabricated offices (container houses), Residences, Etc.
- High/Low airflow control
- Pull-string switch

SELECT OPTIONS

Remote controller (PZ-60DR-E)

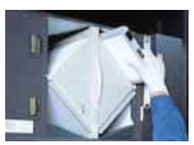


Unit: mm

- 8-Language dot-matrix display
- Weekly timer

Source power requirement	Power received from a LOSSNAY unit, TM4 ①-②
Number of LOSSNAY units controlled by PZ-60DR-E	1–15

High-efficiency filter



Incorporation into the main unit is simple, and filter changes can be performed via the main unit inspection opening.

Model	Number of filters per set	Applicable model	Filter material
PZ-25RFM	2	LGH-15RX5-E, LGH-25RX5-E	Non combustible fiber (Polyester polyolefin) 65% (EU-F7)
PZ-35RFM	2	LGH-35RX5-E	
PZ-50RFM	2	LGH-50RX5-E	
PZ-65RFM	2	LGH-65RX5-E	
PZ-80RFM	2	LGH-80RX5-E, LGH-150RX5-E (2 sets)	
PZ-100RFM	2	LGH-100RX5-E, LGH-200RX5-E (2 sets)	

* Options listed above are exclusively for LGH-_RX5-E models.

LOSSNAY SYSTEM

Lossnay ventilation systems are renowned industry-wide for their efficiency. They offer environment-friendly energy recovery and humidity control, and enable air conditioning systems to simultaneously provide optimum room comfort and energy savings.

One Adult Needs 400 Litres (Equivalent to Two Barrels) of Fresh Air Every Hour

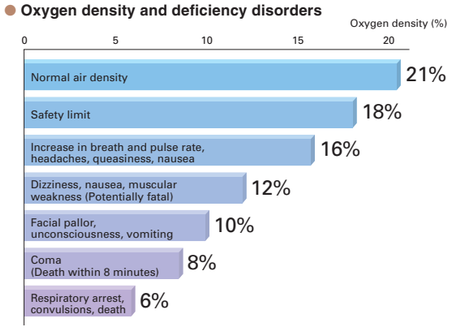
In everyday life daily, occasionally there are times you might feel out of breath, like when you're in a closed room or a crowded train. This is because the air becomes carbon-rich; that is, the carbon dioxide (CO_2) that people exhale accumulates in closed spaces, thereby increasing the carbon gas density in the enclosed space. The average person exhales about 20 litres of carbon-rich gas per hour. If there is no ventilation, the carbon gas density increases in the room as the oxygen density decreases, and various problems could eventually occur. To live comfortably, every person needs a surprising 400 litres of fresh air per hour; a volume equivalent to two large barrels.

Main Gaseous Contaminants Found Indoors

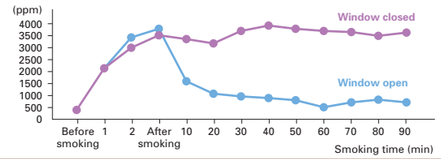
Contaminant Name	Chemical Formula	Harm
Carbon Monoxide	CO	Causes severe damage to the body
Sulfurous Gases (sulfur oxide)	SO_2	Damages the body; causes asthma; reacts with metals, generates rusting
Nitrous Gases Nitric oxide Nitrogen dioxide	 NO NO_2	Direct harm to the body is unclear; becomes NO_2 when bound with oxygen, causes indirect harm; irritates the throat and lungs, possibly causing serious damage.
Carbon Dioxide Gas	CO_2	No direct harm unless the gas is very dense
Bad Odours	—	Bad odours found inside residences do not cause serious damage health-wise, but may create discomfort

Source: An Introduction to Home Environment Studies. S. Fuji, Shoukokusha Publications

Oxygen density and deficiency disorders

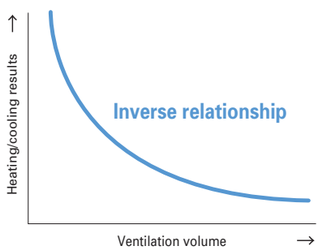


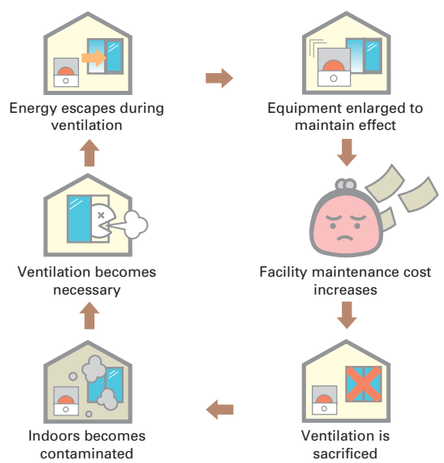
Ventilation and Change in Amount of CO_2 Exhaled



Ventilation Providing Both Heating and Cooling

When using a ventilating system, indoor air that has been heated or cooled escapes causing the room to become cold in winter or hot in summer. As the heated/cooled air dissipates, the environment becomes uncomfortable, precious energy and money are wasted, and the increasing amount of contaminated indoor air that needs to be ventilated turns into a major problem. The reason for this phenomenon is that heating/cooling and ventilation have an incompatible relationship that is inversely proportional. For air conditioning from now on, Mitsubishi Electric proposes heating and cooling systems that provide effective ventilation at the same time.

