

S series



M series



2006

A Guide to All Products 2006

P series



Multi system

 **MITSUBISHI ELECTRIC CORPORATION**
HEAD OFFICE: TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN
<http://Global.MitsubishiElectric.com/>

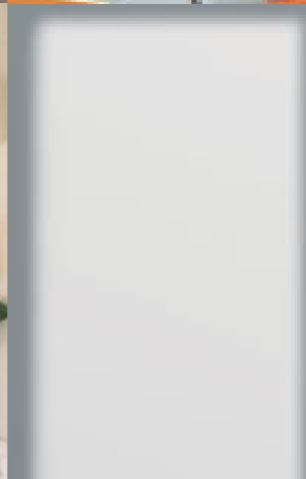




Mitsubishi Electric's Long history proves excellence in air conditioning with the leading-edge technology.

With 50 years experience in developing air conditioner, Mitsubishi Electric's cost effective, energy conscious systems are expertly designed to provide you with constant, comfortable living and working environments.

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Line-up

M series




R410A

INVERTER Models Heat Pump type

Model Name		2.0kW	2.2kW	2.5kW	3.5kW	5.0kW	6.0kW	7.1kW	8.0kW	page
Wall Mounted	MSZ-FA series 			✓ ^H	✓ ^H					P27
	MSZ-GA/GB series 		✓*	✓ ^H	✓ ^H	✓ New Design	✓	✓		P28
	MSZ-HA series 			✓	✓					P30
	MSZ-CB series 		✓*	✓	✓					P31
Compact Floor	MFZ-KA series 			✓ ^H	✓ ^H	✓				P37

H: Outdoor unit with anti-freeze heater is available. * Indoor unit only




FIXED-SPEED Models

Model Name		2.0kW	2.2kW	2.5kW	3.5kW	5.0kW	6.0kW	7.1kW	8.0kW	page	
Wall Mounted	MS(H)-GA series 	Heat Pump	✓		✓	✓	✓	✓		✓	P32
		Cooling Only	✓		✓	✓	✓	✓		✓	P34
	MSH-CB series 	Heat Pump	✓		✓	✓	✓				P36
Two-way Floor / Ceiling	MCF(H)-GA series 	Heat Pump			✓	✓	✓				P38
		Cooling Only			✓	✓	✓				P39

S series

R410A

INVERTER Models Heat Pump type







Model Name		2.0kW	2.2kW	2.5kW	3.5kW	5.0kW	6.0kW	7.1kW	8.0kW	page
2x2 Cassette	SLZ-KA series 			✓	✓	✓				P41
Compact Ceiling Concealed	SEZ-KC series 			✓						P42
	SEZ-KA series 				✓	✓	✓	✓		P42

Multi Series

R410A

Wall Mounted	Floor Standing	Ceiling Suspended	Cassette	Ceiling Concealed
				
				
				
				
				
				

INVERTER Models Heat Pump type

up to 8 indoor units MXZ-8A140VA 14.0kW 	MSZ-FA25/35 MSZ-GA22/25/35 MSZ-GB50, GA60/71	MFZ-KA25/35/50		SLZ-KA25/35/50 PLA-RP35/50/60/71	SEZ-KC25 SEZ-KA35/50/60/71 PEAD-RP50/60/71EA PEAD-RP60/71GA	P75
up to 4 indoor units MXZ-4A80VA 8.0kW 	MSZ-FA25/35 MSZ-GA22/25/35 MSZ-GB50, GA60/71	MFZ-KA25/35/50	PCA-RP50/60/71	SLZ-KA25/35/50 PLA-RP50/60/71	SEZ-KC25 SEZ-KA35/50/60 PEAD-RP50EA PEAD-RP60/71GA	P77
up to 4 indoor units MXZ-4A71VA 7.1kW 	MSZ-FA25/35 MSZ-GA22/25/35 MSZ-GB50, GA60	MFZ-KA25/35/50	PCA-RP50/60	SLZ-KA25/35/50 PLA-RP50/60	SEZ-KC25 SEZ-KA35/50/60 PEAD-RP50EA	P77
up to 3 indoor units MXZ-3A54VA 5.4kW 	MSZ-FA25/35 MSZ-GA22/25/35 MSZ-GB50	MFZ-KA25/35/50	PCA-RP50	SLZ-KA25/35/50 PLA-RP50	SEZ-KC25 SEZ-KA35/50 PEAD-RP50EA	P77
up to 2 indoor units MXZ-2A52VA 5.2kW 	MSZ-FA25/35 MSZ-GA22/25/35	MFZ-KA25/35		SLZ-KA25/35	SEZ-KC25 SEZ-KA35	P77
up to 2 indoor units MXZ-2A40VA 4.0kW 	MSZ-FA25/35 MSZ-GA22/25/35	MFZ-KA25/35		SLZ-KA25/35	SEZ-KC25 SEZ-KA35	P77

FIXED-SPEED Models Cooling Only type

up to 4 indoor units MUX-4A73VB 7.3kW 	MSC-GA25/35					P87
up to 3 indoor units MUX-3A63VB 6.3kW 	MSC-GA20/35					P87
up to 3 indoor units MUX-3A60VB 6.0kW 	MSC-GA25					P87
up to 2 indoor units MUX-2A70VB 7.0kW 	MSC-GA35					P87
up to 2 indoor units MUX-2A59VB 5.9kW 	MSC-GA20/35					P87
up to 2 indoor units MUX-2A28VB 2.8kW 	MSC-GA20					P87



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**	page
		1.6HP	2HP	2.5HP	3HP	4HP	5HP	6HP	8HP	10HP	
4 way Cassette	PLZ-RP series 	✓	✓	✓	✓	✓	✓	✓			P44
Ceiling Concealed	PEDZ-RP EA series 	✓	✓	✓	✓	✓	✓	✓			P45
	PEDZ-RP GA series 			✓	✓	✓					P46
	PEZ-RP series 								✓	✓	P47
Wall mounted	PKZ-RP GAL series 	✓	✓								P48
	PKZ-RP FAL series 		✓	✓	✓	✓					P48
Ceiling Suspend	PCZ-RP GA series 		✓	✓	✓	✓	✓	✓			P49
	PCZ-RP HA series for Professional Kitchen 				✓		✓				P50
Floor Standing	PSZ-RP series 				✓	✓	✓	✓			P51

* 3 phase type is also available for 10.0kW, 12.5kW and 14.0kW class models.
** Only 3 phase type is available for 20.0kW class models.

STANDARD INVERTER Models*

Series Name		3.5kW	5.0kW	6.0kW	7.1kW	10.0kW	12.5kW	14.0kW	20.0kW	25.0kW	page
		1.6HP	2HP	2.5HP	3HP	4HP	5HP	6HP	8HP	10HP	
4 way Cassette	SPLZ/PLZ-P series 	✓	✓	✓	✓	✓	✓	✓			P52
Ceiling Concealed	SPEDZ-EA/PEDZ-P EA series 	✓	✓	✓	✓	✓	✓	✓			P53
	SPEDZ-GA/PEDZ-P GA series 			✓	✓	✓					P54
Wall mounted	PKZ-P FAL series 					✓					P55
Ceiling Suspend	SPCZ/PCZ-P GA series 		✓	✓	✓	✓	✓	✓			P56
	PCZ-P HA series for Professional Kitchen 						✓				P57
Floor Standing	PSZ-P series 					✓	✓	✓			P58

* 1 phase type models Only.

P series



FIXED-SPEED Models

Model Name			7.1kW	10.0kW	12.5kW	14.0kW	20.0kW	25.0kW	page
			3HP	4HP	5HP	6HP	8HP	10HP	
4 way Cassette	PL(H) series 	Heat Pump	✓*	✓*	✓*	✓*			P59
		Cooling Only	✓	✓	✓	✓			P60
Ceiling Concealed	PE(H)D-EA series 	Heat Pump	✓*	✓*	✓*	✓*			P61
		Cooling Only	✓	✓	✓	✓			P62
	PE(H)D-GA series 	Heat Pump	✓	✓					P63
		Cooling Only	✓	✓					P64
	PEH series 	Heat Pump				✓ R407C	✓ R407C		P73
Wall mounted	PK(H)-FAL series 	Heat Pump	✓*	✓*					P65
		Cooling Only	✓	✓					P66
Ceiling Suspended	PC(H)-GA series 	Heat Pump	✓*	✓*	✓*	✓*			P67
		Cooling Only	✓	✓	✓	✓			P68
	PC(H)-HA series for Professional Kitchen 	Heat Pump	✓		✓				P69
		Cooling Only	✓		✓				P70
Floor Standing	PS(H) series 	Heat Pump	✓*	✓*	✓*	✓*			P71
		Cooling Only	✓	✓	✓	✓			P72

* Indoor unit with a booster heater is also available.

Inverter & Energy Saving Technology

Joint Lap DC Motor

(M Series)

Our unique motor, known as "Poki-Poki Motor" in Japan, employs joint lap production technique. Originally developed by Mitsubishi Electric, this motor offers high density and high magnetic force leading to high efficiency and high reliability.



Magnetic Flux Vector Sine Wave Drive

By converting the motor's electrical current waveform from the conventional waveform to a sine wave (180° conduction), this microprocessor raises the motor winding utilization ratio and reduces energy loss for higher efficiency.

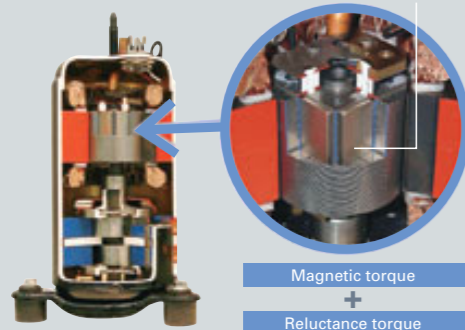
Reluctance DC Rotary Compressor

(PUGH Series)

The reluctance DC motor has a rotor equipped with powerful neodymium magnets. The magnetic torque produced by the neodymium magnets and reluctance torque results in more efficient operation.

DC compressor motor (rotor)

Neodymium magnets



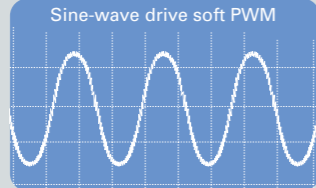
Vector-Wave Eco Inverter

This produces the most efficient waveform in response to varying compressor motor frequency. By improving operating efficiency from low to high speeds, annual electricity costs are reduced.

Smooth wave pattern

Sine-wave drive soft PWM

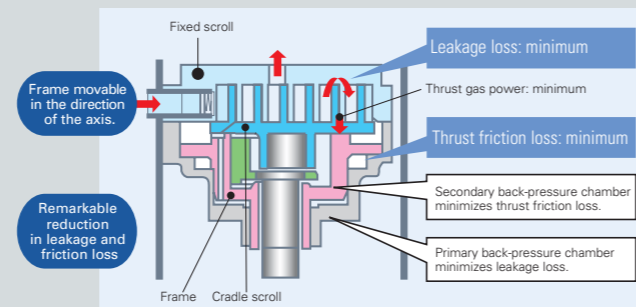
The inverter has been made compact by insert-moulding the circuit pattern in synthetic resin. To ensure quiet operation, soft PWM control is used to prevent the metallic whine associated with conventional inverters.



Highly Efficient DC Scroll Compressor

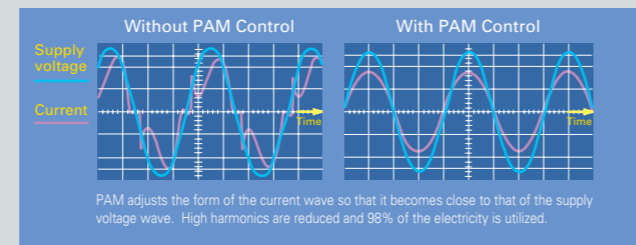
(PUGH Series)

The highly efficient scroll compressor is equipped with a "Frame Compliance Mechanism" that allows movement in the axial direction of the frame supporting the cradle scroll. This greatly reduces both leakage and friction loss, ensuring very high efficiency throughout the speed range.

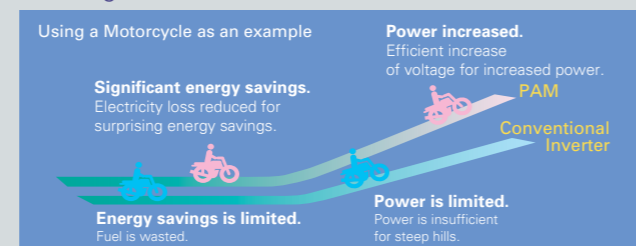


PAM (Pulse Amplitude Modulation)

Electricity can be used efficiently with less loss, if the current wave resembles the supply voltage wave. PAM is a method for controlling the form of the current wave so that it conforms to the supply voltage wave. With PAM control, 98% of input power supply can be effectively used.



This diagram illustrates the merits of PAM Control.



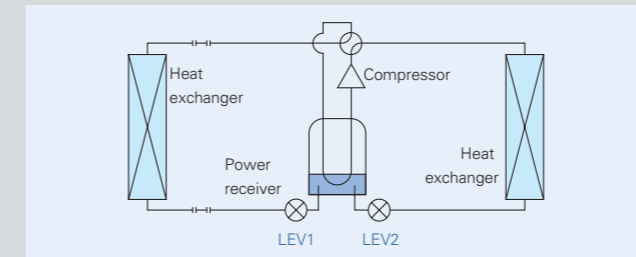
DC Fan Motor

A high-efficiency DC motor drives the fan of the outdoor unit. It offers up to 60% greater efficiency than an equivalent AC motor.

Power Receiver and Twin LEV Control

(PUGH Series)

Mitsubishi Electric has developed a power receiver and twin LEVs (linear expansion valves) that optimise the performance of the compressor. By ensuring optimum control in response to the operating waveform and outdoor temperature, this technology is tailored to the characteristics of the new refrigerant to enhance operating efficiency.



"Econo Cool" Energy-Saving Feature

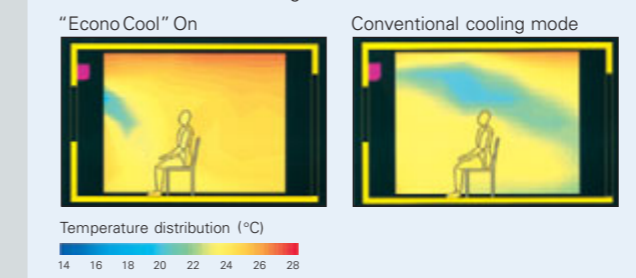
(PUGH Series , M Series)

This intelligent temperature control feature — that adjusts airflow interval to the body depending on air outlet temperature — allows set temperatures to be raised by 2 degrees without any loss in comfort for a 20% gain in energy efficiency. * Available only during manual cooling operation.

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

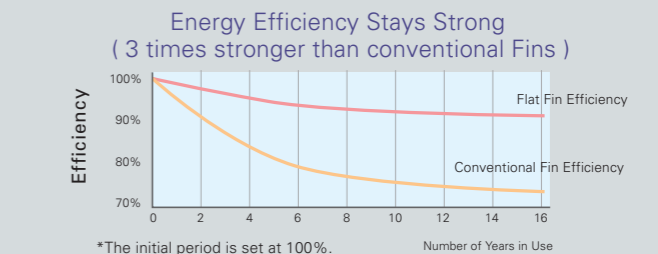
"Econo Cool" mode

Ensures more comfort even when the set temperature is 2°C higher than the conventional cooling mode.



Highly Reliable Flat Fin

Thanks to the flat fin preventing clogging, the initial high energy efficiency is maintained throughout the unit's long lifespan.



Energy Labeling of Air Conditioners

Energy	Air Conditioners	Product
Manufacturer	MITSUBISHI ELECTRIC	
Outdoor unit	ABC 123	Model Name
Indoor unit	ABC 123	Model Name
More efficient	A	Energy Efficiency Class
Less efficient		
Annual energy consumption, kWh in cooling mode	X.Y	Annual Energy Consumption
Cooling output kW	X.Y	Energy Efficiency Ratio
Energy efficiency ratio	X.Y	Higher EER means better energy efficiency.
Type	Cooling only - Cooling + Heating -	Type of Air Conditioner
Heat output kW	X.Y	
Heating performance	A B C D E F G	
Noise		
Further information is contained in product brochures.		
Norm EN 814 Air conditioner Energy Label Directive 2002/31/EC		
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.		

Silent Operation Technology

Indoor Unit

Ultra Silent Indoor Unit Operation

Noise level during normal operation is only 21dB for the new MSZ-FA/GA25, making it one of the quietest indoor units in the industry. Inside the unit, the multi-angled heat exchanger has a modified fin shape that reduces air resistance for a smoother, quieter airflow. The wide fan diameter produces greater airflow at lower fan speeds and the uneven pitch between each fan blade helps to eliminate annoying noise. What's more, the remote controlled vane significantly decreases downward air resistance for much lower noise levels.

Only
21
dB
MSZ-FA/GA25



Quiet 4 way Cassette

Reduced airflow resistance and a redesigned shape of the heat exchanger fin make very quiet operation.

Only
27
dB
PLA-RP35AA



Outdoor Unit

Silent Operation

(PUHZ and Power Multi)

Operation has been made very silent by improvements to the design of the fan blades and the new grille shape. The outdoor unit is even more silent when outside temperature drops as it automatically switches to low-noise mode to reduce operating noise by 3dB.



※ PUHZ-RP125/140: At outdoor temperature of 25°C

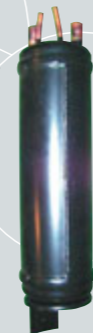
Low-Noise Priority Function

A low-noise priority function is also available by connecting a commercially available timer or a selector switch. When a signal is received from the timer or the switch, the unit runs in low-noise priority mode.

Reduction of Refrigerant Noise

Refrigerant condensed in the condenser of the outdoor unit is heat-exchanged with the low temperature refrigerant inside the accumulator, and subcooled. Doing this way, refrigerant will reach the LEV (Linear Expansion Valve) while keeping the optimum state even when the branch box is installed far from the outdoor unit.