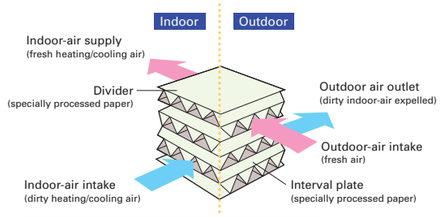




Simple Construction, High Performance – That's Lossnay Air Ventilation

Simple Construction

As shown in the illustration, the Lossnay element design adopts a cross-flow shape and plate-fin construction that enables total heat exchange using specially processed paper dividers and interval plates. Since the dividers separate the intake and exhaust passages, fresh air is always inducted without mixing with exhaust air.



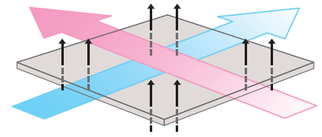
Operating Principle

The Lossnay element skillfully provides total heat exchange—temperature (i.e., sensible heat) and humidity (latent heat)—using specially processed paper dividers and moisture permeability characteristics; enabling dirty indoor-air to be expelled outside and fresh outdoor-air to be inducted inside, passing through the Lossnay without ever mixing.
The principle can be explained by a simple experiment. Roll a sheet of paper into a tube shape and blow through it. The warmth of the air is transferred to your hand, and conversely, if cold air is blown through the tube, the coldness would be transferred to your hand. The same special properties of the paper are used for the Lossnay total heat exchanger.

What are Sensible Heat and Latent Heat?

Sensible heat is the heat resulting from temperature changes (i.e., rise/fall) in a substance, and latent heat is that which is generated or dissipates according to changes in the state of a substance (e.g., evaporation, condensation, etc.).

- Temperature (sensible heat) exchange Thermal conduction and heat transfer through the divider in all temperature ranges.
- Humidity (latent heat) exchange Water vapor transference through the divider in all temperatures ranges based on differences in water vapor pressure.

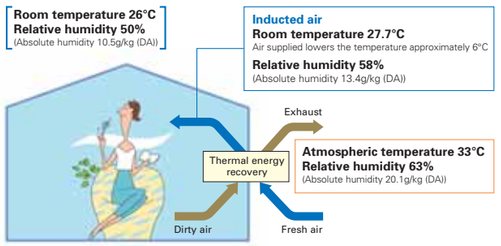


Comfortable Air Ventilation Regardless of Being Hot or Cold

Summer

Difference between inducted air and indoor temperature is 1.7°C.

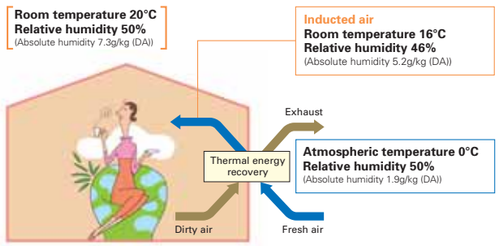
- Inducted air is brought to the condition of cooled (dehumidified) indoor-air.



Winter

Humidity recovery of 4kg/h

- Inducted air is brought to the condition of the heated (humidified) indoor-air.



■Calculation Conditions: LGH-100RXs (High notch)

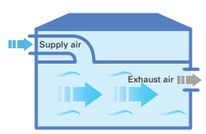
In the case of general ventilation (including open windows) → In order to induct outdoor-air as is, changes in high-temperature summer air and low-temperature winter air are not considered.

Other Features

Lossnay provides better air ventilation because air is inducted and expelled concurrently, thereby offering more efficient operation than traditional air ventilation (exhaust ventilation only).

If air is not supplied, the air pressure in the room drops and the entire space is not properly ventilated.

If Lossnay is used



By inducting and expelling air concurrently, Lossnay constantly provides sufficient ventilation and maintains a good air environment indoors.

Mr. Slim & Lossnay Interconnected Ventilation Systems

High-quality Air Conditioning Systems Fusing Comfort and Economy

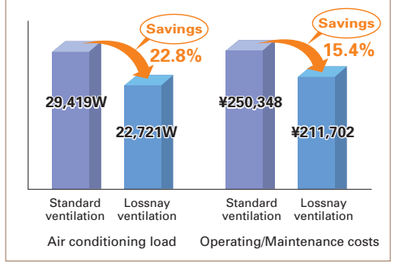
Six Major Merits of Interconnected Ventilation Systems

Problems					
• Indoor-air is contaminated by cigarette smoke, dust, etc. • Air induction is insufficient, resulting in insufficient ventilation.	• Heating/Cooling airflow doesn't reach foot level	• Conditioned air expelled outside with exhaust air • High initial operating cost	• Separate switches for air conditioner and ventilation systems makes operation troublesome • Detailed zone-by-zone operation not possible	• Air conditioner and ventilation fan operation noise annoying • Outside traffic noise annoying	• Maintenance such as changing the filter is difficult
↓	↓	↓	↓	↓	↓
Merits					
Efficient, fresh-air ventilation	Comfortable airflow	Energy-saving ventilation	Control with a single remote controller	Quiet operation	1-year no-maintenance filter

Reduce Heating/Cooling Costs with Efficient Ventilation

Conventional ventilation systems expel heated/cooled air outside, which is definitely a minus from an economic standpoint. Lossnay units induct outdoor-air through an independent heat exchanger and bring the air near the indoor-air temperature before distributing it in the room, thereby keeping the indoor-air temperature virtually constant. Incorporation of a Lossnay unit can result in a reduction in annual heating/cooling cost of approximately 15–16%.

Annual savings: 22.8% reduction in air conditioning load; 15.4% reduction in electricity cost



Trial calculation conditions, standard business office in Tokyo metropolitan area; 100m²

Air Conditioning Equipment
<Standard Ventilation> Air Conditioner: PLHX-JI80GFK 4-way Cassette Ventilator (simultaneous induction/exhaust): BFS-20ASK Straight Sirocco Fan x 2 units
<Lossnay Ventilation> Air Conditioner: PLHX-JI40GKF 4-way Ceiling Cassette Ventilator (simultaneous induction/exhaust): Lossnay LGH-50CMP

Calculation Factors
- Standard office size: 100m²
- Cooling load:104W•m²
- Heating load: 77.9W•m²
- Ventilation volume: 500m³/h
- Operating time: 10hr/day, 26days/mo, 4mo/yr (cooling time); 5mo/yr (heating time), Capacity ratio 0.7
- Electricity rate (Tokyo Electric Power Company, 6kV commercial power): Summertime ¥17.84/kWH, otherwise ¥16.22/kWH

One Remote Controller for All Operations

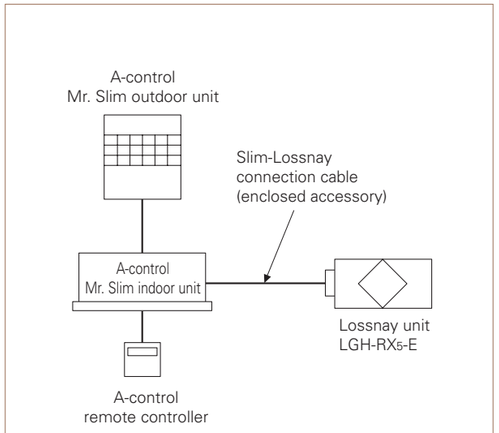
Control both Mr. Slim and Lossnay units with a single controller, the new "MA Remote Controller." Compared to conventional air conditioning and ventilation systems that require a separate remote controller for each unit, operation is greatly simplified. A variety of features are incorporated, such as a "Ventilation Changeover Switch" and "Filter Sign" for independent operation of the Lossnay when running for long periods of time.

Mr. Slim Air Conditioners Compatible with Lossnay Ventilation Units

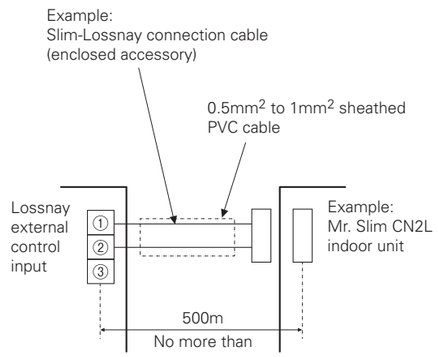
Type	Model Name	Type	Model Name
Ceiling Cassette (4-way)	PLA-BA/SLZ-KA	Ceiling	PCA-KA/HA
Ceiling-concealed	PEAD-JA/PEA-GA	Wall-mounted	PKA-HA/KA
	SEZ-KD	Floor-standing	PSA-GA

* The wired remote controller must be set before it can be used to operate individual Lossnay units.

System Example



Connection Method



Lossnay Function Table (Interlocked settings)

Item	Details
Number of indoor units that can be set to interlocked operation with 1 Lossnay unit in each group	1 unit
Number of Lossnay units that can be set to interlocked operation with 1 indoor unit	1 unit
Operation of Lossnay unit only (When indoor unit is stopped)	Possible
Independent Lossnay unit start and stop (When indoor unit is operating)	Not possible
Delayed operation (Optional setting)	30 minute delayed operation when indoor unit cooling/heating is started
Fan speed switching	High/Low*
Ventilation mode	Automatic
Filter indicator	None
Error indicator	None
Restrictions and precautions	The Lossnay remote controller cannot be used for systems interlocked with Mr. Slim.

* Cannot select extra-low fan speed when using the MA Remote Controller.

Controller Function Table for Lossnay Units

Switched and display ○: Group only (or function available) ×: Not available

Model		Local remote	
		MA Remote Controller	Lossnay Remote Controller
		PAR-21MAA	PZ-60DR-E
Operation	Start/Stop	○	Cannot be used with interlocked Lossnays
	Fan speed switching (High/Low)*	○	
	Ventilation mode switching	× (Automatic)	
	Priority instructions Local permitted/prohibited	×	
Monitoring	Status (Operation/Stop)	○	
	Fan speed switching (High/Low)	○	
	Ventilation mode	×	
	Error indicator	×	
	Error content	×	
	Filter sign	×	
	Local permitted/prohibited	×	

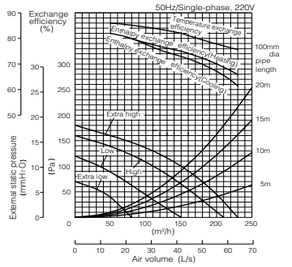
* Cannot select extra-low fan speed when using the MA Remote Controller.