This has enabled to reduce the refrigerant noise at the LEV section, and has optimized the refrigerant distribution to each indoor unit, proving great effectiveness in the installation environment with a large piping loss (pressure loss) due to a long piping length or a large height difference.



Cleaning-Free, Pipe Reuse Technology

1st
in the
Industry!

Q.

In general, why is the reuse of existing pipework not allowed for models with R407C or R410A HFC refrigerant?

A.

This is because existing pipework contains moisture and chloride residue that, when mixed with compressor's ester oil, can result in a chemical reaction. Additionally, refrigerant oil sludge and corrosion within the compressor can clog up the refrigerant circuit.

Mitsubishi Electric's Cleaning-Free Technology

MSZ Series, MXZ Series (except for MXZ-8A140VA), PUHZ-RP35/50/60/71 Features

New HAB Refrigerant Oil

1st
in the
Industry!

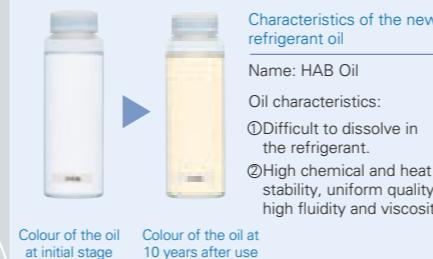
Our Inverter-driven models are the first in the industry to use hard alkyl benzene (HAB) oil — a unique refrigerant oil that degrades very slowly — for refrigeration. Employing our exclusive cleaning-free technologies such as a specially developed high-efficiency oil separator and optimum distribution of heat exchangers to prevent oil stagnation, we have made it possible to reuse previously installed pipeworks.

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

Exclusive Replacement Filter

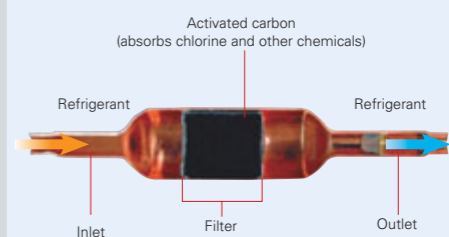
The refrigerant oil (ester oil) used for the 10.0~25.0kw models will degrade when mixed with chemicals such as chloride found in existing pipes. To prevent oil degradation and make it possible to reuse existing pipes, Mitsubishi Electric has developed an exclusive replacement filter that uses activated charcoal to soak up chlorides.

Refrigerant circuit lasts longer with less deterioration using the new HAB refrigerant oil*



*Data taken from our lab: Test results equivalent to 10 years worth of use

Replacement filter (conceptual diagram)



Advantages

- For tenants/owner**
 - Reduces installation time for less disruption of business.
 - Saves installation costs.
- For installer**
 - Installation time is reduced significantly, so you have more time to do other work.
 - Not necessary to find proper pipings for R410A refrigerant.
 - Time-consuming pipe cleaning is not necessary, even if the owner wants to reuse the existing pipework.



Renovating air conditioning communication by advanced MA Remote Controller newly developed

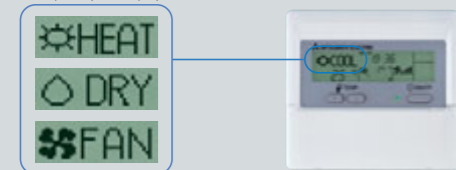
PAR-21MAA

Employment of Dot Liquid Crystal Display

Acknowledging the operation and control status at a glance. The large size display upgrades visual acknowledgement capability. The operation and control status can be understood promptly.

Display example [Operation mode]

Dot liquid crystal display section



Easy-to-read / Easy-to-use

Industry First! Multi-language Display

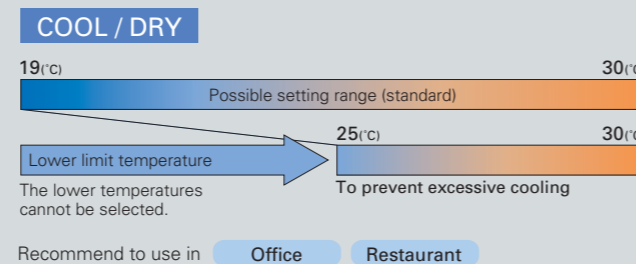
8 languages can be displayed. Display can be switched over for 8 kinds of language.



Effective in energy saving control

Operation Control Function

Limiting the set temperature range
Air conditioning operation always within a limited temperature range



The setting of the upper and lower limit temperature is possible. This prevents excessive cooling and heating leading to contribute in saving energy.

Auto Off timer
Automatic turning off of air conditioning operation

The air conditioning operation can be switched off automatically thus preventing waste operation. The set time can be changed from 30 minutes to 4 hours at 30-minute intervals.

* The "Simple timer" (starts and stops in a unit of one hour within 72 hours) set at factory shipment can be changed to the "Auto off timer" by switching the function of the remote controller.

Recommend to use in **Meeting room**

Operation locking
Preventing the random modification of setting

Setting to invalidate all buttons or the operation other than with ON/OFF button is available. This always assures operation under an adequate temperature preventing the meaningless change of set temperature, leading to effective energy savings. This is also effective to prevent erroneous or mischievous operation.

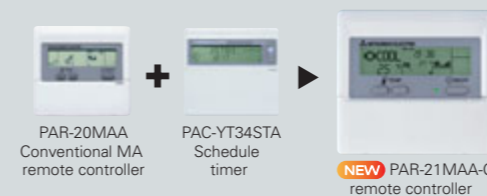
* The change of setting may be limited to the administrator who knows the method to release the locking.

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

Equipped with the Long Awaited Weekly Timer

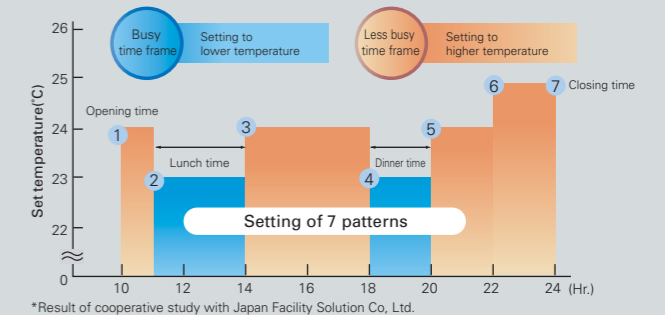
Weekly timer function capable of temperature control

The function of the weekly timer equipped can change the set temperature in addition to the ON/OFF control. Up to 8 patterns can be set for each calendar day.



Economical & Space saving

Setting Example (Restaurant in summer time)



*Result of cooperative study with Japan Facility Solution Co., Ltd.

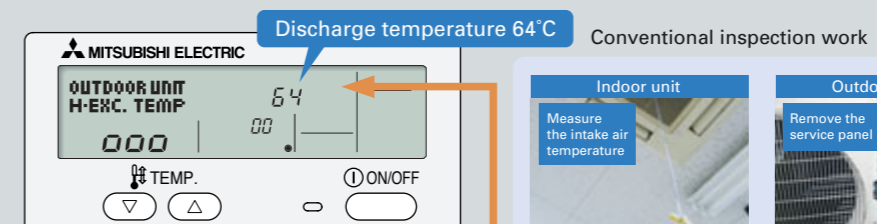
Setting the temperature to "1°C higher in cooling" while "1°C lower in heating" results in about 10% energy saving. *Based on our internal calculation

about 10%* Energy Saving

Easy Maintenance Function (Only for Power Inverter Mr.Slim)



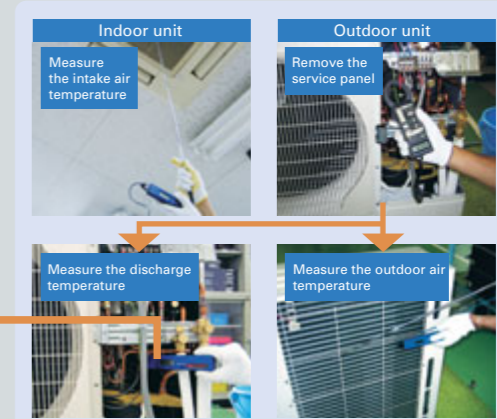
- Reduces maintenance work drastically.
- Enables you to check operation data of the indoor and outdoor units by remote controller. Furthermore, you can fix the operating frequency, from the remote controller for smoother inspection.



Easy maintenance information

Compressor	Outdoor unit	Indoor unit
① Accumulated operating time (x10 hours)	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* (Hours)

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



NEW! Refrigerant Leakage Check (only for PUHZ-RP HA2)



The latest "Power Inverter" Mr. SLIM (PUHZ-RP HA2) has got a new useful "Refrigerant Leakage Check" function. With this function, the refrigerant leakage which may happen during a long period of use can be easily checked with a wired remote controller. Not only time for servicing can be saved, but you also get peace of mind.

SYSTEM CONTROLS

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

[1] For M series Indoor Units (New A-control models only)

	System examples	Connection detail	Control detail	Major optional parts required
1 Wired Remote Control <ul style="list-style-type: none"> Air conditioners can be controlled by wired remote controller equipped with Weekly Timer function. 		Wired remote controller can be connected to indoor unit via interface.	With wired remote controller, operation mode/set temperature/fan speed/vertical air direction*1, and timer operation*2 can be controlled.	<ul style="list-style-type: none"> MAC-397IF-E (Interface) PAR-21MAA-G (Wired remote controller)
2 Centralized Control <ul style="list-style-type: none"> Up to 8 indoor units can be switched ON/OFF with one remote controller. 		Centralized remote controller can be connected to each indoor unit via interface.	Individual ON/OFF and switching OFF at a time is possible with centralized controller. The ON/OFF status of each unit can be confirmed by the LED on the centralized remote controller.	<ul style="list-style-type: none"> MAC-397IF-E (Interface) MAC-821SC-E (Centralized remote controller)
<ul style="list-style-type: none"> Air conditioner can be group controlled with City Multi (M-NET). 		M-NET connection is possible via interface.	Individual ON/OFF and switching OFF at a time is possible. Operation mode, temperature/fan speed/air direction*1 and timer settings*2 can be changed individually.	<ul style="list-style-type: none"> MAC-399IF-E (M-NET Interface) Centralized controller for City Multi, like G50, and power supply unit, etc.
3 Remote ON/OFF Operation <ul style="list-style-type: none"> Air conditioner can be started/stopped remotely. [3] and [4] can be used in combination 		Connect interface to air conditioner and set up a circuit by using the terminal inside the interface locally.	ON/OFF is possible from a distant place	<ul style="list-style-type: none"> MAC-397IF (Interface) Parts for circuit such as relay box, lead wire, etc. (to be purchased locally)
4 Remote Display of Operation Status <ul style="list-style-type: none"> The ON/OFF status of air conditioner can be confirmed remotely. [3] and [4] can be used in combination 		Connect interface to air conditioner and set up a circuit by using the terminal inside the interface locally.	The operation status (ON or OFF) or error signals can be monitored from a distant place.	<ul style="list-style-type: none"> MAC-397IF-E (Interface) Parts for circuit (to be purchased locally/ DC power source needed)
5 Interlocking with LOSSNAY <ul style="list-style-type: none"> LOSSNAY can be operated simultaneously with the indoor unit. 		LOSSNAY can be connected to indoor unit via an interface.	LOSSNAY can be operated simultaneously with the indoor unit.	<ul style="list-style-type: none"> MAC-397IF-E Cable for LOSSNAY connection (to be purchased locally)

For further details, refer to the separate manual.
 *1 Not applicable to the models without air direction control.
 *2 For timer setting, do not use the wireless and wired remote controllers together.

[2] For P series and S series Indoor Units

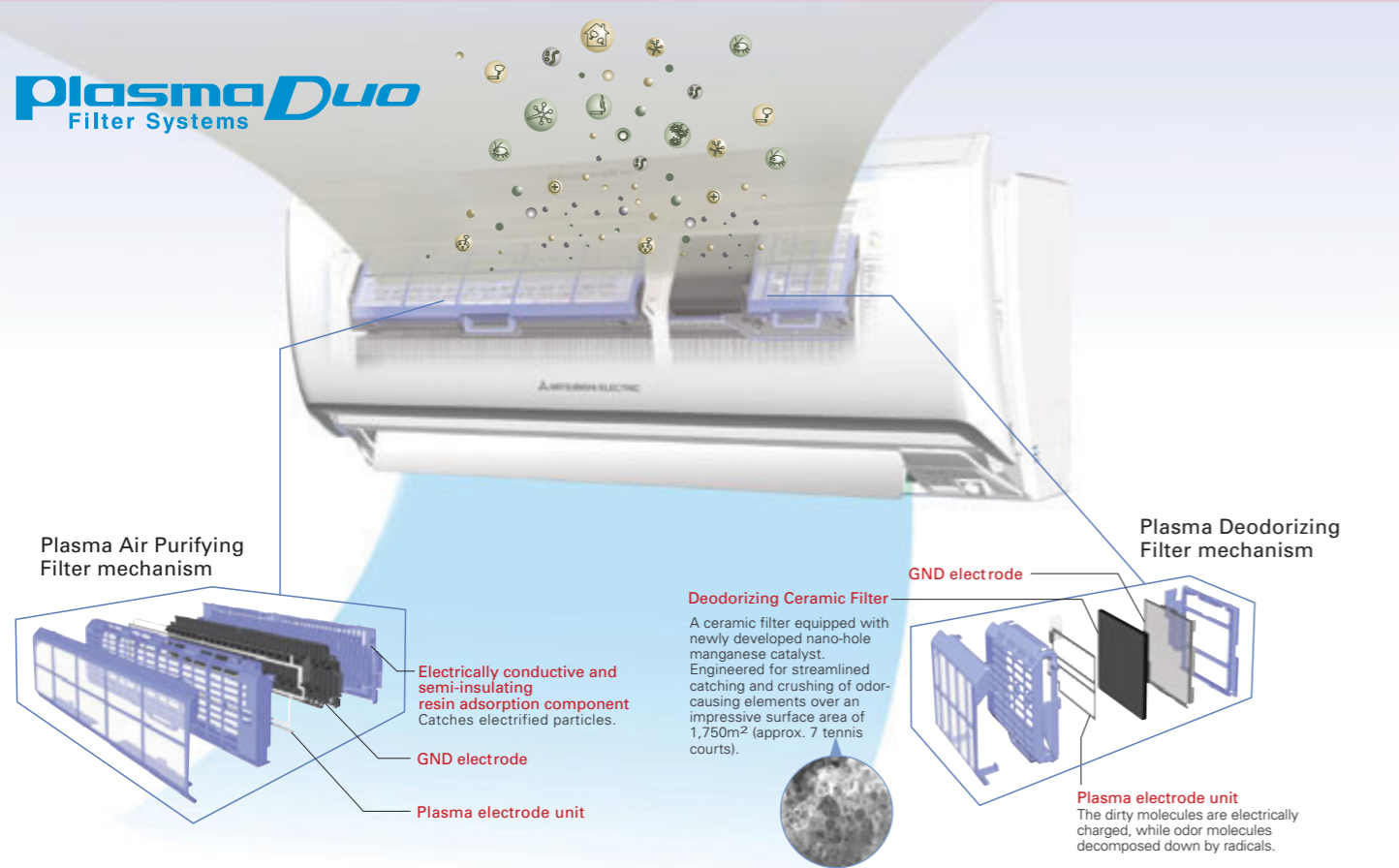
	System examples		Details	Major optional parts required
	Wired remote controller	Wireless remote controller		
A 1-remote controller control Standard System			<ul style="list-style-type: none"> Either wired type or wireless type remote controller can be used. 	None
B 2-remote controller control With 2 remote controllers, control can be performed locally and remotely from 2 spots.			<ul style="list-style-type: none"> Up to 2 remote controllers can be connected to 1 group. Both wired and wireless remote controllers can be used in combination. 	<ul style="list-style-type: none"> Wired Remote Controller PAR-21MAA-G Wired Remote Controller Kit for PKA PAR-21MAAT-E Wireless Remote Controller PAR-SL97A-E Wireless Remote Controller Kit for PCA PAR-SL99B-E
C Group Control One remote controller can control plural air conditioners simultaneously under a same setting. * The setting of the refrigerant address is required for outdoor unit.			<ul style="list-style-type: none"> One remote controller can control up to 16 refrigerant systems. Outdoor unit can be started/stopped (thermostat ON/OFF) individually. Up to 2 remote controllers can be connected. 	<ul style="list-style-type: none"> MAC-397IF-E is required for each indoor unit if the outdoor unit is SUZ or MXZ. (If the outdoor unit is Pseries, no optional parts are required.)
D Operation Control by Level Signal (DC12V) Air conditioner can be started/stopped remotely. In addition, the ON/OFF by local remote controller can be prohibited/permitted.			<ul style="list-style-type: none"> Operation other than ON/OFF (adjustment of temperature, fan speed, and air direction, for example) can be performed even when remote controller operation is prohibited. Timer control is possible with an external timer. 	<ul style="list-style-type: none"> Adapter for remote ON/OFF PAC-SE55RA-E Relay box (to be purchased locally) Remote control panel (to be purchased locally)
E Operation Control by Pulse Signal			<ul style="list-style-type: none"> Operation other than ON/OFF (adjustment of temperature, fan speed, and air direction, for example) can be performed even when remote controller operation is prohibited. Timer control is possible with an external timer. 	<ul style="list-style-type: none"> Adapter for remote ON/OFF PAC-SE55RA-E Relay box (to be purchased locally) Remote control panel (to be purchased locally)
F Remote Display of Operating Status Operating status can be displayed at a distant place.			<ul style="list-style-type: none"> Operation/emergency signal can be received at a distant place (no-voltage signal). 	<ul style="list-style-type: none"> Remote display panel (to be purchased locally) Remote ON/OFF adapter PAC-SE55RA-E Connector cable for remote display PAC-SA88HA-E/ PAC-725AD (10 pcs. x PAC-SA88SA) Remote operation adapter PAC-SF40RM *Unable to use with wireless remote controller Remote display panel (to be purchased locally)
G Timer Operation Allows ON/OFF with timer *For the control by external timer, refer to [D] Operation Control by Level Signal.			<ul style="list-style-type: none"> 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 a unit of one hour. Auto-off timer: Operation will be switched off after elapsing a certain time. 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-G
H Centralized Control Centralized control of dispersed air conditioning equipment allows effective monitoring/controlling.			<ul style="list-style-type: none"> Mounting the adapter for M-NET connection to the outdoor unit allows MELANS (M-NET system) connection. Allows centralized control by MELANS. 	M-NET adapter: PAC-SF80MA-E *If the outdoor unit is SUZ or MXZ, please refer to [1] [2] on page 13
I Interlocking with LOSSNAY LOSSNAY can be controlled with remote controller			<ul style="list-style-type: none"> LOSSNAY can be connected to the indoor unit. 	SLIM-LOSSNAY connection cable

NOTE: TWIN, TRIPLE, QUADRUPLE Operation is possible only in the limited combinations. Please refer to page 90 for details.

FA Series

The Plasma Duo goes beyond just catching the unpleasant odors, and proceeds to powerfully crush them. The all-out pursuit of real air quality.

Cleaning-free,
pipe reuse
Only
21dB
2.5kw class



Maintenance is a snap - just wash these units in water!
To care for both the Plasma Deodorizing Filter and the Plasma Air Purifying Filter, just wash them in water. The deodorizing ceramic filter, meanwhile, is an extended use model, boasting a service life of about 6 years.

Plasma Deodorizing Filter

The newly equipped "Plasma Deodorizing Filter" provides state-of-the-art deodorization-decomposition and elimination of harmful chemical substances at the nanolevel (1/1,000,000 of a millimeter). The key to high power deodorization of the most unpleasant odors*1 in daily life such as ammonia, methyl mercaptan, trimethylamine and hydrogen sulfide.

*1: Not all odor components generated on a continuous basis (building material odors, pet odors) can be removed.

Plasma Air Purifying Filter

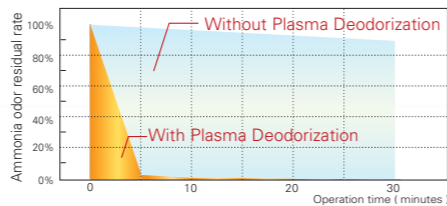
Armed with the "Plasma Air Purifying Filter," which has already built up a solid reputation in Japan, the pollutants in your room air are removed thoroughly than ever before. Besides collection of fine house dust, pollen and other annoying substances, this filter also provides disinfecting and anti-virus effects.*2 Negative ions, with their soothing and relaxing effects, are also generated.

*2: Source: KRCS-Bio study Report No.16 00865 (November 22, 2004)

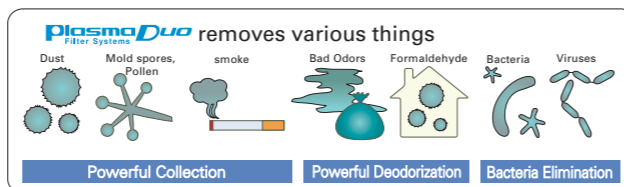
Heating at -20°C

Possible with the models mounted with the anti-freeze heater on the outdoor unit drain pan.

Plasma Deodorization's Effect on Ammonia



Only
2.2wh
consumed
*1.1wh each for Plasma Deodorization and Plasma Air Purification.



i-see Sensor

With our new moving "i see sensor", no temperature gap goes free.

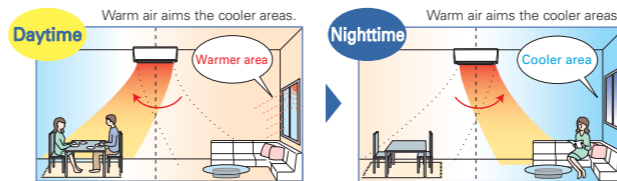
The moving "i see sensor" automatically moves from side to side, searching out temperature disparities over a wide area of 150°. Thanks to this advanced sensing technology, and the wide airflow of 150° from left to right (90° in cooling mode), all corners of even the most spacious rooms are kept comfy.

"Area Setting" – for waste-free, energy-saving heating and cooling.



With the AREA button, efficient, energy-skipping heating and cooling is realized for the target space – the right side, left side or the room as a whole. The sensor also operates only on the selected side.

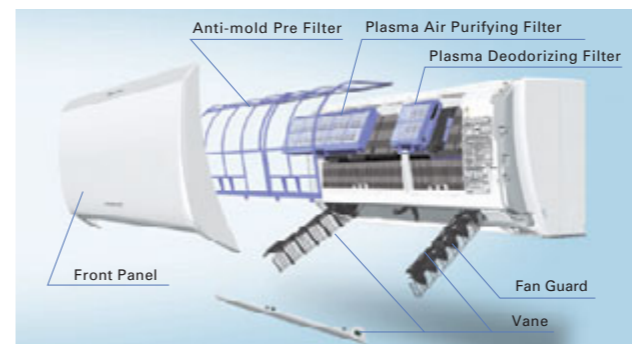
In heating mode (with AREA setting : whole room)



Quick Clean

The easily detachable front panel is a snap to wash, and the airflow vents can be opened without any special tools for quick cleaning inside the air conditioner. It is recommended that the air conditioner be cleaned regularly, to increase operating efficiency and energy savings alike.

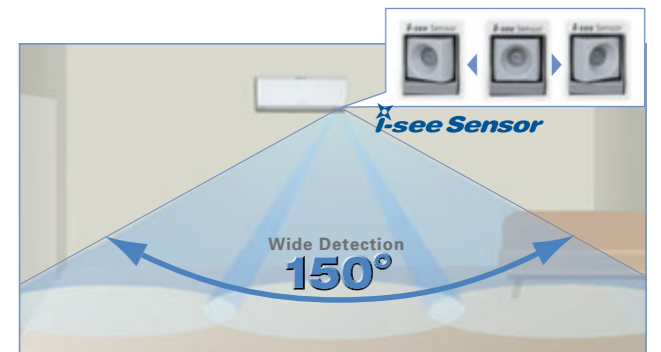
The inner fan is placed within ready reach, for handy cleaning.



Quick Clean Kit is easily connected to household vacuum cleaners*4

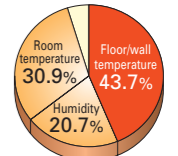
Quick Clean Design slashes your electric bill by approx. 30%*3

*3 Electric bill comparisons of the operation at fixed temperature with 8 g of dirt on the fan and the one without. Based on the in-house data. *4 The wearing of gloves is highly recommended when cleaning the heat exchanger, because touching the heat exchanger with bare hands can cause injury.

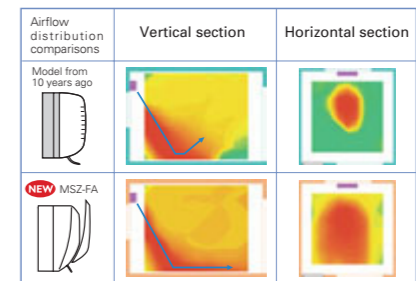


Decisive factors for sensible temperature (in a room)

In order to completely satisfy human thermal sensation, even the floor/wall temperature in addition to the room temperature are measured by our i-see Sensor. This results in more effective cooling and heating with less waste operation.



An improved "horizontal vane," for even more pleasant and refreshing airflow



Advanced airflow control supported by a newly configured horizontal vane enables the warm air to reach the floor level in heating mode. In cooling mode, the vane angle can be kept nearly horizontal, for a pleasant and refreshing feeling that comes out more health conscious all around.

*in heating mode : outdoor temperature 7°C / room size 13.2m²

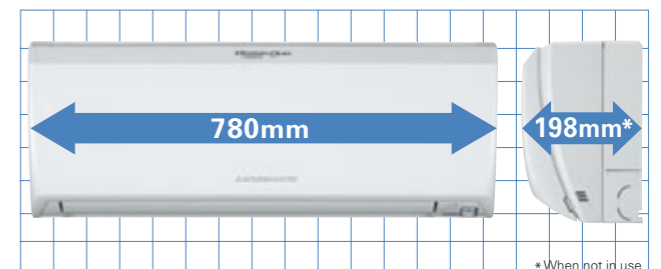
Auto Front Panel

Turning the unit "ON" makes the front panel to open, activating the cooling or heating operation. Switch "OFF" and the panel closes, striking a smart and sleek appearance to the eye.



Compact design, only 780mm wide. Just right for your home interior.

When choosing an air-conditioner, besides the natural yardstick of comfort, interior compatibility is another key choosing point. At Mitsubishi Electric, our highly compact and refined designs provide excellent fits for a vast range of rooms. The "glossy pure white" hue, meanwhile, will accentuate your attractive interior with yet another eye-catching touch.



*When not in use

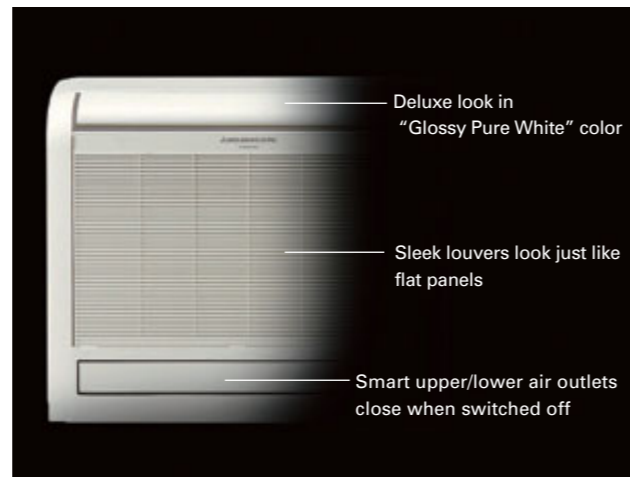
MFZ Series

For your Living Room, or Bed Room.
The latest Mitsubishi innovation – floor standing air-conditioner sophisticated in design, rich in function.



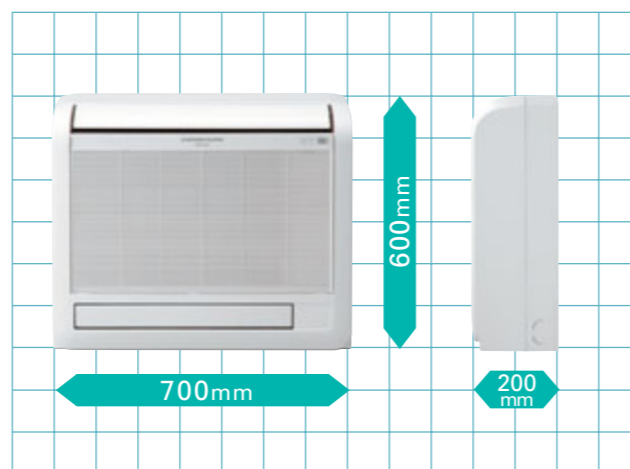
Sophisticated Design

From Mitsubishi Electric, an innovative new floor standing air-conditioner. Our pleasing mix of streamlined form and diversified function. Engineered to keep room walls free, furnish comfy cooling in summer, toasty heating in winter. The "Glossy Pure White" colour ensures a deluxe look, the perfect match for any room. Both upper and lower air outlets remain closed when switched OFF, in a smart and striking image. A superb new air-conditioner from Mitsubishi, providing a handsome fit for your own distinctive interior.



Slim but Mighty

The unit body is slim and trim, the essence in compact. An ideal size for living rooms, bedrooms, attics and more. The removable and washable front panel makes cleaning a snap. Easy and regular cleaning allows your air-conditioner stay beautiful while keeping its energy efficient operation always possible.

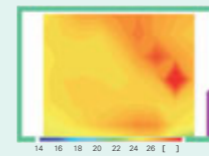


Optimum Air Distribution

Comfy room temperatures are realized by the optimum, powerful and efficient air distribution through upper and lower air outlets. The upper vane angle is remote controllably, with 5 air flow direction levels (+ Swing and Auto modes) and 4 wind power levels (+ Auto mode). By setting the vane angle almost vertical, annoying direct wind can be avoided for your better comfort.



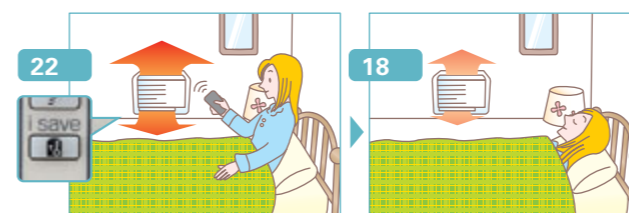
The air from both upper and lower air outlets is optimally controlled and distributed evenly to every corner of the room. In heating mode, the warm air is smartly controlled to stay at the floor level: Your feet do not feel chilled any more!



i save mode

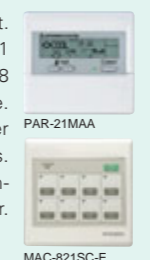


A simplified set back function enables to recall the preferred (preset) temperature with a single push of the button on the remote controller. Press the same button again and you can go back to the previous temperature setting in an instance. When leaving the room, going to bed or at other times, this button helps you to realize the wisest and the most suitable air conditioning. A handy function for comfortable and waste-free environment pursuit, the Mitsubishi way.



Smarter Control, with a Single Remote Controller

Waste-free operation – energy-stingy to the hilt. The optional wired remote controller (PAR-21 MAA)* with "Weekly Timer" function enables 8 separate pattern settings over a single day's time. Use the optional "Centralized ON/OFF Controller (MAC-821SC-E)*" to exercise regulate all rooms. ON/OFF selection and operation status confirmation is possible with a single controller.

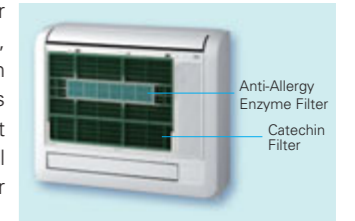


* requires special interface(MAC-397IF-E)

Cleaner and Healthier Air

Catechin + Anti-Allergy Enzyme Filters Achieve deodorization, allergen inactivation,*¹ bacteria elimination*² and antiviral effects.

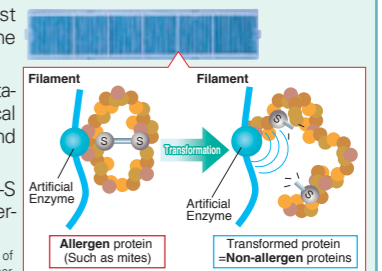
Elevating the pursuit of health-conscious air to unequalled heights. In addition to the "Catechin Filter" with deodorizing effect, the "Anti-Allergy Enzyme Filter" catches dead mites and their droppings, pollen and other allergens on the filter filament, then decomposes them with artificial enzymes*³. What's more, the sterilizing agent generates greater antiviral effects, supporting a cleaner and healthier air supply.



*1 : "Inactivation" refers to curbed activity. *2 : Confirmed by the Japan Spinners Inspecting Foundation. Test numbers JSIF-029220-1/JSIF-029220-2. *3 : Confirmed by Shinshu University.

"Anti-Allergy Enzyme Filter" mechanism

- Artificial enzyme catalyst on the filament catches the allergens.
- The artificial enzyme catalyst helps the chemical reaction with Oxygen and severs the S-S bonds.*⁴
- Proteins with severed S-S bonds are no longer allergen proteins.

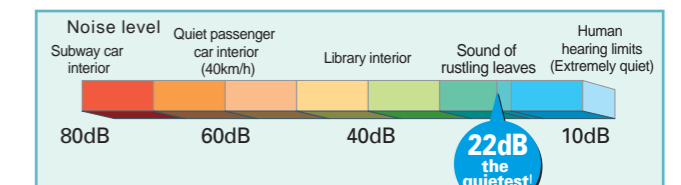


*4 : Mites and other allergen protein consist of sulfur atoms (S) that have bonded together. * It is recommended to soak the filter in water every three months. The standard interval of filter replacement is for one year.

Quiet Operation

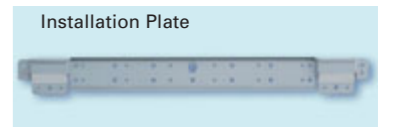
Mitsubishi Electric air conditioners have always been some of the quietest models available in the market. Our new floor standing models are no exception. It can create a silent and comfortable space where the occupants would not even recognize the existence of air conditioner operation.

Only **22dB**
2.5kw class



Trouble-Free Installation and Maintenance

To install the indoor unit, position with our original installation plate, then set the unit place. Easy leveling work prevents any harm to wall surfaces. Generous pipe length, up to 20 or 30 meters, eliminates worries about outdoor unit distance. Loaded with automatic diagnosis function, trouble log recall mode and other sophisticated aids, troubleshooting is immediate though problems are rare.



Power Inverter



Thanks to the new Power Inverter system, a large reduction in power consumption is now possible. This results in one of the highest COP ratings in the industry, helping to lower overall running costs and providing great savings to customers.

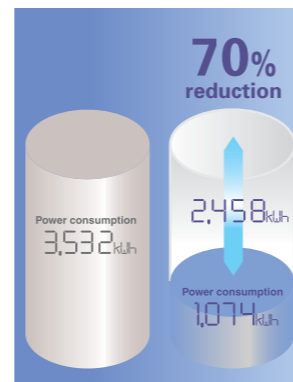


Energy Saving

1. Power Consumption

Based on our calculations on the operating conditions shown below, the new Power Inverter system can reduce power consumption by approximately 70% compared to an old model installed 8 years ago.

Conditions of trial calculation (according to Japan Refrigerant Association)	
Place	Office in Tokyo (Japan)
Operating time	8AM to 8PM (12 hours/day) & 6 days/week
Operating period	Cooling: April 16 ~ November 8 Heating: December 14 ~ March 23
Set temperature	Cooling: 27°C, Heating: 20°C

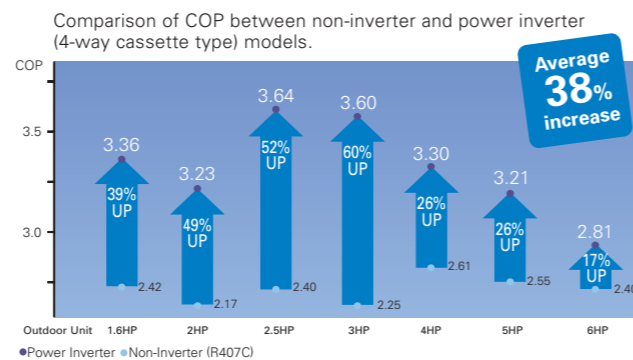


Before replacement: Installed 8 years ago
Model name: PLH-3GKHB/PUH-3YKA
Power consumption: 3,532 kWh

After replacement: Power Inverter
Model name: PLA-RP71AA/PUHZ-RP71VHA
Power consumption: 1,074 kWh

2. COP

The greatly improved COP contributes to reduce your electricity bills drastically.