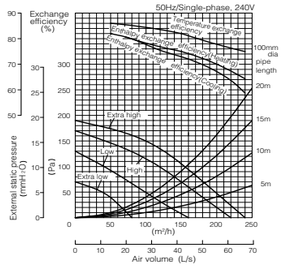
Specifications / Dimensions

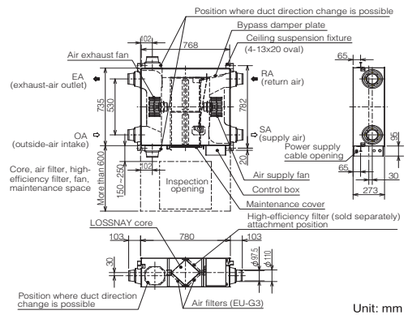
LGH-15RX5-E

Model		LGH-15RX5-E							
Power Supply (V/Phase/Hz)		220-240 / Single / 50							
Ventilation Mode		LOSSNAY ventilation				Bypass ventilation			
Fan Speed		Extra-Hi	Hi	Lo	Extra-Lo	Extra-Hi	Hi	Lo	Extra-Lo
Operating Current (A)		0.44-0.46	0.37-0.38	0.25-0.25	0.14-0.15	0.45-0.46	0.37-0.38	0.25-0.26	0.14-0.15
Power Consumption (W)		96-110	80-90	53-59	30-35	97-110	81-91	54-61	30-35
Air Volume	(m^3/h)	150	150	110	70	150	150	110	70
	(L/s)	42	42	31	19	42	42	31	19
External Static Pressure	(mmH_2O)	10.2-10.7	6.6-7.1	3.6-4.1	1.4	10.2-10.7	6.6-7.1	3.6-4.1	1.4
	(Pa)	100-105	65-70	35-40	14	100-105	65-70	35-40	14
Temperature Exchange Efficiency (%)		82.0	82.0	84.0	85.5	—	—	—	—
Enthalpy Exchange Efficiency (%)	Heating	75.0	75.0	77.5	81.0	—	—	—	—
	Cooling	73.0	73.0	76.5	81.0	—	—	—	—
SPL (dB) (measured at 1.5m under the center of apanel in an anechoic chamber)		27.5-28	26.5-27	22-23.5	18	28.5-29	27-28	23-24	18-19
Weight (kg)		20							
Starting Current		Under 0.8A							

*The air outlet noise (45° angle,1.5 meters in front of the unit) is about 10dB higher than the indicated value at high fan speed.





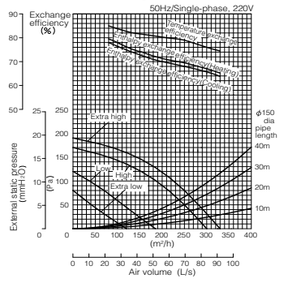


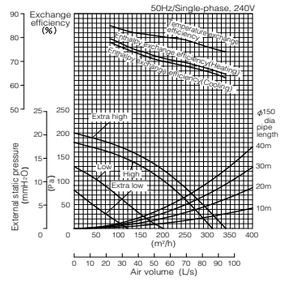
Unit: mm

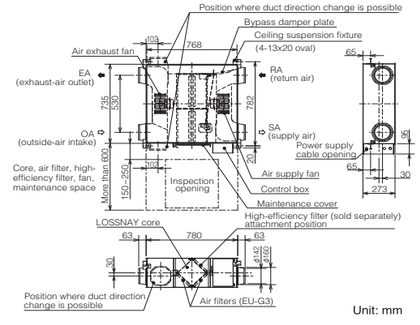
LGH-25RX5-E

Model		LGH-25RX5-E							
Power Supply (V/Phase/Hz)		220-240 / Single / 50							
Ventilation Mode		LOSSNAY ventilation				Bypass ventilation			
Fan Speed		Extra-Hi	Hi	Lo	Extra-Lo	Extra-Hi	Hi	Lo	Extra-Lo
Operating Current (A)		0.52-0.55	0.47-0.48	0.26-0.27	0.17-0.18	0.53-0.55	0.47-0.48	0.26-0.27	0.17-0.18
Power Consumption (W)		113-129	102-114	56-62	36-42	115-131	103-115	56-63	36-42
Air Volume	(m^3/h)	250	250	155	105	250	250	155	105
	(L/s)	69	69	43	29	69	69	43	29
External Static Pressure	(mmH_2O)	8.2-8.7	5.1-6.1	2-2.5	0.9	8.2-8.7	5.1-6.1	2-2.5	0.9
	(Pa)	80-85	50-60	20-25	9	80-85	50-60	20-25	9
Temperature Exchange Efficiency (%)		79.0	79.0	81.5	83.5	—	—	—	—
Enthalpy Exchange Efficiency (%)	Heating	69.5	69.5	74.0	77.5	—	—	—	—
	Cooling	68.0	68.0	72.5	76.0	—	—	—	—
SPL (dB) (measured at 1.5m under the center of apanel in an anechoic chamber)		26-27	25-26	20-21.5	18-19	26.5-27.5	25.5-26.5	20.5-22	18-19
Weight (kg)		20							
Starting Current		Under 0.9A							

*The air outlet noise (45° angle,1.5 meters in front of the unit) is about 10dB higher than the indicated value at high fan speed.