Higher Cooling & Heating Power

The cooling & heating capacities at the maximum operating speed have also been improved by up to 33% compared to the current model.

	Cooling capacity	
	R407C Non-Inverter	R410A Power Inverter (Maximum capacity)
1.6HP	4.4	4.5 (102%)
2HP	5.3	5.6 (106%)
2.5HP	6.3	6.7 (106%)
3HP	7.7	8.1 (105%)
4HP	9.6	11.4 (119%)
5HP	12.7	14.0 (110%)
6HP	14.2	15.3 (108%)
8HP	20.9	22.4 (107%)
10HP	26.0	28.0 (105%)

3 phase power supply

"Power Inverter" (RP100 - 250YHA)

Dramatic reduction of running current is realized by 3 phase power supply. The special technology is installed in the outdoor unit to comply with the Electro Magnetic Compatibility in Europe.

Running current comparison.

		10kW	12.5kW	14.0kW
3 phase	Rated (cooling)	3.79	4.85	6.49
	Rated (heating)	4.33	5.41	6.37
	Max	13	13	13
	Breaker size	16	16	16
1 phase	Rated (cooling)	12.33	15.8	20.73
	Rated (heating)	13.94	17.5	20.37
	Max	28	28	29.5
	Breaker size	32	32	40

Less than half in the running current and the breaker size !!

Harmonics Filter Technology

We have successfully complied with the EMC regulations (EN61000-3-2, Class-A) first in the industry in the category of 3 phase inverter driven air conditioners requiring less than 16A current input.

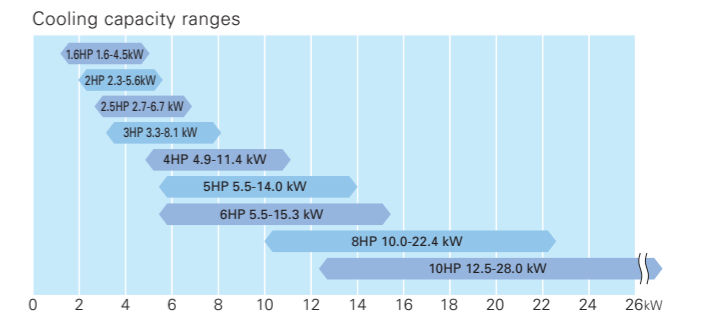


The Other Features

- ✓ -20°C Heating is possible (for RP100/125/140/200/250)
- ✓ Cleaning Free Pipe Reuse.
- ✓ Silent Operation (outdoor unit)

Wider Performance Range

Operation is now possible at lower speeds, thus cutting energy losses produced by the repeated on/off operation of non-inverter models. Comfort is improved while power consumption is reduced.



Longer Piping Length

By additional filling with refrigerant, it is now possible to have pipes up to 120 metres long, making it easier to select a layout to install the unit.

Max Piping Length can be stretched to 120m		
	Max Height difference	Max piping Length
PUHZ-RP35/50	30m	50m
PUHZ-RP60/71	30m	50m
PUHZ-RP100/125/140	30m	75m
PUHZ-RP200/250	40m	120m

Compact top flow models

(20 & 25kW Power Inverter)

Comparison of unit size and space for servicing

	PUH-8YD	New Power Inverter PUHZ-RP200YHA
Unit size	225 kg	198 kg
	Depth 240 mm	Depth Reduced by 240 mm
	Weight 27 kg	Weight Reduced by 27 kg
Space for Servicing	1.97m ²	1.17m ²
	Service space Reduced by 40%	Service space Reduced by 40%

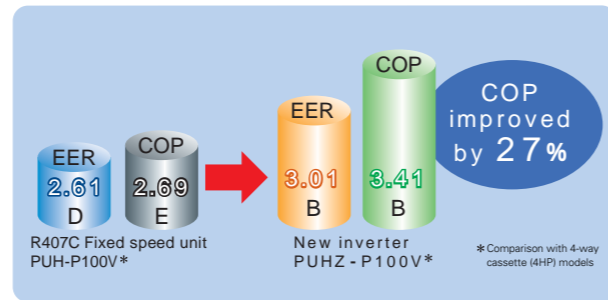
- The other features;
- * Replace filter equipped (to Reuse the existing pipe works)
 - * High efficiency operation
 - * Silent operation (Only 52dB in silent mode: 20.0kW)

Standard Inverter

Our New Inverter Features Energy Saving, Compact Design, Light Weight, and Basic Performances as well.

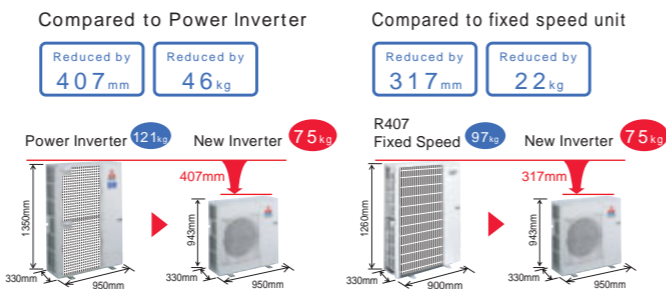


Greater Energy Saving When Compared to Fixed Speed Unit



Easier Installation Work Thanks to Compact and Light Weight Design

The outdoor unit model P100 counts for 943mm only for the height and 75kg for the mass. A significant weight reduction of 46kg has been attained compared to the Power Inverter. The burdening of installation/transportation work can be lightened by the compact design and light weight.



For Easier Installation

Refrigerant piping can be extended up to 50m by charging refrigerant additionally.

	Chargeless piping length	Maximum piping length
P100	20m	50m
P125 / 140	30m	50m

Slenderized piping facilitates installation work
Slender pipe employed provides easier bending work, minimizes working hour and saves materials leading to cost reduction.

	R410A New Inverter	R407C non Inverter
P100 / 125 / 140	9.52 / 15.88	9.52 / 19.05

(Liquid pipe / gas pipe) Unit: mm

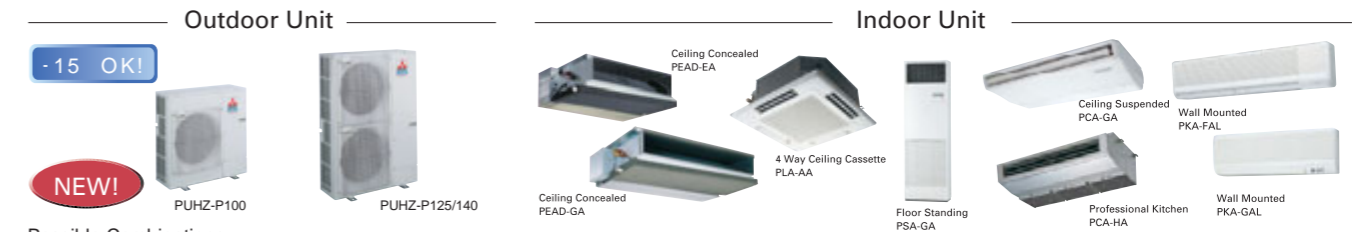
4-way piping connections

Piping can be connected in the direction of front, rear, bottom and right. Dividing the piping cover panel into two portions improves workability of internal piping.

A Product Line of 31 Models in 8 Types Responds to Your Versatile Needs.

NEW!

To meet your interior or space designing, optimum indoor units can be selected from 8 types that include 4-way ceiling cassettes. A combination with different type indoor units in two or three rooms besides 1:1 combination can be constituted thus satisfying various applications.



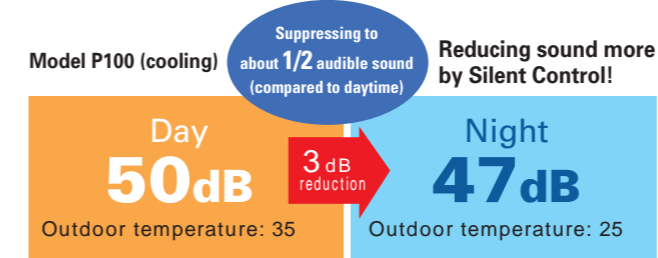
Possible Combinations

Capacity	PEAD-EA	PEAD-GA	PLA-AA	PCA-GA	PCA-HA	PKA-GAL	PKA-FAL	PSA-GA
5.0kW								
6.0kW								
7.1kW								
10.0kW								
12.5kW								
14.0kW								

*50/60/71 models are for Twin & Triple use.

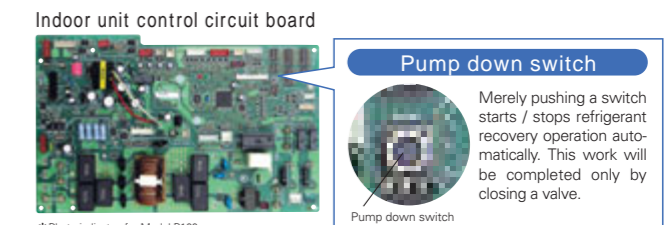
Silent Outdoor Unit

The silent operation of the outdoor unit Model P100 has attained down to 50dB (cooling). Further 3dB can be reduced under the Silent Operation Mode.



Design with Environmental Consideration

New refrigerant R410A with zero ODP (Ozone Depletion Potential) is employed. Smooth refrigerant recovery can be assured by only pushing the pump down switch at unit movement / renewal.



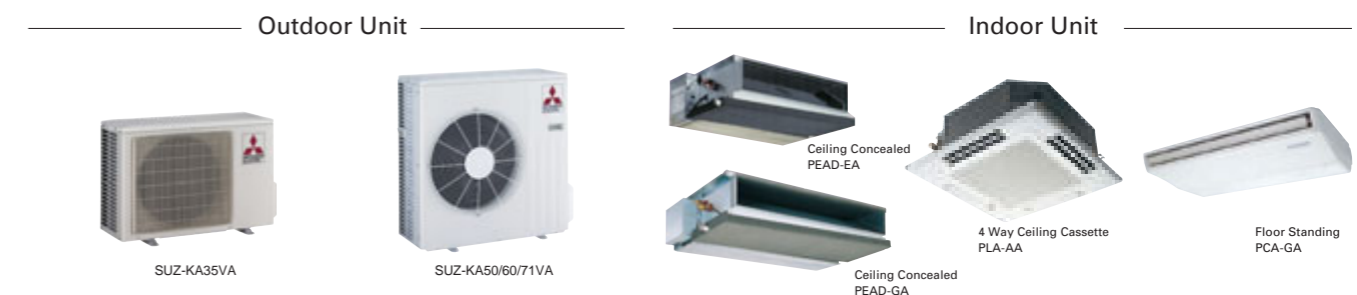
*Photo indicates for Model P100.

Heating Operation Possible Even at -15°C Outside Temperature

Another possibility! Compact S series outdoor unit can now be connected to P series indoor unit as well.

NEW!

S series outdoor unit can be connected not only with SLZ and SEZ but also some P series indoor units. Greater inverter line up satisfies your various requirement.



Possible Combinations

Capacity	SEZ-KA	SLZ-KA	PEAD-EA	PEAD-GA	PLA-AA	PCA-AA
SUZ-KA35						
SUZ-KA50						
SUZ-KA60						
SUZ-KA71						

MXZ series

Our Strengthened MXZ Lineup Provides a Quiet, Highly Efficient and Flexible Air Conditioning System For All Your Air Conditioning Needs

Power Multi MXZ-8A140VA



Advantage of Power Multi System

Flexible Choice of Indoor unit

The Power Multi satisfies all your needs. You can choose an indoor unit optimum for the application, interior and size of your room from the versatile product line of 27 models in 10 types.

High COP

The latest technology obtained through the development of our well-reputed Power Inverter series offers the higher COP, the industry top class.

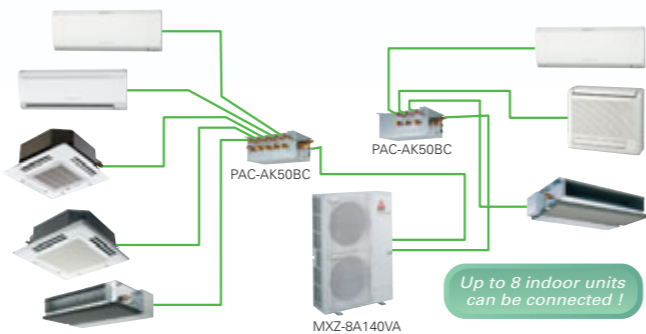
Silent Operation

The Power Multi runs so smooth and quiet, you get comfort without any of the bothersome noise. Under low operating load, the "Low-noise" mode will automatically be selected thus providing more silent operation. Connecting with our latest wall mounted indoor units allows creating a silent and comfortable space where the occupants would not even recognize the existence of air conditioner operation.

Easy Installation

Not only the branch box simplifies the piping work, the flare connection adopted eliminates the use of fire for easier and safer installation.

System Image



SELECTABLE INDOOR MODELS

	2.2kW	2.5kW	3.5kW	5.0kW	6.0kW	7.1kW
Wall Mounted - Deluxe MSZ-FA		✓	✓			
Wall Mounted - Standard MSZ-GA/GB	✓	✓	✓	✓ _{GB}	✓	✓
Compact Floor Standing MFZ-FA		✓	✓	✓		
Ceiling Cassette - 600 x 600mm SLZ-KA		✓	✓	✓		
Ceiling Cassette - Power Cassette PLA-RP			✓	✓	✓	✓
Ceiling Concealed - Compact SEZ-KC/KA		✓	✓	✓	✓	
Ceiling Concealed PEAD-RP EA				✓	✓	✓
Ceiling Concealed - Thin Type PEAD-RP GA					✓	✓



Suggestion for indoor unit selection

- For a large living room, the Ceiling Concealed or the Compact Floor Standing type easily match the fancy interior.
- For a bed room, the Wall Mounted type creates a more silent atmosphere.
- For 600 x 600 system ceiling, the SLZ type facilitates your installation work.
- For a larger meeting room and the like, the PLA type offers the powerful performance.

Features of the Branch Box

Noise Kept to a Minimum

The branch box houses the linear expansion valve (LEV), a valve which coordinates the flow of refrigerant and tends to produce a certain amount of noise. Since the branch box can be positioned in the ceiling or outdoors, it keeps the noise inevitably generated by the linear expansion valve away from living spaces, allowing a comforting silence to prevail.



Brazing Free Quick Installation

All the pipings leading to and from the branch box is connected by way of flare joints. Flare joints are easy to use and connect pipes quickly.

Indoor Installation

The branch box can be installed inside above the ceiling. By only removing the side and bottom covers, you can access the inner parts like the circuit board providing a great convenience in servicing.

Outdoor Installation

Using the optional cover allows you to install the branch box outdoors. There is no need for a maintenance hole in your ceiling.

Smaller MXZ 2, 3 and 4 ports

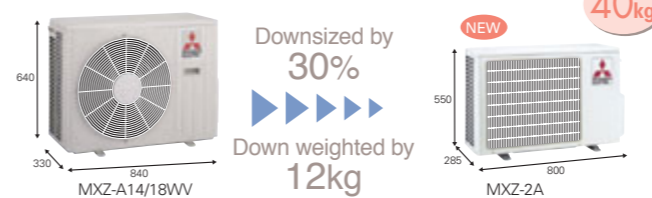


Single Compact Outdoor Unit Saves Space

The MXZ-2A/3A/4A can be connected to maximum of 2, 3 & 4 indoor units, optimizing use of outdoor space and enhancing exterior aesthetics.

Regarding new MXZ-2A, a significant reduction was marked both in the size and the weight thus facilitating installation work.

Compact Outdoor Units



Select from Wide Range of Indoor Units Choose from 12 Types

The key to attractive installation and optimum indoor dimension use. Select the best suited model from 12 types covering 6 capacity ranges: 4 types of wall mounted, 4 types of ceiling concealed, 2 x 2 ceiling cassette, Power Cassette, Compact floor standing and ceiling suspended models.

Silent Operating Sound, the Top class in the Industry

The industry top class silent operation of the indoor and outdoor units neither hinder your comfort nor bother your neighbour. Setting the outdoor unit to the Silent Mode reduces the operating sound by 3~4dB further.

indoor 21dB(MSZ-FA/GA25)
outdoor 43dB*

*MXZ-3A54 in cooling (Silent) mode

Operable under Low Outdoor Temperature

Both cooling and heating operation are possible even in winter with an outdoor temperature of -10°C. Cooling may be useful in pubs and the like crowded in heated atmosphere even in winter.

Function to Fix Operation Mode

Fixing of operation mode can prevent operating in an erroneous mode. Especially convenient in places where many people gather such as in hotels.

Upgraded Installation Ability

Flexibility in selecting installation spaces is upgraded by extending the total piping length to 30~70m, and the height difference to 15m.*

Reuse of existing piping free of cleaning and outdoor unit power supply minimize installation time required.