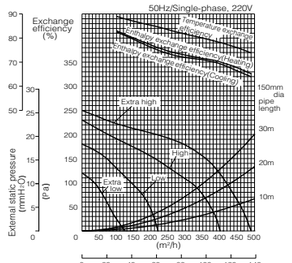


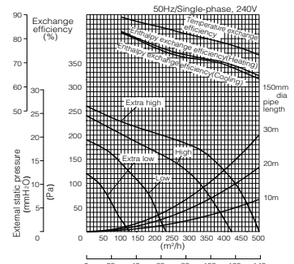
Unit: mm

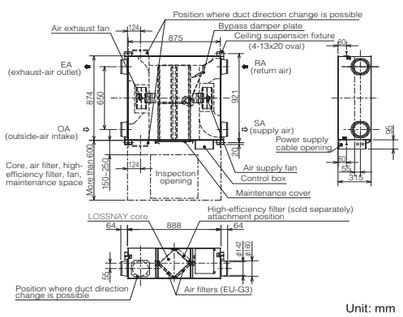
LGH-35RX5-E

Model		LGH-35RX5-E							
Power Supply (V/Phase/Hz)		220-240 / Single / 50							
Ventilation Mode		LOSSNAY ventilation				Bypass ventilation			
Fan Speed		Extra-Hi	Hi	Lo	Extra-Lo	Extra-Hi	Hi	Lo	Extra-Lo
Operating Current (A)		0.92-0.92	0.74-0.74	0.5-0.51	0.28-0.3	0.93-0.94	0.77-0.77	0.51-0.52	0.28-0.3
Power Consumption (W)		195-212	160-169	105-116	58-69	197-217	164-173	105-116	58-69
Air volume	(m^3/h)	350	350	210	115	350	350	210	115
	(L/s)	97	97	58	32	97	97	58	32
External Static Pressure	(mmH_2O)	15.8-16.3	7.6-8.2	2.5-3.1	0.9	15.8-16.3	7.6-8.2	2.5-3.1	0.9
	(Pa)	155-160	75-80	25-30	9	155-160	75-80	25-30	9
Temperature Exchange Efficiency (%)		80.0	80.0	85.0	88.0	—	—	—	—
Enthalpy Exchange Efficiency (%)	Heating	71.5	71.5	76.5	81.5	—	—	—	—
	Cooling	71.0	71.0	75.5	81.0	—	—	—	—
SPL (dB) (measured at 1.5m under the center of apanel in an anechoic chamber)		32-32	28.5-29.5	21.5-23	18	32.5-32.5	29.5-30.5	21.5-24	18
Weight (kg)		29							
Starting Current		Under 2.4A							

*The air outlet noise (45° angle,1.5 meters in front of the unit) is about 10dB higher than the indicated value at high fan speed.





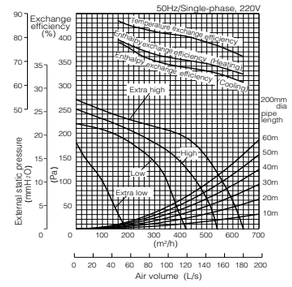


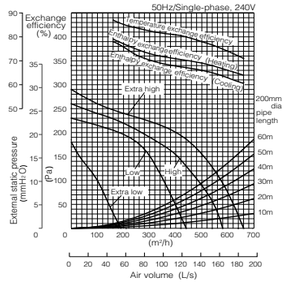
Unit: mm

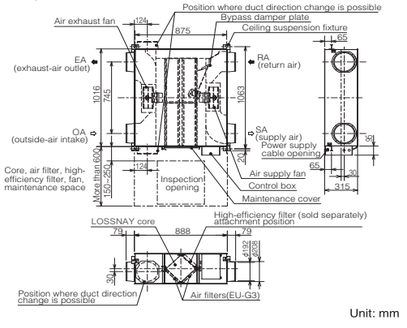
LGH-50RX5-E

Model		LGH-50RX5-E							
Power Supply (V/Phase/Hz)		220-240 / Single / 50							
Ventilation Mode		LOSSNAY ventilation				Bypass ventilation			
Fan Speed		Extra-Hi	Hi	Lo	Extra-Lo	Extra-Hi	Hi	Lo	Extra-Lo
Operating Current (A)		1.2-1.25	1.0-1.0	0.85-0.85	0.4-0.4	1.25-1.25	1.0-1.0	0.85-0.85	0.4-0.4
Power Consumption (W)		255-286	207-228	175-190	80-95	260-290	210-230	180-195	80-95
Air Volume	(m^3/h)	500	500	390	180	500	500	390	180
	(L/s)	139	139	108	50	139	139	108	50
External Static Pressure	(mmH_2O)	15.3-15.8	6.6-9.2	4.1-6.1	1.0	15.3-15.8	6.6-9.2	4.1-6.1	1.0
	(Pa)	150-155	65-90	40-60	10	150-155	65-90	40-60	10
Temperature Exchange Efficiency (%)		78.0	78.0	81.0	86.0	—	—	—	—
Enthalpy exchange efficiency (%)	Heating	69.0	69.0	71.0	78.0	—	—	—	—
	Cooling	66.5	66.5	68.0	77.0	—	—	—	—
SPL (dB) (measured at 1.5m under the center of apanel in an anechoic chamber)		33-34	30.5-32	26.5-28	19	34-35	31-32.5	27-29	19
Weight (kg)		32							
Starting Current		Under 3.0A							

*The air outlet noise (45° angle,1.5 meters in front of the unit) is about 10dB higher than the indicated value at high fan speed.