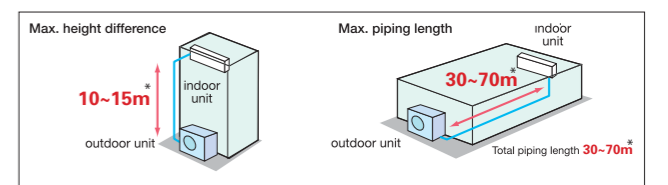
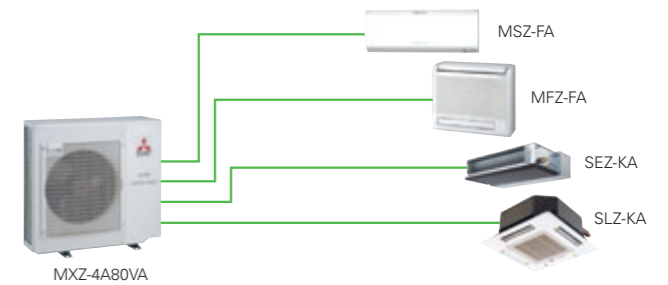
* Reduced to 10m when installing outdoor unit higher than indoor unit
* MXZ-4A80VA : 10m

SELECTABLE INDOOR MODELS

	2.2kW	2.5kW	3.5kW	5.0kW	6.0kW	7.1kW
Wall Mounted - Deluxe MSZ-FA		✓	✓			
Wall Mounted - Standard MSZ-GA/GB	✓	✓	✓	✓ _{GB}	✓	✓
Wall Mounted - Standard MSZ-CB		✓*	✓*			
Compact Floor Standing MFZ-FA		✓	✓	✓		
Ceiling Cassette - 600 x 600mm SLZ-KA		✓	✓	✓		
Ceiling Cassette - Power Cassette PLA-RP				✓	✓	✓
Ceiling Concealed - Compact SEZ-KC/KA		✓ _{KC}	✓	✓	✓	
Ceiling Concealed PEAD-RP EA				✓		
Ceiling Concealed - Thin Type PEAD-RP GA					✓	✓
Ceiling Suspended PCA-RP				✓	✓	✓

*MSZ-CB: only for MXZ-2A/3A
NOTE: (1) MXZ-2A: Indoor units up to 3.5kW size can be connected.
(2) MXZ-3A54: Indoor units up to 5.0kW size can be connected.
(3) MXZ-4A71: Indoor units up to 6.0kW size can be connected. (Except for PEAD-RP60GA)
(4) MXZ-4A80: Indoor units up to 7.1kW size can be connected.

System Image (example of MXZ-4A80VA system)



*The maximum possible piping length/height differ among each model.

Icons

Energy Saving

DC Inverter	PAM control	EER A	COP A
i-see Sensor	AREA setting	Econo Cool	'I FEEL' Control

Comfort

Super Quiet : Only 21 dB	Quiet operation	Vertical Air flow	Auto Vane
Swing (vertical vane)	Swing (horizontal vane)	Wide & Long Airflow	
High Ceiling Air Flow Setting	72 Patterns Air Flow	4 Notch Fan Speed	2 Notch Fan Speed
Hot Start			

Fresh Air

Plasma Duo Filter Systems	Lossnay Connectable	Fresh Air Intake
Anti-Allergy Enzyme Filter	Catechin Filter	Anti-Mold Air Cleaning Filter
Deodorizing Filter	Long Life Filter	Air Cleaning Filter
High Efficiency Filter (Option)	Filter Check Signal	

Design

Auto Front Panel	Flat Panel	Glossy Pure White	Only 270mm in Height
Suitable for 2 x 2 Ceiling (600 x 600mm)	Compact Size		

Convenience

24-hour Timer	i save Mode	Weekly Timer (8 patterns/day x 7 days)	New PAR-21MAA Connectable
Centralized On/Off Control	M-NET Connection	System (Group) Control is possible	Simultaneous Multiple Unit Operation
Auto Change Over	Auto Restart	Wide Cooling Temperature Range	Low Temperature Cooling
Heating at -20°C is possible	Heating at -10°C is possible		

Installation & Maintenance

Cleaning Free Pipe Reuse	Reuse of Existing Wiring	In/Out Separate Power Supply	Easy Installation with an Installation Plate
Easy & Simple Flare Connection	Long-Length Piping	120M Pipe Run	75M Pipe Run
MXZ Connectable	Easy Maintenance Function	Self-Diagnosis Function	Failure Recall Function
Quick Clean Body	Corner Pocket for Maintenance	Anti Mold Drain Pan	Drain Water Lift Up Pump



M series

MSZ-FA series

R410A DC Inverter HEAT PUMP

Indoor Unit

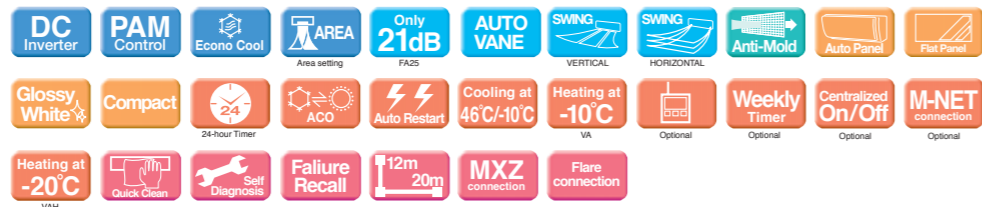


EER A COP A



Plasma Duo Filter Systems
i-see Sensor

Outdoor Unit



Wall mounted Type Specifications

Type		Inverter Heat Pump					
Model Name		MSZ-FA25VA	MSZ-FA25VAH	MSZ-FA35VA	MSZ-FA35VAH		
Indoor Unit		MSZ-FA25VA	MSZ-FA25VAH	MSZ-FA35VA	MSZ-FA35VAH		
Outdoor Unit		MUZ-FA25VA	MUZ-FA25VAH	MUZ-FA35VA	MUZ-FA35VAH		
Power Supply [V, Phase, Hz, Source]		230, Single, 50, outdoor power supply					
Cooling	Capacity	Rated	2.5	2.5	3.5	3.5	
		Min - Max	0.9 - 3.2	0.9 - 3.2	1.0 - 4.1	1.0 - 4.1	
	Total Input	Rated	0.595	0.595	0.935	0.935	
	EER		4.20	4.20	3.74	3.74	
		EEL Rank	A	A	A	A	
	SPL	IN [Low-Mid-High-SH]*1	dB(A)	21 - 29 - 36 - 42	21 - 29 - 36 - 42	22 - 29 - 36 - 42	22 - 29 - 36 - 42
OUT		dB(A)	46	46	47	47	
Air Volume	IN [Low-SH]*1	m ³ /min	4.2 - 9.9	4.2 - 9.9	4.3 - 9.9	4.3 - 9.9	
Heating	Capacity	Rated	3.2	3.2	4.0	4.0	
		Min - Max	0.9 - 5.0	0.9 - 5.0	0.9 - 6.0	0.9 - 6.0	
	Total Input	Rated	0.735	0.735	0.995	0.995	
	COP		4.35	4.35	4.02	4.02	
		EEL Rank	A	A	A	A	
	SPL	IN [Low-Mid-High-SH]*1	dB(A)	21 - 29 - 36 - 42	21 - 29 - 36 - 42	22 - 29 - 36 - 42	22 - 29 - 36 - 42
OUT		dB(A)	46	46	48	48	
Air Volume	IN [Low-SH]*1	m ³ /min	4.4 - 10.2	4.4 - 10.2	4.6 - 10.2	4.6 - 10.2	
Max. Running Current	A	6.5	6.5	9.5	9.5		
Indoor	Input	Rated	W	33	33	33	
		Dimensions	Height	mm	298	298	298
	Width	mm	780	780	780	780	
		Depth	mm	198	198	198	198
Weight	kg	10	10	10	10		
Outdoor	Dimensions	Height	mm	550	550	550	
		Width	mm	800	800	800	
		Depth	mm	285	285	285	
	Weight	kg	33	33	37	37	
Ext. Piping	Diameter	Liquid / Gas ()	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
	Max. Length / Max. Height	m	20 / 12	20 / 12	20 / 12	20 / 12	
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	
	Heating	°C	-10 ~ +24	-20 ~ +24	-10 ~ +24	-20 ~ +24	

*1SHi: Super High

MSZ-GA series

R410A DC Inverter HEAT PUMP

Indoor Unit



EER A COP A



Outdoor Unit



Wall mounted Type Specifications

Type		Inverter Heat Pump					
Model Name		MSZ-GA22VA	MSZ-GA25VA	MSZ-GA25VAH	MSZ-GA35VA	MSZ-GA35VAH	
Indoor Unit		MSZ-GA22VA	MSZ-GA25VA	MSZ-GA25VAH	MSZ-GA35VA	MSZ-GA35VAH	
Outdoor Unit		N/A*2	MUZ-GA25VA	MUZ-GA25VAH	MUZ-GA35VA	MUZ-GA35VAH	
Power Supply [V, Phase, Hz, Source]		230, Single, 50, outdoor power supply					
Cooling	Capacity	Rated	2.5	2.5	3.5	3.5	
		Min - Max	-	0.9 - 3.0	0.9 - 3.0	1.0 - 3.9	1.0 - 3.9
	Total Input	Rated	0.64	0.64	1.08	1.08	
	EER		-	3.91	3.91	3.24	3.24
		EEL Rank	-	A	A	A	A
	SPL	IN [Low-Mid-High-SH]*1	dB(A)	-	21 - 29 - 36 - 43	21 - 29 - 36 - 43	22 - 29 - 36 - 43
OUT		dB(A)	-	46	46	47	47
Air Volume	IN [Low-SH]*1	m ³ /min	-	3.9 - 10.0	3.9 - 10.0	4.1 - 10.0	4.1 - 10.0
Heating	Capacity	Rated	-	3.2	3.2	4.0	4.0
		Min - Max	-	0.9 - 4.5	0.9 - 4.5	0.9 - 5.0	0.9 - 5.0
	Total Input	Rated	0.76	0.76	1.055	1.055	
	COP		-	4.21	4.21	3.79	3.79
		EEL Rank	-	A	A	A	A
	SPL	IN [Low-Mid-High-SH]*1	dB(A)	-	21 - 29 - 36 - 43	21 - 29 - 36 - 43	22 - 29 - 36 - 43
OUT		dB(A)	-	46	46	48	48
Air Volume	IN [Low-SH]*1	m ³ /min	-	4.3 - 10.5	4.3 - 10.5	4.5 - 10.5	4.5 - 10.5
Max. Running Current	A	0.3	5.5	5.5	6.5	6.5	
Indoor	Input	Rated	W	33	33	33	
		Dimensions	Height	mm	298	298	298
	Width	mm	780	780	780	780	
		Depth	mm	210	210	210	210
Weight	kg	9	9	9	9		
Outdoor	Dimensions	Height	mm	-	550	550	550
		Width	mm	-	800	800	800
		Depth	mm	-	285	285	285
	Weight	kg	-	31	31	33	33
Ext. Piping	Diameter	Liquid / Gas ()	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
	Max. Length / Max. Height	m	-	20 / 12	20 / 12	20 / 12	20 / 12
Guaranteed Operating Range [Outdoor]	Cooling	°C	-	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46
	Heating	°C	-	-10 ~ +24	-20 ~ +24	-10 ~ +24	-20 ~ +24

*1SHi: Super High

*2MSZ-GA22VA is for MXZ connection only.

MSZ-GA/GBseries

R410A

DC Inverter

HEAT PUMP

Indoor Unit



MSZ-GB50

Cleaning-free,
pipe reuse

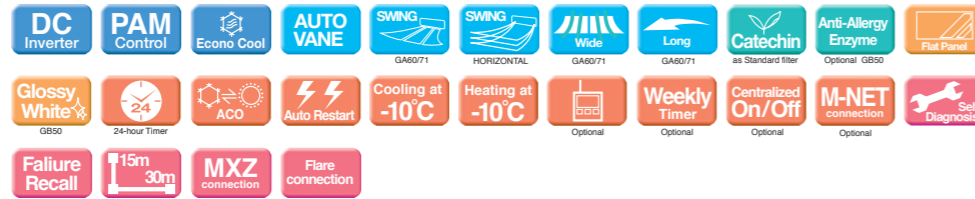
Outdoor Unit



MSZ-GA60/71



Remote Controller



Wall mounted Type Specifications

Type		Inverter Heat Pump					
Model Name		MSZ-GB50VA	MSZ-GA60VA	MSZ-GA71VA			
Indoor Unit		MSZ-GB50VA	MSZ-GA60VA	MSZ-GA71VA			
Outdoor Unit		MUZ-GB50VA	MUZ-GA60VA	MUZ-GA71VA			
Power Supply [V, Phase, Hz, Source]		230, Single, 50, outdoor power supply					
Cooling	Capacity	Rated	kW	5.0	6.0	7.1	
		Min - Max	kW	0.9 - 5.8	0.9 - 6.7	0.9 - 8.3	
	Total Input	Rated	kW	1.650	1.93	2.42	
	EER			3.03	3.11	2.93	
	SPL	EEL Rank			B	B	C
			IN [Low-Mid-High]	dB(A)	32 - 38 - 44 - 48(SHi)*	32 - 40 - 54	33 - 40 - 54
Air Volume	OUT		dB(A)	52	53	53	
		IN [Low-High]	m ³ /min	6.9 - 10.9(SHi)*	8.7 - 17.2	9.4 - 17.2	
Heating	Capacity	Rated	kW	5.8	6.8	8.1	
		Min - Max	kW	0.9 - 7.8	0.9 - 8.1	0.9 - 9.6	
	Total Input	Rated	kW	1.70	1.94	2.45	
	COP			3.41	3.51	3.31	
	SPL	EEL Rank			B	B	C
			IN [Low-Mid-High]	dB(A)	30 - 36 - 42 - 48 (SHi)*	32 - 40 - 54	33 - 40 - 54
Air Volume	OUT		dB(A)	55	55	55	
		IN [Low-High]	m ³ /min	6.9 - 10.9 (SHi)*	8.7 - 17.2	9.4 - 17.2	
Max. Running Current		A		16	16	16	
Indoor	Input	Rated	W	40	60	60	
		Dimensions	Height	mm	298	325	325
	Weight	Width	mm	780	1,100	1,100	
		Depth	mm	210	258	258	
Outdoor	Dimensions	Height	mm	850	850	850	
		Width	mm	840	840	840	
	Weight	Depth	mm	330	330	330	
		Weight	kg	53	53	58	
Ext. Piping	Diameter	Liquid / Gas ()	mm	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88	
	Max. Length / Max. Height		m	30 / 15	30 / 15	30 / 15	
Guaranteed Operating Range [Outdoor]	Cooling		°C	-10 ~ +43	-10 ~ +43	-10 ~ +43	
		Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	

* SHi: Super High

MSZ-HA series

R410A

DC Inverter

HEAT PUMP

Indoor Unit



Cleaning-free,
pipe reuse

Outdoor Unit



Remote Controller



Wall mounted Type Specifications

Type		Inverter Heat Pump				
Model Name		MSZ-HA25VA		MSZ-HA35VA		
Indoor Unit		MSZ-HA25VA		MSZ-HA35VA		
Outdoor Unit		MUZ-HA25VA		MUZ-HA35VA		
Power Supply [V, Phase, Hz, Source]		230, Single, 50, outdoor power supply				
Cooling	Capacity	Rated	kW	2.5	3.15	
		Min - Max	kW	0.9 - 3.0	1.0 - 3.7	
	Total Input	Rated	kW	0.785	1.045	
	EER			3.18	3.01	
	SPL	EEL Rank			B	B
			IN [Low-SHi]	dB(A)	26 - 43	26 - 43
Air Volume	OUT		dB(A)	46	47	
		IN [Low-SHi]	m ³ /min	5.3 - 10.5	5.3 - 10.5	
Heating	Capacity	Rated	kW	3.2	3.6	
		Min - Max	kW	0.9 - 4.4	0.9 - 4.8	
	Total Input	Rated	kW	0.945	1.07	
	COP			3.39	3.36	
	SPL	EEL Rank			C	C
			IN [Low-SHi]	dB(A)	26 - 43	26 - 43
Air Volume	OUT		dB(A)	46	48	
		IN [Low-SHi]	m ³ /min	5.1 - 11.0	5.1 - 11.0	
Max. Running Current		A		5.5	6.5	
Indoor	Input	Rated	W	23	23	
		Dimensions	Height	mm	295	295
	Weight	Width	mm	788	788	
		Depth	mm	225	225	
Outdoor	Dimensions	Height	mm	550	550	
		Width	mm	800	800	
	Weight	Depth	mm	285	285	
		Weight	kg	31	33	
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	
	Max. Length / Max. Height		m	10 / 5	10 / 5	
Guaranteed Operating Range [Outdoor]	Cooling		°C	+18 ~ +43	+18 ~ +43	
		Heating	°C	-10 ~ +24	-10 ~ +24	

* SHi : Super High

MSZ-CB series

R410A DC Inverter HEAT PUMP

Indoor Unit



EER A COP A Cleaning-free pipe reuse

Outdoor Unit



- DC Inverter, PAM Control, Econo Cool, Only 21dB CB2S, AUTO VANE, SWING HORIZONTAL, Catechin as Standard filter, Anti-Allergy Enzyme Optional, Flat Panel, Glossy White, Compact, 24-hour Timer, ACO, Auto Restart, Cooling at 46°C/10°C, Heating at -10°C, Weekly Timer Optional, Centralized On/Off Optional, M-NET connection Optional, Quick Clean, Self Diagnosis, Failure Recall, 12m/20m MXZ connection, Flare connection

Wall mounted Type Specifications

Type		Inverter Heat Pump			
Model Name		MSZ-CB22VA	MSZ-CB25VA	MSZ-CB35VA	
Indoor Unit		MSZ-CB22VA	MSZ-CB25VA	MSZ-CB35VA	
Outdoor Unit		N/A*2	MUZ-GA25VA	MUZ-GA35VA	
Power Supply [V, Phase, Hz, Source]		230, Single, 50, outdoor power supply			
Cooling	Capacity	Rated	2.5		3.5
		Min - Max	0.9 - 3.0		1.0 - 3.9
	Total Input	Rated	0.64		1.08
	EER	Rated	3.91		3.24
		EEL Rank	A		A
	SPL	IN [Low-Mid-High-SHi*1]	21 - 29 - 36 - 43		22 - 29 - 36 - 43
OUT		46		47	
Air Volume	IN [Low-SHi*1]	3.9 - 10.0		4.1 - 10.0	
Heating	Capacity	Rated	3.2		4.0
		Min - Max	0.9 - 4.5		0.9 - 5.0
	Total Input	Rated	0.76		1.055
	COP	Rated	4.21		3.79
		EEL Rank	A		A
	SPL	IN [Low-Mid-High-SHi*1]	21 - 29 - 36 - 43		22 - 29 - 36 - 43
OUT		46		48	
Air Volume	IN [Low-SHi*1]	4.3 - 10.5		4.5 - 10.5	
Max. Running Current		A	0.3	5.5	6.5
Indoor	Input	Rated	33		33
		Dimensions	Height	298	
	Width	780		780	
		Depth	210		210
Weight	9		9		
Outdoor	Dimensions	Height	550		
		Width	800		
		Depth	285		
	Weight	31		33	
Ext. Piping	Diameter	Liquid / Gas ()	6.35 / 9.52		
	Max. Length / Max. Height	m	20 / 12		
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46		
	Heating	°C	-10 ~ +24		

*1Shi: Super High
*2MSZ-CB22VA is for MXZ connection only.