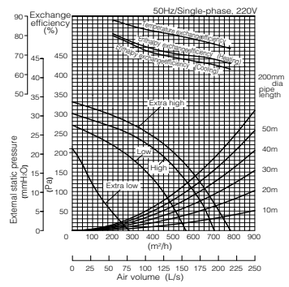


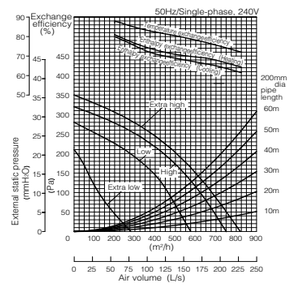
Unit: mm

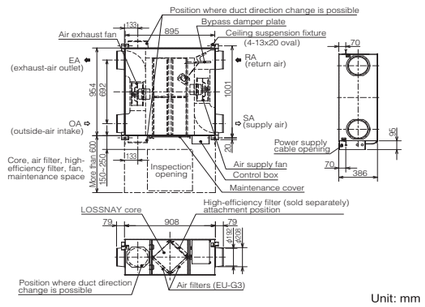
LGH-65RX5-E

Model		LGH-65RX5-E							
Power Supply (V/Phase/Hz)		220-240 / Single / 50							
Ventilation Mode		LOSSNAY ventilation				Bypass ventilation			
Fan Speed		Extra-Hi	Hi	Lo	Extra-Lo	Extra-Hi	Hi	Lo	Extra-Lo
Operating Current (A)		1.7-1.8	1.5-1.5	1.2-1.2	0.6-0.6	1.7-1.8	1.5-1.5	1.2-1.2	0.6-0.6
Power Consumption (W)		350-380	308-322	248-265	120-140	350-385	310-335	250-265	120-140
Air Volume	(m^3/h)	650	650	520	265	650	650	520	265
	(L/s)	181	181	144	74	181	181	144	74
External Static Pressure	(mmH_2O)	11.2-12.2	6.1-8.2	4.1-5.1	0.8	11.2-12.2	6.1-8.2	4.1-5.1	0.8
	(Pa)	110-120	60-80	40-50	8	110-120	60-80	40-50	8
Temperature Exchange Efficiency (%)		77.0	77.0	80.0	86.0	—	—	—	—
Enthalpy exchange efficiency (%)	Heating	68.5	68.5	70.5	78.0	—	—	—	—
	Cooling	66.0	66.0	68.5	77.0	—	—	—	—
SPL (dB) (measured at 1.5m under the center of apanel in an anechoic chamber)		34-34.5	32-33	28.5-31.5	22	34.5-35	32.5-33.5	28.5-30.5	22-22.5
Weight (kg)		40							
Starting Current		Under 4.4A							

*The air outlet noise (45° angle,1.5 meters in front of the unit) is about 10dB higher than the indicated value at high fan speed.





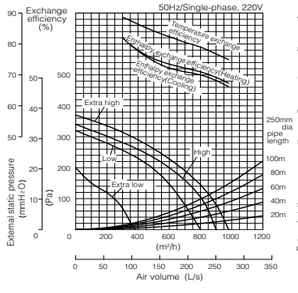


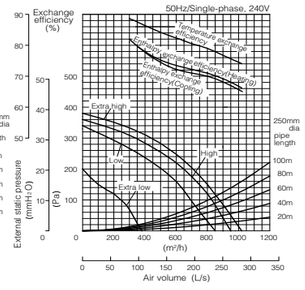
Unit: mm

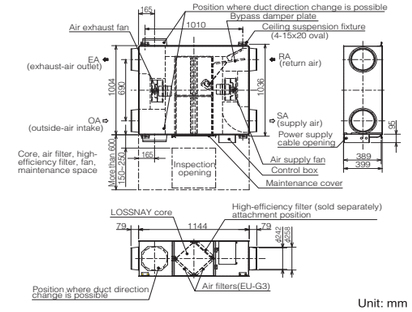
LGH-80RX5-E

Model		LGH-80RX5-E							
Power Supply (V/Phase/Hz)		220-240 / Single / 50							
Ventilation Mode		LOSSNAY ventilation				Bypass ventilation			
Fan Speed		Extra-Hi	Hi	Lo	Extra-Lo	Extra-Hi	Hi	Lo	Extra-Lo
Operating Current (A)		1.75-1.75	1.6-1.6	1.45-1.45	0.60-0.65	1.75-1.75	1.6-1.6	1.45-1.45	0.60-0.65
Power Consumption (W)		380-415	345-370	315-340	125-145	380-415	345-370	315-340	120-145
Air Volume	(m^3/h)	800	800	700	355	800	800	700	355
	(L/s)	222	222	194	99	222	222	194	99
External Static Pressure	(mmH_2O)	14.8-15.3	10.7-12.2	8.2-9.7	2	14.8-15.3	10.7-12.2	8.2-9.7	2
	(Pa)	145-150	105-120	80-95	20	145-150	105-120	80-95	20
Temperature Exchange Efficiency (%)		79.0	79.0	80.5	87.5	—	—	—	—
Enthalpy exchange efficiency (%)	Heating	71.0	71.0	72.5	79.5	—	—	—	—
	Cooling	70.0	70.0	71.5	79.5	—	—	—	—
SPL (dB) (measured at 1.5m under the center of apanel in an anechoic chamber)		33.5-34.5	32-33	30-31	22	34.5-35.5	33-34	31-32	22
Weight (kg)		53							
Starting Current		Under 3.8A							

*The air outlet noise (45° angle,1.5 meters in front of the unit) is about 10dB higher than the indicated value at high fan speed.