MSH-GA series

R410A HEAT PUMP

Indoor Unit



EER A COP A

Outdoor Unit



- Econo Cool, AUTO VANE, SWING HORIZONTAL, Catechin as Standard filter, Air-Cleaning Optional, Flat Panel, Glossy White, Compact, 24-hour Timer, Auto Restart, Self Diagnosis, 10m/20m GA202S, 10m/25m GA3S, MXZ connection, MXZ-A1418WV, Flare connection

Wall mounted Type Specifications

Type		Fixed-Speed Heat Pump			
Model Name		MSH-GA20VB	MSH-GA25VB	MSH-GA35VB	
Indoor Unit		MSC-GA20VB	MSC-GA25VB	MSC-GA35VB	
Outdoor Unit		MUH-GA20VB	MUH-GA25VB	MUH-GA35VB	
Power Supply [V, Phase, Hz, Source]		230, Single, 50, indoor/outdoor separate power supply			
Cooling	Capacity	Rated	2.3		2.65
		Min - Max	-		-
	Total Input	Rated	0.715		0.82
	EER	Rated	3.22		3.21
		EEL Rank	A		A
	SPL	IN [Low-Mid-High]	25 - 31 - 36		25 - 31 - 36
OUT		47		49	
Air Volume	IN [High]	7.9		9.7	
Heating	Capacity	Rated	2.5		3.0
		Min - Max	-		-
	Total Input	Rated	0.69		1.02
	COP	Rated	3.62		3.66
		EEL Rank	A		A
	SPL	IN [Low-Mid-High]	25 - 31 - 36		25 - 32 - 39
OUT		47		49	
Air Volume	IN [High]	8.5		10.1	
Max. Running Current		A	5.7	6.1	7.7
Indoor	Input	Rated	35		40
		Dimensions	Height	278	
	Width	815		815	
		Depth	244		244
Weight	9		10		
Outdoor	Dimensions	Height	550		
		Width	800		
		Depth	285		
	Weight	29		35	
Ext. Piping	Diameter	Liquid / Gas ()	6.35 / 9.52		
	Max. Length / Max. Height	m	20 / 10		
Guaranteed Operating Range [Outdoor]	Cooling	°C	+21 ~ +43		
	Heating	°C	-10 ~ +24		

MSH-GA series

R410A

HEAT PUMP

Indoor Unit



Outdoor Unit



Wall mounted Type Specifications

Type		Fixed-Speed Heat Pump					
Model Name		MSH-GA50VB	MSH-GA60VB	MSH-GA80VB			
Indoor Unit		MSH-GA50VB		MSH-GA80VB			
Outdoor Unit		MUH-GA50VB		MUH-GA80VB			
Power Supply [V, Phase, Hz, Source]		230, Single, 50, indoor/outdoor separate power supply					
Cooling	Capacity	Rated	kW	5.0	6.3	8.5	
		Min - Max	kW	-	-	-	
	Total Input	Rated	kW	1.78	2.41	3.26	
	EER	Rated		2.81	2.61	2.61	
		EEL Rank		C	D	D	
	SPL	IN [Low-Mid-High]	dB(A)	34 - 38 - 42	37 - 41 - 45	37 - 42 - 47	
OUT		dB(A)	52	53	55		
Air Volume	IN [High]	m ³ /min	12.8	12.8	15.9		
Heating	Capacity	Rated	kW	5.2	7.2	9.4	
		Min - Max	kW	-	-	-	
	Total Input	Rated	kW	1.61	2.48	3.43	
	COP	Rated		3.23	2.90	2.74	
		EEL Rank		C	D	E	
	SPL	IN [Low-Mid-High]	dB(A)	34 - 38 - 42	34 - 41 - 45	37 - 42 - 47	
OUT		dB(A)	52	53	55		
Air Volume	IN [High]	m ³ /min	12.8	12.8	15.9		
Max. Running Current		A	12.9	16.5	22.9		
Indoor	Input	Rated	W	60	60	69	
		Dimensions		Height	mm	325	325
			Width	mm	1,100	1,100	1,100
			Depth	mm	258	258	258
Weight		kg	16	16	16		
Outdoor	Dimensions	Height	mm	605	850	850	
		Width	mm	850	840	840	
		Depth	mm	290	330	330	
	Weight	kg	47	74	77		
Ext. Piping	Diameter	Liquid / Gas ()	mm	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88	
	Max. Length / Max. Height		m	25 / 10	25 / 10	30 / 15	
Guaranteed Operating Range [Outdoor]	Cooling	°C	+21 ~ +43	+21 ~ +43	+21 ~ +43		
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24		

MS-GA series

R410A

Cooling Only

Indoor Unit



EER A
GA20/25

Outdoor Unit



Wall mounted Type Specifications

Type		Fixed-Speed Cooling Only					
Model Name		MS-GA20VB	MS-GA25VB	MS-GA35VB			
Indoor Unit		MSC-GA20VB		MSC-GA35VB			
Outdoor Unit		MU-GA20VB		MU-GA35VB			
Power Supply [V, Phase, Hz, Source]		230, Single, 50, indoor/outdoor separate power supply					
Cooling	Capacity	Rated	kW	2.3	2.5	3.45	
		Min - Max	kW	-	-	-	
	Total Input	Rated	kW	0.715	0.775	1.12	
	EER	Rated		3.22	3.23	3.08	
		EEL Rank		A	A	B	
	SPL	IN [Low-Mid-High]	dB(A)	25 - 31 - 36	25 - 31 - 36	26 - 33 - 40	
OUT		dB(A)	45	45	49		
Air Volume	IN [High]	m ³ /min	7.9	7.9	9.7		
Heating	Capacity	Rated	kW	-	-	-	
		Min - Max	kW	-	-	-	
	Total Input	Rated	kW	-	-	-	
	COP	Rated		-	-	-	
		EEL Rank		-	-	-	
	SPL	IN [Low-Mid-High]	dB(A)	-	-	-	
OUT		dB(A)	-	-	-		
Air Volume	IN [High]	m ³ /min	-	-	-		
Max. Running Current		A	5.7	5.6	8.3		
Indoor	Input	Rated	W	35	35	40	
		Dimensions		Height	mm	278	278
			Width	mm	815	815	815
			Depth	mm	244	244	244
Weight		kg	9	9	10		
Outdoor	Dimensions	Height	mm	550	550	550	
		Width	mm	800	800	800	
		Depth	mm	285	285	285	
	Weight	kg	27	27	30		
Ext. Piping	Diameter	Liquid / Gas ()	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	
	Max. Length / Max. Height		m	20 / 10	20 / 10	25 / 10	
Guaranteed Operating Range [Outdoor]	Cooling	°C	+21 ~ +43	+21 ~ +43	+21 ~ +43		
	Heating	°C	-	-	-		

MS-GA series

R410A

Cooling Only

Indoor Unit



Outdoor Unit



Wall mounted Type Specifications

Type		Fixed-Speed Cooling Only				
Model Name		MS-GA50VB	MS-GA60VB	MS-GA80VB		
Indoor Unit		MS-GA50VB	MS-GA60VB	MS-GA80VB		
Outdoor Unit		MU-GA50VB	MU-GA60VB	MU-GA80VB		
Power Supply [V, Phase, Hz, Source]		230, Single, 50, indoor/outdoor separate power supply				
Cooling	Capacity	Rated	kW	5.0	6.5	8.5
		Min - Max	kW	-	-	-
	Total Input	Rated	kW	1.81	2.48	3.26
	EER	Rated		2.76	2.62	2.61
		EEL Rank		D	D	D
	SPL	IN [Low-Mid-High]	dB(A)	34 - 38 - 42	37 - 41 - 45	37 - 42 - 47
OUT		dB(A)	52	53	55	
Air Volume	IN [High]	m ³ /min	12.8	12.8	15.9	
Heating	Capacity	Rated	kW	-	-	-
		Min - Max	kW	-	-	-
	Total Input	Rated	kW	-	-	-
	COP	Rated		-	-	-
		EEL Rank		-	-	-
	SPL	IN [Low-Mid-High]	dB(A)	-	-	-
OUT		dB(A)	-	-	-	
Air Volume	IN [High]	m ³ /min	-	-	-	
Max. Running Current		A	13.2	16.9	22.6	
Indoor	Input	Rated	W	60	60	69
		Dimensions	Height	mm	325	325
	Width	mm	1,100	1,100	1,100	
		Depth	mm	258	258	258
Weight	kg	16	16	16		
Outdoor	Dimensions	Height	mm	605	605	850
		Width	mm	850	850	840
		Depth	mm	290	290	330
	Weight	kg	44	60	75	
Ext. Piping	Diameter	Liquid / Gas ()	mm	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88
	Max. Length / Max. Height	m	25 / 10	25 / 10	30 / 15	
Guaranteed Operating Range [Outdoor]	Cooling	°C	+21 ~ +43	+21 ~ +43	+21 ~ +43	
	Heating	°C	-	-	-	

MSH-CB series

R410A

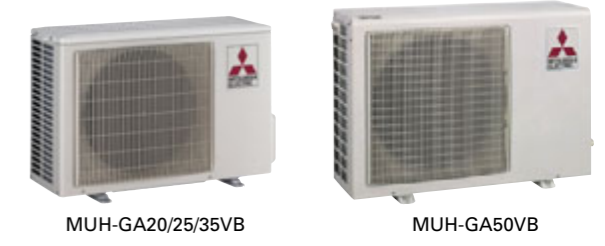
HEAT PUMP

Indoor Unit



MSH-CB20/25/35VB

Outdoor Unit



Wall mounted Type Specifications

Type		Fixed-Speed Heat Pump					
Model Name		MSH-CB20VB	MSH-CB25VB	MSH-CB35VB	MSH-CB50VB		
Indoor Unit		MSC-CB20VB	MSC-CB25VB	MSC-CB35VB	MSC-CB50VB		
Outdoor Unit		MUH-GA20VB	MUH-GA25VB	MUH-GA35VB	MUH-GA50VB		
Power Supply [V, Phase, Hz, Source]		230, Single, 50, indoor/outdoor separate power supply					
Cooling	Capacity	Rated	kW	2.3	2.65	3.5	5.0
		Min - Max	kW	-	-	-	-
	Total Input	Rated	kW	0.715	0.82	1.09	1.78
	EER	Rated		3.22	3.23	3.21	2.81
		EEL Rank		A	A	A	C
	SPL	IN [Low-Mid-High]	dB(A)	25 - 31 - 36	25 - 31 - 36	26 - 33 - 40	34 - 38 - 42
OUT		dB(A)	47	49	49	52	
Air Volume	IN [High]	m ³ /min	7.9	7.9	9.7	12.8	
Heating	Capacity	Rated	kW	2.5	3.0	3.7	5.2
		Min - Max	kW	-	-	-	-
	Total Input	Rated	kW	0.69	0.82	1.02	1.61
	COP	Rated		3.62	3.66	3.63	3.23
		EEL Rank		A	A	A	C
	SPL	IN [Low-Mid-High]	dB(A)	25 - 31 - 36	25 - 32 - 39	26 - 33 - 39	34 - 38 - 42
OUT		dB(A)	47	49	49	52	
Air Volume	IN [High]	m ³ /min	8.5	9.8	10.1	12.8	
Max. Running Current		A	5.7	6.1	7.7	12.9	
Indoor	Input	Rated	W	35	35	40	60
		Dimensions	Height	mm	278	278	278
	Width	mm	815	815	815	1,100	
		Depth	mm	244	244	244	258
Weight	kg	9	9	10	16		
Outdoor	Dimensions	Height	mm	550	550	550	605
		Width	mm	800	800	800	850
		Depth	mm	285	285	285	290
	Weight	kg	29	30	35	47	
Ext. Piping	Diameter	Liquid / Gas ()	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
	Max. Length / Max. Height	m	20 / 10	20 / 10	25 / 10	25 / 10	
Guaranteed Operating Range [Outdoor]	Cooling	°C	+21 ~ +43	+21 ~ +43	+21 ~ +43	+21 ~ +43	
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	

MFZ-KA series

R410A DC Inverter HEAT PUMP

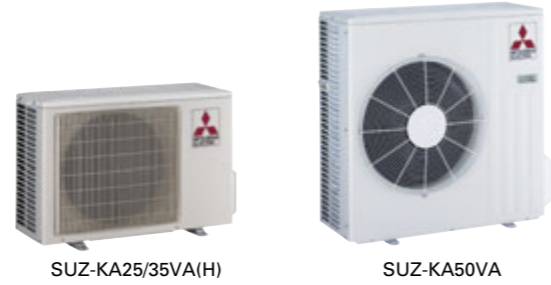
Indoor Unit



EER A COP A
KA25/35 KA25/35

Cleaning-free pipe reuse

Outdoor Unit

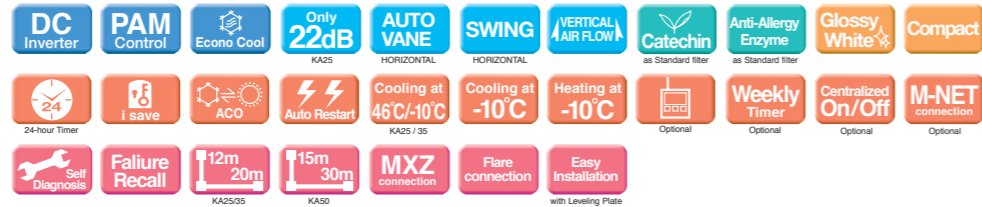


SUZ-KA25/35VA(H)

SUZ-KA50VA



Remote Controller



Compact Floor Standing Type Specifications

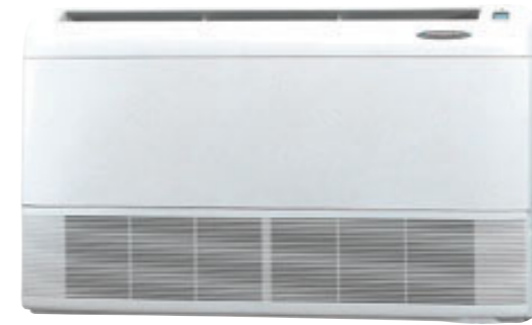
Type		Inverter Heat Pump						
Model Name		MFZ-KA25VA	MFZ-KA25VAH	MFZ-KA35VA	MFZ-KA35VAH	MFZ-KA50VA		
Indoor Unit		MFZ-KA25VA	MFZ-KA25VAH	MFZ-KA35VA	MFZ-KA35VAH	MFZ-KA50VA		
Outdoor Unit		SUZ-KA25VA	SUZ-KA25VAH	SUZ-KA35VA	SUZ-KA35VAH	SUZ-KA50VA		
Power Supply [V, Phase, Hz, Source]		230, Single, 50, outdoor power supply						
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	Rated		4.31	4.31	3.21	3.21	3.10
		EEL Rank		A	A	A	A	B
	SPL	IN [Low-Mid-High-SHi]	dB(A)	22 - 27 - 32 - 37	22 - 27 - 32 - 37	23 - 28 - 33 - 38	23 - 28 - 33 - 38	32 - 35 - 39 - 43
OUT		dB(A)	46	46	47	47	53	
Air Volume	IN [Low-SHi*1]	m ³ /min	4.8 - 8.7	4.8 - 8.7	5.0 - 9.1	5.0 - 9.1	7.1 - 10.7	
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	1.10	1.10	1.86
	COP	Rated		4.07	4.07	3.64	3.64	3.23
		EEL Rank		A	A	A	A	C
	SPL	IN [Low-Mid-High-SHi]	dB(A)	22 - 27 - 32 - 37	22 - 27 - 32 - 37	25 - 28 - 33 - 38	25 - 28 - 33 - 38	32 - 35 - 39 - 44
OUT		dB(A)	46	46	48	48	55	
Air Volume	IN [Low-SHi*1]	m ³ /min	5.0 - 9.1	5.0 - 9.1	5.2 - 9.5	5.2 - 9.5	7.4 - 11.8	
Max. Running Current		A	9.2	9.2	10.3	10.3	17.8	
Indoor	Input	Rated	W	25	25	25	25	25
		Dimensions	Height	mm	600	600	600	600
	Width	mm	700	700	700	700	700	
		Depth	mm	200	200	200	200	200
	Weight	kg	14	14	14	14	14	
Outdoor	Dimensions	Height	mm	550	550	550	550	850
		Width	mm	800	800	800	800	840
		Depth	mm	285	285	285	285	330
	Weight	kg	33	33	37	37	53	
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 / Max. Height	m	20 / 12	20 / 12	20 / 12	20 / 12	30 / 15	
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +43	
	Heating	°C	-10 ~ +24	-20 ~ +24	-10 ~ +24	-20 ~ +24	-10 ~ +24	

*1SHi: Super High

MCFH-GA series

R410A HEAT PUMP

Indoor Unit



COP A
GA35

Outdoor Unit



MUCFH-GA35VB

MUCFH-GA50VB

MUCFH-GA60VB



Remote Controller



Two-way Floor Standing and Ceiling suspended Type Specifications

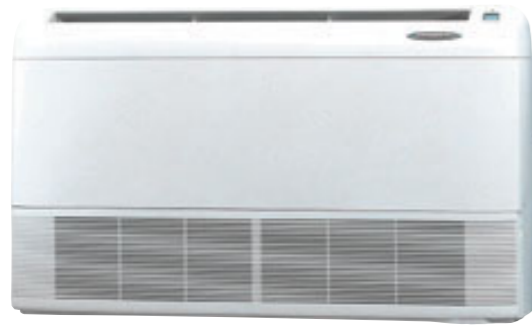
Type		Fixed-Speed Heat Pump				
Model Name		MCFH-GA35VB	MCFH-GA50VB	MCFH-GA60VB		
Indoor Unit		MCFH-GA35VB	MCFH-GA50VB	MCFH-GA60VB		
Outdoor Unit		MUCFH-GA35VB	MUCFH-GA50VB	MUCFH-GA60VB		
Power Supply [V, Phase, Hz, Source]		230, Single, 50, indoor/outdoor separate supply				
Cooling	Capacity	Rated	kW	3.5	4.8	6.0
		Min - Max	kW	-	-	-
	Total Input	Rated	kW	1.16	1.81	2.45
	EER	Rated		3.02	2.65	2.45
		EEL Rank		B	D	E
	SPL	IN [Low-Mid-High]	dB(A)	36 - 41 - 46	39 - 44 - 48	42 - 45 - 48
OUT		dB(A)	49	52	53	
Air Volume	IN [High]	m ³ /min	13.0	14.0	14.0	
Heating	Capacity	Rated	kW	3.7	5.0	6.8
		Min - Max	kW	-	-	-
	Total Input	Rated	kW	1.02	1.89	2.72
	COP	Rated		3.63	2.65	2.50
		EEL Rank		A	E	F
	SPL	IN [Low-Mid-High]	dB(A)	36 - 41 - 46	39 - 44 - 48	42 - 45 - 48
OUT		dB(A)	49	52	53	
Air Volume	IN [High]	m ³ /min	13.0	14.0	14.0	
Max. Running Current		A	8.0	15.3	17.3	
Indoor	Input	Rated	W	66	80	80
		Dimensions	Height	mm	650	650
	Width	mm	1,100	1,100	1,100	
		Depth	mm	180	180	180
	Weight	kg	25	25	25	
Outdoor	Dimensions	Height	mm	540	605	850
		Width	mm	780	850	840
		Depth	mm	255	290	330
	Weight	kg	40	47	74	
Ext. Piping	Diameter	Liquid / Gas ()	mm	6.35 / 12.7	6.35 / 12.7	6.35 / 15.88
	Max. Length / Max. Height	m	25 / 10	25 / 10	25 / 10	
Guaranteed Operating Range [Outdoor]	Cooling	°C	+21 ~ +43	+21 ~ +43	+21 ~ +43	
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	

MCF-GA series

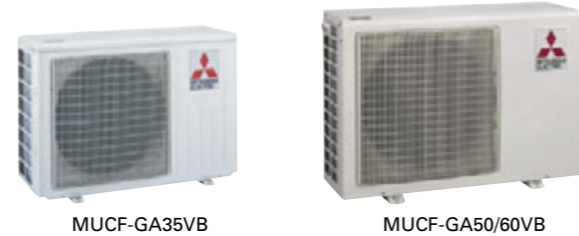
R410A

Cooling Only

Indoor Unit



Outdoor Unit



Two-way Floor Standing and Ceiling suspended Type Specifications

Type		Fixed-Speed Cooling Only				
Model Name		MCF-GA35VB	MCF-GA50VB	MCF-GA60VB		
Indoor Unit		MCF-GA35VB	MCF-GA50VB	MCF-GA60VB		
Outdoor Unit		MUCF-GA35VB	MUCF-GA50VB	MUCF-GA60VB		
Power Supply [V, Phase, Hz, Source]		230, Single, 50, indoor/outdoor separate power supply				
Cooling	Capacity	Rated	kW	3.5	4.8	6.0
		Min - Max	kW	-	-	-
	Total Input	Rated	kW	1.16	1.81	2.45
	EER			3.02	2.65	2.45
		EEL Rank		B	D	E
	SPL	IN [Low-Mid-High]	dB(A)	34 - 40 - 44	36 - 41 - 46	42 - 45 - 48
OUT		dB(A)	49	52	53	
Air Volume	IN [High]	m ³ /min	11.3	13.0	14.0	
Heating	Capacity	Rated	kW	-	-	-
		Min - Max	kW	-	-	-
	Total Input	Rated	kW	-	-	-
	COP			-	-	-
		EEL Rank		-	-	-
	SPL	IN [Low-Mid-High]	dB(A)	-	-	-
OUT		dB(A)	-	-	-	
Air Volume	IN [High]	m ³ /min	-	-	-	
Max. Running Current		A	8.2	13.0	16.7	
Indoor	Input	Rated	W	56	66	80
		Dimensions	Height	mm	650	650
	Width	mm	1,100	1,100	1,100	
		Depth	mm	180	180	180
Weight	kg	25	25	25		
Outdoor	Dimensions	Height	mm	540	605	605
		Width	mm	780	850	850
		Depth	mm	255	290	290
	Weight	kg	36	44	60	
Ext. Piping	Diameter	Liquid / Gas ()	mm	6.35 / 12.7	6.35 / 12.7	6.35 / 15.88
	Max. Length / Max. Height	m	25 / 10	25 / 10	25 / 10	
Guaranteed Operating Range [Outdoor]	Cooling	°C	+21 ~ +43	+21 ~ +43	+21 ~ +43	
	Heating	°C	-	-	-	



S series
Mr. SLIM

SLZ-KA series

R410A DC Inverter HEAT PUMP

Indoor Unit



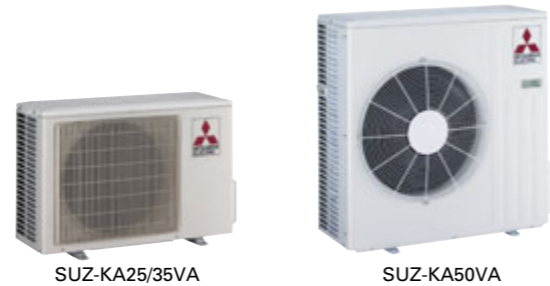
EER A COP A
KA25/35 KA25/35



Remote Controller



Outdoor Unit



- DC Inverter
- PAM Control
- AUTO VANE
- Long Life (2,500 hours Filter)
- Fresh Air Intake
- 2x2 Size
- 12-hour Timer (SLZ-KA VAL)
- ACO
- Auto Restart
- Cooling at 46°C/-10°C (KA25/35)
- Cooling at -10°C
- Heating at -10°C
- Weekly Timer (SLZ-KA VA)
- Centralized On/Off (Optional)
- M-NET connection (Optional)
- Self Diagnosis (with wired RIC check code)
- 12m / 20m / 15m / 30m
- MXZ connection
- Flare connection

SEZ-KC/KA series

R410A DC Inverter HEAT PUMP

Indoor Unit



SEZ-KC



SEZ-KA

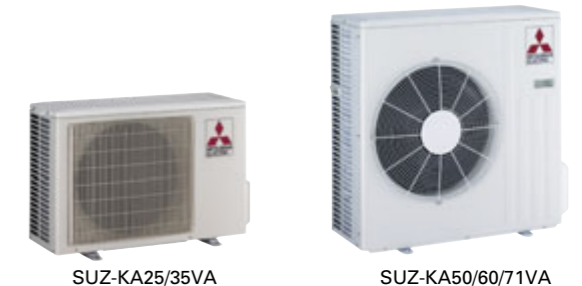
EER A COP A
KC25/KA35 KC25/KA35



Remote Controller



Outdoor Unit



- DC Inverter
- PAM Control
- Air-Cleaning (No replacement necessary-clean every 100h operation)
- 225mm Compact (SEZ-KC)
- 270mm Compact (SEZ-KA)
- ACO
- Auto Restart
- Cooling at 46°C/-10°C (KC25/KA35)
- Cooling at -10°C
- Heating at -10°C
- Weekly Timer
- Centralized On/Off (Optional)
- M-NET connection (Optional)
- Self Diagnosis (check code)
- 12m / 20m / 15m / 30m
- MXZ connection
- Flare connection

600 x 600 4 way Cassette Type Specifications

Type		Inverter Heat Pump				
Model Name		SLZ-KA25VA	SLZ-KA35VA	SLZ-KA50VA		
Indoor Unit		SLZ-KA25VA(L)*	SLZ-KA35VA(L)*	SLZ-KA50VA(L)*		
Outdoor Unit		SUZ-KA25VA	SUZ-KA35VA	SUZ-KA50VA		
Power Supply [V, Phase, Hz, Source]		230V, Single, 50Hz, Outdoor power supply				
Cooling	Capacity	Rated	2.5	3.5	4.6	
		Min - Max	0.9 - 3.2	1.0 - 3.9	1.1 - 5.2	
	Total Input	Rated	0.69	1.06	1.63	
	EER		3.62	3.30	2.82	
EEL Rank		A	A	C		
Heating	Capacity	Rated	3.0	4.0	5.0	
		Min - Max	0.9 - 4.5	0.9 - 5.0	0.9 - 6.5	
	Total Input	Rated	0.83	1.10	1.55	
	COP		3.61	3.64	3.22	
EEL Rank		A	A	C		
Indoor	Dimensions (Panel)	Height	mm	208 (20)	208 (20)	208 (20)
		Width	mm	570 (650)	570 (650)	570 (650)
		Depth	mm	570 (650)	570 (650)	570 (650)
	Weight (Panel)	kg	16.5 (3)	16.5 (3)	16.5 (3)	
	Air Volume [Low-Mid-High]	m ³ /min	8 - 9 - 10	8 - 9 - 11	8 - 9 - 11	
	External Static Pressure	Pa	0	0	0	
	Sound Level [Low-Mid-High]	dB(A)	28 - 31 - 37	29 - 33 - 38	30 - 34 - 39	
	Outdoor	Dimensions	Height	mm	550	550
Width			mm	800	800	840
Depth			mm	285	285	330
Weight		kg	33	37	53	
Air Volume(High) Cooling - Heating		m ³ /min	34.3 - 32.3	33.4 - 33.4	49 - 49	
Sound Level(High) Cooling - Heating		dB(A)	46 - 46	47 - 48	53 - 55	
Max. Running Current		A	8.16	9.18	16	
Breaker Size	A	10	10	20		
Ext. Piping	Diameter	Gas / Liquid ()	mm	9.52 / 6.35	9.52 / 6.35	12.7 / 6.35
	Max. Length / Height	m	20 / 12	20 / 12	30 / 15	
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +43	
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	

*SLZ-KA VAL is with a wireless remote controller.

Ceiling Concealed Type Specifications

Type		Inverter Heat Pump						
Model Name		SEZ-KC25VA	SEZ-KA35VA	SEZ-KA50VA	SEZ-KA60VA	SEZ-KA71VA		
Indoor Unit		SEZ-KC25VA	SEZ-KA35VA	SEZ-KA50VA	SEZ-KA60VA	SEZ-KA71VA		
Outdoor Unit		SUZ-KA25VA	SUZ-KA35VA	SUZ-KA50VA	SUZ-KA60VA	SUZ-KA71VA		
Power Supply [V, Phase, Hz, Source]		230V, Single, 50Hz, Outdoor power supply						
Cooling	Capacity	Rated	2.5	3.5	5.0	7.1		
		Min - Max	0.9 - 3.2	1.0 - 3.9	1.1 - 5.6	1.1 - 6.3	0.9 - 8.3	
	Total Input	Rated	0.73	1.06	1.78	1.96	2.46	
	EER		3.42	3.30	2.81	2.81	2.89	
EEL Rank		A	A	C	C	C		
Heating	Capacity	Rated	3.0	4.0	5.9	6.9	8.1	
		Min - Max	0.9 - 4.5	0.9 - 5.0	1.1 - 7.2	0.9 - 8.0	0.9 - 10.4	
	Total Input	Rated	0.83	1.10	1.84	2.45	2.36	
	COP		3.61	3.64	3.21	2.82	3.43	
EEL Rank		A	A	C	D	B		
Indoor	Dimensions	Height	mm	225	270	270	270	270
		Width	mm	790	1,100	1,100	1,100	1,100
		Depth	mm	550	700	700	700	700
	Weight	kg	19	33.5	33.5	33.5	35	
	Air Volume	Low-High	m ³ /min	4.8 - 7.9	10 - 13	12 - 17	12 - 20	20 - 12
	External Static Pressure	Std-Max	Pa	5 - 5	30 - 50	30 - 50	30 - 50	30 - 50
	Sound Level	Low-High	dB(A)	25 - 36	30 - 35	31 - 39	32 - 43	32 - 43
	Outdoor	Dimensions	Height	mm	550	550	850	850
Width			mm	800	800	840	840	840
Depth			mm	285	285	330	330	330
Weight		kg	33	37	53	53	58	
Air Volume(High) Cooling - Heating		m ³ /min	34.3 - 32.3	33.4 - 33.4	49 - 49	49 - 49	49 - 49	
Sound Level		Cooling - Heating	dB(A)	46 - 46	47 - 48	53 - 55	53 - 55	53 - 55
Max. Running Current		A	8.16	9.18	16	16	16	
Breaker Size	A	10	10	20	20	20		
Ext. Piping	Diameter	Gas / Liquid ()	mm	9.52 / 6.35	9.52 / 6.35	12.7 / 6.35	15.88 / 6.35	15.88 / 9.52
	Max. Length / Height	m	20 / 12	20 / 12	30 / 15	30 / 15	30 / 15	
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +43	-10 ~ +43	-10 ~ +43	
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	



PLZ-RP series

POWER INVERTER

R410A



HEAT PUMP



Indoor Unit



Outdoor Unit



Remote Controller



- High Ceiling
- 72 patterns
- SWING
- AUTO VANE
- 4 notch
- Hot Start
- Quiet
- Lossnay connection
- Fresh Air Intake
- High efficiency
- Check!
- Weekly Timer
- Group Control
- M-NET connection
- ACO
- COMPO
- Heating at -20°C
- Auto Restart
- Easy Maintenance
- IN/OUT Power Supply
- Anti mold DP
- Self Diagnosis
- Handy corner pocket
- Drain Lift UP
- 75m
- Gas Volume Check
- Existing Wiring Reuse

4-way Ceiling Cassette Type Specifications

Type		Inverter Heat Pump													
Indoor Unit		PLA-RP35AA	PLA-RP50AA	PLA-RP60AA	PLA-RP71AA	PLA-RP100AA2	PLA-RP125AA2	PLA-RP140AA2							
Outdoor Unit		PUHZ-RP35VHA2		PUHZ-RP50VHA2		PUHZ-RP60VHA2		PUHZ-RP71VHA2		PUHZ-RP100VYHA2		PUHZ-RP125VYHA2		PUHZ-RP140VYHA2	
Power Supply [V, Phase, Hz]		VHA:230V, 1 phase, 50Hz						VHA:230V, 1 phase, 50Hz YHA:400V, 3 phase, 50Hz							
Cooling	Capacity	Rated	kW	3.6	5.0	6.0	7.1	10.0	12.5	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	5.5 - 14.0	5.5 - 15.3					
	Total Input	Rated	kW	1.07	1.55	1.65	1.97	3.02	3.87	4.65					
	EER			3.36	3.23	3.64	3.60	3.31	3.23	3.01					
		EEL Rank		A	A	A	A	A	A	B					
Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	11.2	14.0	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	5.0 - 16.0	5.0 - 18.0					
	Total Input	Rated	kW	1.12	1.62	1.85	2.34	3.02	3.88	4.69					
	COP			3.66	3.70	3.78	3.42	3.61	3.61	3.41					
		EEL Rank		A	A	A	B	A	A	B					
Indoor	Dimensions	Height	mm	258 (Panel : 30)				298 (Panel : 30)							
		Width	mm	840 (Panel : 950)				840 (Panel : 950)							
		Depth	mm	840 (Panel : 950)				840 (Panel : 950)							
	Weight	kg	24 (panel:5)				32 (panel:5)								
	Air Volume (Lo-Mi2-Mi1-Hi)	m ³ /min	11 - 12 - 13 - 14	14 - 15 - 16 - 18	14 - 15 - 16 - 18	15 - 16 - 18 - 20	19 - 21 - 23 - 29	24 - 25 - 27 - 30							
	External Static Pressure	Pa	0	0	0	0	0	0	0	0					
	Sound Level (Lo-Mi2-Mi1-Hi)	dB(A)	27 - 28 - 29 - 31	28 - 29 - 31 - 33	28 - 29 - 31 - 33	28 - 30 - 32 - 34	33 - 36 - 39 - 41	37 - 40 - 43 - 45	37 - 40 - 43 - 45						
Outdoor	Dimensions	H x W x D	mm	600 x 800 x 330(+23)		943 x 950 x 330(+30)		1,350 x 950 x 330(+30)							
	Weight	1 phase / 3 phase	kg	45 / -		75 / -		121 / 135		116 / 130					
	Air Volume		m ³ /min	35		55		100							
	Sound Level	Cool(Silent) - Heat	dB(A)	44(41) - 46		47(44) - 48		49(46) - 51		50(47) - 52		50(47) - 52			
	Max. Running Current	1 phase / 3 phase	A	13 / -	13 / -	19 / -	19 / -	28 / 13	28 / 13	29.5 / 13					
Breaker Size	1 phase / 3 phase	A	16 / -	16 / -	25 / -	25 / -	32 / 16	32 / 16	40 / 16						
Ext. Piping	Diameter	Gas / Liquid ()	mm	12.7 / 6.35	12.7 / 6.35	15.88 / 9.52	15.88 / 9.52	15.88 / 9.52	15.88 / 9.52	15.88 / 9.52					
	Max. Length / Height		m	50 / 30	50 / 30	50 / 30	50 / 30	75 / 30	75 / 30	75 / 30					
Guaranteed Operating Range	Cooling*	°C	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46					
	Heating	°C	-11 ~ +21	-11 ~ +21	-11 ~ +21	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21					