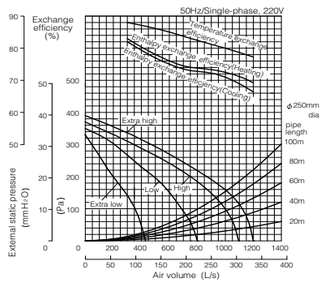


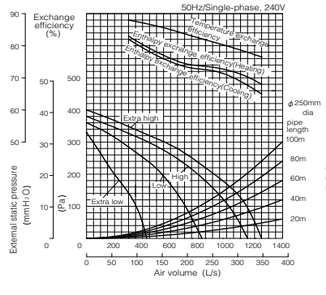
Unit: mm

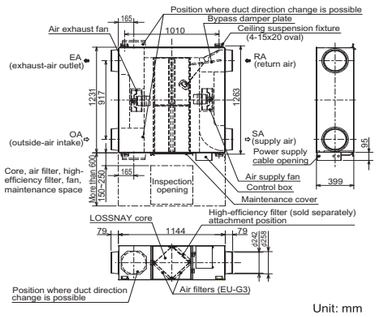
LGH-100RX5-E

Model		LGH-100RX5-E							
Power Supply (V/Phase/Hz)		220-240 / Single / 50							
Ventilation Mode		LOSSNAY ventilation				Bypass ventilation			
Fan Speed		Extra-Hi	High	Lo	Extra-Lo	Extra-Hi	Hi	Lo	Extra-Lo
Operating Current (A)		2.3-2.4	2.1-2.1	1.7-1.7	0.9-0.9	2.3-2.4	2.1-2.1	1.7-1.7	0.9-0.9
Power Consumption (W)		500-535	445-475	350-380	175-200	510-550	460-485	365-395	175-200
Air Volume	(m^3/h)	1000	1000	755	415	1000	1000	755	415
	(L/s)	278	278	210	115	278	278	210	115
External Static Pressure	(mmH_2O)	16.3-17.3	10.2-11.2	5.6-6.1	1.8	16.3-17.3	10.2-11.2	5.6-6.1	1.8
	(Pa)	160-170	100-110	55-60	18	160-170	100-110	55-60	18
Temperature Exchange Efficiency (%)		80.0	80.0	83.0	87.0	—	—	—	—
Enthalpy exchange efficiency (%)	Heating	72.5	72.5	74.0	80.0	—	—	—	—
	Cooling	71.0	71.0	73.0	79.0	—	—	—	—
SPL (dB) (measured at 1.5m under the center of apanel in an anechoic chamber)		36-37	34-35	31-32.5	21-22	37-38	35-36	32-33	21-22
Weight (kg)		59							
Starting Current		Under 4.6A							

*The air outlet noise (45° angle,1.5 meters in front of the unit) is about 10dB higher than the indicated value at high fan speed.





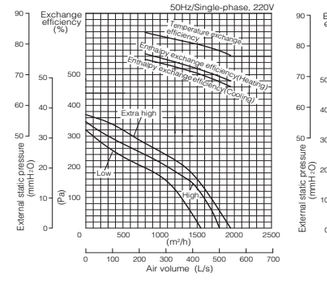


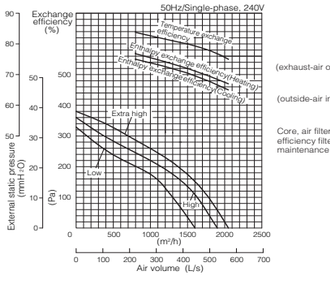
Unit: mm

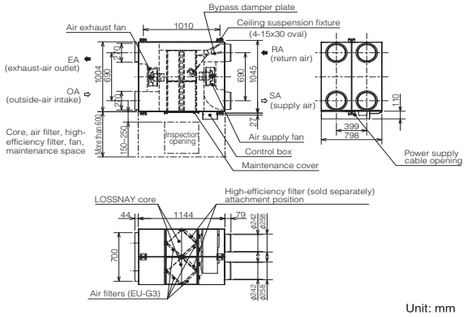
LGH-150RX5-E

Model		LGH-150RX5-E					
Power Supply (V/Phase/Hz)		220-240 / Single / 50					
Ventilation Mode		LOSSNAY ventilation			Bypass ventilation		
Fan Speed		Extra-Hi	Hi	Lo	Extra-Hi	Hi	Lo
Operating Current (A)		3.5-3.5	3.2-3.2	2.9-2.9	3.5-3.5	3.2-3.2	2.9-2.9
Power Consumption (W)		760-830	690-740	630-680	765-835	695-745	635-685
Air Volume	(m^3/h)	1500	1500	1300	1500	1500	1300
	(L/s)	417	417	361	417	417	361
External Static Pressure	(mmH_2O)	16.3-17.8	13.3-13.8	9.7-10.2	16.3-17.8	13.3-13.8	9.7-10.2
	(Pa)	160-175	130-135	95-100	160-175	130-135	95-100
Temperature Exchange Efficiency (%)		80.0	80.0	81.0	—	—	—
Enthalpy exchange efficiency (%)	Heating	72.0	72.0	72.5	—	—	—
	Cooling	70.5	70.5	71.5	—	—	—
SPL (dB) (measured at 1.5m under the center of apanel in an anechoic chamber)		38-39	36-37.5	33.5-35	39-40.5	37.5-39	35.5-37
Weight (kg)		105					
Starting Current		Under 7.3A					

*The air outlet noise (45° angle,1.5 meters in front of the unit) is about 10dB higher than the indicated value at high fan speed.





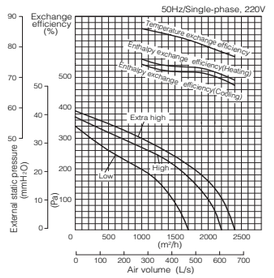


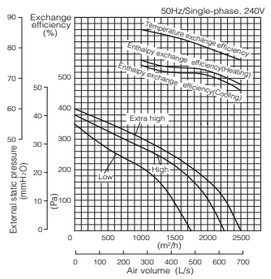
Unit: mm

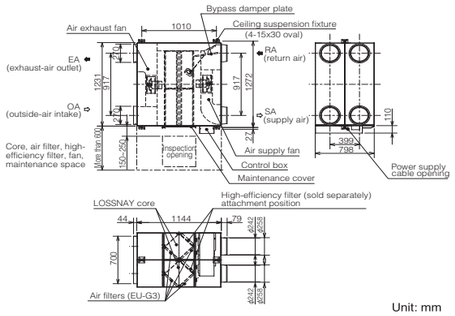
LGH-200RX5-E

Model		LGH-200RX5-E					
Power Supply (V/Phase/Hz)		220-240 / Single / 50					
Ventilation Mode		LOSSNAY ventilation			Bypass ventilation		
Fan Speed		Extra-Hi	Hi	Lo	Extra-Hi	Hi	Lo
Operating Current (A)		4.8-4.8	4.2-4.2	3.4-3.4	4.8-4.8	4.2-4.2	3.4-3.4
Power Consumption (W)		1035-1100	910-980	715-785	1040-1110	915-980	720-785
Air Volume	(m^3/h)	2000	2000	1580	2000	2000	1580
	(L/s)	556	556	439	556	556	439
External Static Pressure	(mmH_2O)	16.3-16.8	10.2-10.7	6.1-6.6	16.3-16.8	10.2-10.7	6.1-6.6
	(Pa)	160-165	100-105	60-65	160-165	100-105	60-65
Temperature Exchange Efficiency (%)		80.0	80.0	83.0	—	—	—
Enthalpy exchange efficiency (%)	Heating	72.5	72.5	73.5	—	—	—
	Cooling	71.0	71.0	72.0	—	—	—
SPL (dB) (measured at 1.5m under the center of apanel in an anechoic chamber)		39.5-40	37-38	32.5-34	40.5-41	38-39	33.5-35
Weight (kg)		118					
Starting Current		Under 11.9A					

*The air outlet noise (45° angle,1.5 meters in front of the unit) is about 10dB higher than the indicated value at high fan speed.





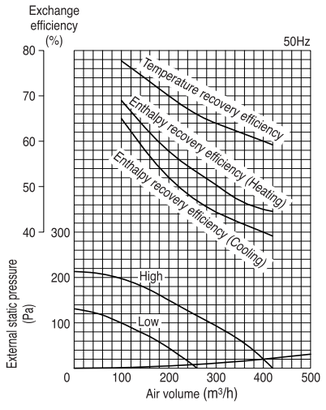


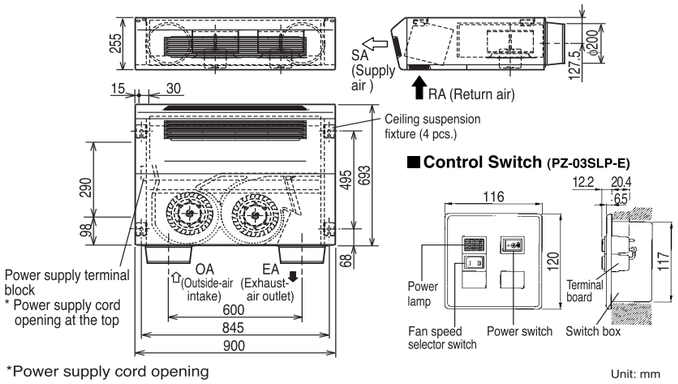
Unit: mm

LGH-40ES-E

Supply Voltage (V)	Power Supply Frequency (Hz)	Fan Speed	Power Consumption (W)	Air Volume (m^3/h)	Air Volume (L/s)	Temperature Recovery Efficiency (%)	Enthalpy Recovery Efficiency (%) Heating	Enthalpy Recovery Efficiency (%) Cooling	Noise (dB(A))	Weight (kg)
1-phase 220~240	50	Hi	132-146	400	111	60	45	40	41-43	25
		Lo	82-95	250	69	66	54	48	32-34	

*The value of noise was measured at an anechoic chamber. it may vary depending on the room structure, building materials or the way the main was installed.

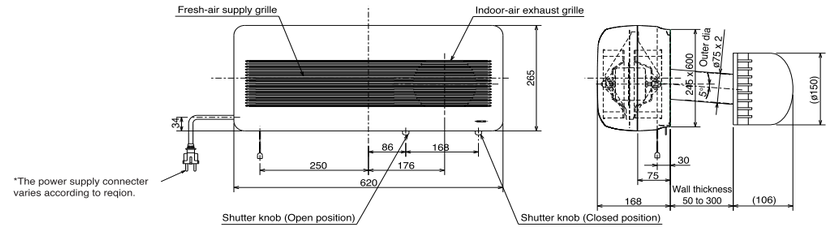


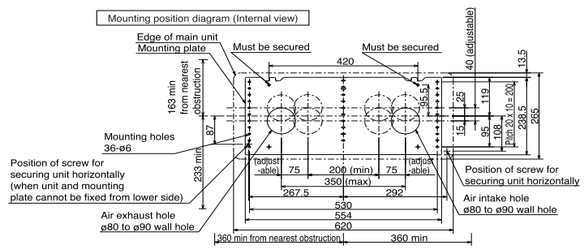


Unit: mm

VL-100U-E

Supply Voltage (V)	Power Supply Frequency (Hz)	Fan Supply	Air Volume (m^3/h)	Power Consumption (W)	Temp.Exchange Efficiency (%)	Noise (dB)	Weight (kg)
220-240	50	Hi	105	26	70	39	6.5
		Lo	65	23	77	29.5	
220	60	Hi	90	26	73	37	
		Lo	50	21	80	26	





Unit: mm

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