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

P series
Mr. SLIM

PEDZ-RP EA series

POWER INVERTER

R410A



HEAT PUMP



Indoor Unit



Outdoor Unit



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

Remote Controller



Ceiling Concealed Type Specifications

Type		Inverter Heat Pump								
Indoor Unit		PEAD-RP35EA2	PEAD-RP50EA	PEAD-RP60EA	PEAD-RP71EA	PEAD-RP100EA2	PEAD-RP125EA	PEAD-RP140EA		
Outdoor Unit		PUHZ-RP35VHA2	PUHZ-RP50VHA2	PUHZ-RP60VHA2	PUHZ-RP71VHA2	PUHZ-RP100V(Y)HA2	PUHZ-RP125V(Y)HA2	PUHZ-RP140V(Y)HA2		
Power Supply [V, Phase, Hz]		VHA:230V, 1 phase, 50Hz YHA:400V, 3 phase, 50Hz								
Cooling	Capacity	Rated	kW	3.6	4.9	6.0	7.1	10.0	12.5	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	5.5 - 14.0	5.5 - 15.3
	Total Input	Rated	kW	1.12	1.52	1.86	2.15	3.06	3.89	4.65
	EER			3.21	3.22	3.23	3.30	3.27	3.21	3.01
EEL Rank				A	A	A	A	A	A	B
Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	11.2	14.0	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	5.0 - 16.0	5.0 - 18.0
	Total Input	Rated	kW	1.20	1.65	1.90	2.34	3.19	3.88	4.69
	COP			3.41	3.64	3.68	3.42	3.51	3.61	3.41
EEL Rank				B	A	A	B	B	A	B
Indoor	Dimensions	Height	mm	295	295	295	295	325	325	325
		Width	mm	935	935	1,175	1,175	1,415	1,415	1,715
		Depth	mm	700	700	700	740	740	740	740
	Weight	kg	33	35	42	44	65	65	70	
	Air Volume (Lo-Hi)	m ³ /min	13.5 - 17		17 - 21	20 - 25	33.5 - 42		36.5 - 46	
	External Static Pressure	Std-Max	Pa	30 / 70	30 / 70	30 / 70	70 (130 Pa with optional motor)			
	Sound Level (Lo-Hi)		dB(A)	36 - 40		37 - 41	37 - 41	44 - 50		46 - 51
Outdoor	Dimensions	H x W x D	mm	600 x 800 x 330(+23)		943 x 950 x 330(+30)		1,350 x 950 x 330(+30)		
		Weight	1 phase / 3 phase	kg	45 / -	45 / -	75 / -	75 / -	121 / 135	116 / 130
	Air Volume		m ³ /min	35		55		100		
	Sound Level	Cool(Silent) - Heat	dB(A)	44(41) - 46	44(41) - 46	47(44) - 48	47(44) - 48	49(46) - 51	50(47) - 52	50(47) - 52
	Max Running Current	1 phase / 3 phase	A	13 / -	13 / -	19 / -	19 / -	28 / 13	28 / 13	29.5 / 13
Breaker Size	1 phase / 3 phase	A	16 / -	16 / -	25 / -	25 / -	32 / 16	32 / 16	40 / 16	
Ext. Piping	Diameter	Gas / Liquid ()	mm	12.7 / 6.35	12.7 / 6.35	15.88 / 9.52	15.88 / 9.52	15.88 / 9.52	15.88 / 9.52	15.88 / 9.52
		Max. Length / Height	m	50 / 30	50 / 30	50 / 30	50 / 30	75 / 30	75 / 30	75 / 30
Guaranteed Operating Range [Outdoor]	Cooling*		°C	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46
		Heating	°C	-11 ~ +21	-11 ~ +21	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PEDZ-RP GA series

POWER INVERTER

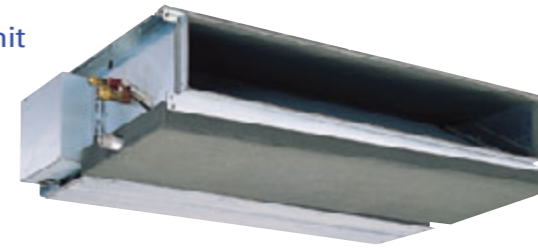
R410A



HEAT PUMP



Indoor Unit



Outdoor Unit



PUHZ-RP60/71 PUHZ-RP100

Remote Controller



Ceiling Concealed Type Specifications

Type		Inverter Heat Pump					
Indoor Unit		PEAD-RP60GA		PEAD-RP71GA		PEAD-RP100GA	
Outdoor Unit		PUHZ-RP60VHA2		PUHZ-RP71VHA2		PUHZ-RP100V(Y)HA2	
Power Supply [V, Phase, Hz]		VHA:230V, 1 phase, 50Hz YHA:400V, 3 phase, 50Hz					
Cooling	Capacity	Rated	kW	6.0	7.1	10.0	
		Min - Max	kW	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	
	Total Input	Rated	kW	1.68	2.15	3.08	
	EER			3.57	3.30	3.25	
EEL Rank				A	A	A	
Heating	Capacity	Rated	kW	7.0	8.0	11.0	
		Min - Max	kW	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	
	Total Input	Rated	kW	1.77	2.34	3.23	
	COP			3.95	3.42	3.41	
EEL Rank				A	B	B	
Indoor	Dimensions	Height	mm	275	275	275	
		Width	mm	1,171	1,171	1,411	
		Depth	mm	740	740	740	
	Weight	kg	42	42	50		
	Air Volume (Lo-Hi)	m ³ /min	16.5 - 21		20 - 25	26.5 - 33	
	External Static Pressure		Pa	10 / 50 / 70		10 / 50 / 70	
	Sound Level (10/50/70pa) (Lo-Hi)		dB(A)	33 - 37 / 35 - 40 / 36 - 42		35 - 38 / 37 - 41 / 37 - 43	
Outdoor	Dimensions	H x W x D	mm	943 x 950 x 330(+30)		943 x 950 x 330(+30)	
		Weight	1 phase / 3 phase	kg	75 / -	75 / -	121 / 135
	Air Volume		m ³ /min	55		100	
	Sound Level	Cool(Silent) - Heat	dB(A)	47(44) - 48		47(44) - 48	
	Max Running Current	1 phase / 3 phase	A	19 / -		28 / 13	
Breaker Size	1 phase / 3 phase	A	25 / -		32 / 16		
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52		15.88 / 9.52	
		Max. Length / Height	m	50 / 30		50 / 30	
Guaranteed Operating Range [Outdoor]	Cooling*		°C	-5 ~ +46		-5 ~ +46	
		Heating	°C	-11 ~ +21		-11 ~ +21	

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PEZ-RP series

POWER INVERTER

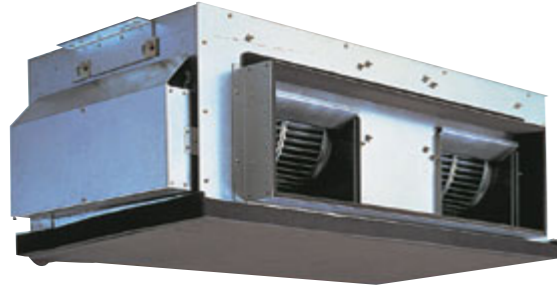
R410A



HEAT PUMP



Indoor Unit



Outdoor Unit



PUHZ-RP200/250

Remote Controller



Ceiling Concealed Type Specifications

Type				Inverter Heat Pump			
Indoor Unit				PEH-RP200MYA		PEH-RP250MYA	
Outdoor Unit				PUHZ-RP200YHA / PUHZ-RP250YHA			
Power Supply [V, Phase, Hz]				400V, 3 phase, 50Hz			
Cooling	Capacity	Rated	kW	19.0		22.0	
		Min - Max	kW	10.0 - 22.4		12.5 - 28.0	
	Total Input	Rated	kW	7.28		8.43	
		EER		2.61		2.61	
Heating	Capacity	Rated	kW	22.4		27.0	
		Min - Max	kW	10.0 - 25.0		15.7 - 31.5	
	Total Input	Rated	kW	6.98		8.41	
		COP		3.21		3.21	
Indoor	Dimensions	Height	mm	428		428	
		Width	mm	1,380		1,580	
		Depth	mm	650		650	
	Weight	kg	70		80		
Air Volume	m ³ /min	48 - 60		80			
External Static Pressure	Std-Max	Pa	50 / 150		50 / 150		
Sound Level		dB(A)	45 - 49 (at 50Pa)		53 (at 50pa)		
Outdoor	Dimensions	H x W x D	mm	1,798 x 900 x 750		1,798 x 900 x 750	
		Weight	kg	198		198	
		Air Volume	m ³ /min	150		150	
	Sound Level	Cool(Silent) - Heat	dB(A)	55(52) - 56		58(55) - 58	
Max Running Current		A	24		24		
Breaker Size		A	32		32		
Ext. Piping	Diameter	Gas / Liquid ()	mm	25.4 / 9.52		28.58 / 12.7	
		Max. Length (Option*) / Height	m	80 (120) / 40		80 (120) / 40	
Guaranteed Operating Range [Outdoor]	Cooling* ²	°C	-5 ~ +46		-5 ~ +46		
		Heating	°C	-20 ~ +21		-20 ~ +21	

*1 Optional terminal bed is necessary for 120M pipe run.

*2 With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PKZ-RP series

POWER INVERTER

R410A



HEAT PUMP



Indoor Unit



PKA-RP GAL



PKA-RP FAL



Remote Controller



*optional

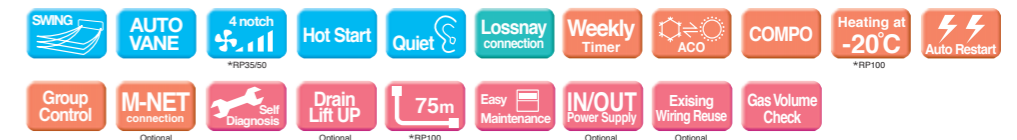
Outdoor Unit



PUAZ-RP35/50

PUAZ-RP60/71

PUAZ-RP100



Wall Mounted Type Specifications

Type				Inverter Heat Pump							
Indoor Unit				PKA-RP35GAL	PKA-RP50GAL	PKA-RP50FAL2	PKA-RP60FAL	PKA-RP71FAL	PKA-RP100FAL		
Outdoor Unit				PUHZ-RP35VHA2	PUHZ-RP50VHA2	PUHZ-RP50VHA2	PUHZ-RP60VHA2	PUHZ-RP71VHA2	PUHZ-RP100V(Y)HA2		
Power Supply [V, Phase, Hz]				VHA:230V, 1 phase, 50Hz YHA:400V, 3 phase, 50Hz							
Cooling	Capacity	Rated	kW	3.6	4.6	5.0	6.0	7.1	10.0		
		Min - Max	kW	1.6 - 4.5	2.3 - 5.4	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4		
	Total Input	Rated	kW	1.03	1.63	1.66	1.55	1.98	2.93		
		EER		3.50	2.82	3.01	3.87	3.59	3.41		
Heating	Capacity	Rated	kW	3.6	4.5	6.0	7.0	7.6	11.2		
		Min - Max	kW	1.6 - 5.2	2.5 - 6.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0		
	Total Input	Rated	kW	1.06	1.40	1.76	2.01	2.23	3.25		
		COP		3.41	3.21	3.41	3.48	3.41	3.45		
Indoor	Dimensions	Height	mm	340	340	340	340	340	340		
		Width	mm	990	990	1,400	1,400	1,400	1,680		
		Depth	mm	235	235	235	235	235	235		
	Weight	kg	16	16	24	24	24	28			
Air Volume (Lo-Mi2-Mi1-Hi)	m ³ /min	9 - 10 - 11 - 12		9 - 10 - 11 - 12		15 - 20		15 - 20			
External Static Pressure	Pa	0		0		0		0			
Sound Level (Lo-Mi2-Mi1-Hi)	dB(A)	36 - 38 - 41 - 43		36 - 38 - 41 - 43		39 - 45		39 - 45			
Outdoor	Dimensions	H x W x D	mm	600 x 800 x 330(+23)			943 x 950 x 330(+30)				
		Weight	1 phase / 3 phase	kg	45 / -	45 / -	45 / -	75 / -	75 / -	121 / 135	
		Air Volume	m ³ /min	35		35		55		100	
	Sound Level	Cool(Silent) - Heat	dB(A)	44(41) - 46		44(41) - 46		47(44) - 48		47(44) - 48	
Max Running Current	1 phase / 3 phase	A	13 / -		13 / -		19 / -		19 / -		
Breaker Size	1 phase / 3 phase	A	16 / -		16 / -		25 / -		25 / -		
Ext. Piping	Diameter	Gas / Liquid ()	mm	12.7 / 6.35		12.7 / 6.35		15.88 / 9.52		15.88 / 9.52	
		Max. Length / Height	m	50 / 30		50 / 30		50 / 30		75 / 30	
Guaranteed Operating Range [Outdoor]	Cooling*	°C	-5 ~ +46		-5 ~ +46		-5 ~ +46		-5 ~ +46		
		Heating	°C	-11 ~ +21		-11 ~ +21		-11 ~ +21		-11 ~ +21	

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PCZ-RP GA series

POWER INVERTER

R410A



HEAT PUMP



Indoor Unit



Remote Controller



*optional

Outdoor Unit



PUHZ-RP50

PUHZ-RP60/71

PUHZ-RP100/125/140



Ceiling Suspended Type Specifications

Type		Inverter Heat Pump								
Indoor Unit		PCA-RP50GA	PCA-RP50GA2	PCA-RP60GA	PCA-RP71GA	PCA-RP100GA	PCA-RP125GA	PCA-RP140GA		
Outdoor Unit		PUHZ-RP50VHA2	PUHZ-RP50VHA2	PUHZ-RP60VHA2	PUHZ-RP71VHA2	PUHZ-RP100V(Y)HA2	PUHZ-RP125V(Y)HA2	PUHZ-RP140V(Y)HA2		
Power Supply [V, Phase, Hz]		VHA:230V, 1 phase, 50Hz								
Cooling	Capacity	Rated	kW	4.7	5.0	6.0	7.1	10.0	12.5	14.0
		Min - Max	kW	2.3 - 5.4	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	5.5 - 14.0	5.5 - 15.3
	Total Input	Rated	kW	1.67	1.66	1.63	2.14	2.92	3.88	4.65
	EER			2.81	3.01	3.68	3.32	3.42	3.22	3.01
		EEL Rank		C	B	A	A	A	A	B
Heating	Capacity	Rated	kW	5.5	6.0	7.0	7.6	11.2	14.0	16.0
		Min - Max	kW	2.5 - 6.6	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	5.0 - 16.0	5.0 - 18.0
	Total Input	Rated	kW	1.71	1.76	2.03	2.23	3.26	4.11	4.60
	COP			3.22	3.41	3.45	3.41	3.44	3.41	3.48
		EEL Rank		C	B	B	B	B	B	B
Indoor	Dimensions	Height	mm	210	210	210	210	270	270	270
		Width	mm	1,000	1,310	1,310	1,310	1,310	1,620	1,620
		Depth	mm	680	680	680	680	680	680	680
	Weight	kg	27	34	34	34	37	43	45	
	Air Volume (Lo-Mi2-Mi1-Hi)	m ³ /min	10 - 11 - 12 - 13		14 - 15 - 16 - 18		20 - 21 - 23 - 25		27 - 30 - 32 - 34	
	External Static Pressure	Pa	0	0	0	0	0	0	0	0
Sound Level (Lo-Mi2-Mi1-Hi)	dB(A)	37 - 38 - 40 - 42		37 - 39 - 41 - 43		40 - 41 - 43 - 45		41 - 43 - 45 - 46		42 - 44 - 46 - 48
Outdoor	Dimensions	H x W x D	mm	600 x 800 x 330(+23)		943 x 950 x 330(+30)		1,350 x 950 x 330(+30)		
	Weight	1 phase / 3 phase	kg	45	45	75	75	121 / 135	116 / 130	116 / 130
	Air Volume		m ³ /min	35		55		100		
	Sound Level	Cool(Silent) - Heat	dB(A)	44(41) - 46		47(44) - 48		49(46) - 51		50(47) - 52
	Max Running Current	1 phase / 3 phase	A	13 / -	13 / -	19 / -	19 / -	28 / 13	28 / 13	29.5 / 13
Ext. Piping	Breaker Size	1 phase / 3 phase	A	16 / -	16 / -	25 / -	25 / -	32 / 16	32 / 16	40 / 16
	Diameter	Gas / Liquid ()	mm	12.7 / 6.35		15.88 / 9.52		15.88 / 9.52		
Max. Length / Height		m	50 / 30	50 / 30	50 / 30	50 / 30	75 / 30	75 / 30	75 / 30	
Guaranteed Operating Range [Outdoor]	Cooling*	°C	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46
	Heating	°C	-11 ~ +21	-11 ~ +21	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PCZ-RP HA series

POWER INVERTER

R410A



HEAT PUMP



Indoor Unit



Remote Controller



Outdoor Unit



PUHZ-RP71

PUHZ-RP125



Stainless steel Ceiling Suspended Type for Kitchen use Specifications

Type		Inverter Heat Pump			
Indoor Unit		PCA-RP71HA		PCA-RP125HA	
Outdoor Unit		PUHZ-RP71VHA2		PUHZ-RP125V(Y)HA2	
Power Supply [V, Phase, Hz]		VHA:230V, 1 phase, 50Hz			
Cooling	Capacity	Rated	kW	7.1	12.5
		Min - Max	kW	3.3 - 8.1	5.5 - 14.0
	Total Input	Rated	kW	2.21	3.88
	EER			3.21	3.22
		EEL Rank		A	A
Heating	Capacity	Rated	kW	7.6	13.8
		Min - Max	kW	3.5 - 10.2	5.0 - 16.0
	Total Input	Rated	kW	2.23	4.05
	COP			3.41	3.41
		EEL Rank		B	B
Indoor	Dimensions	Height	mm	280	280
		Width	mm	1,136	1,520
		Depth	mm	650	650
	Weight	kg	41	56	
	Air Volume (Lo-Hi)	m ³ /min	17 - 19	30 - 38	
	External Static Pressure	Pa	0	0	
Sound Level (Lo-Hi)	dB(A)	34 - 38	44 - 50		
Outdoor	Dimensions	H x W x D	mm	943 x 950 x 330(+30)	
	Weight	1 phase / 3 phase	kg	75 / -	116 / 130
	Air Volume		m ³ /min	55	100
	Sound Level	Cool(Silent) - Heat	dB(A)	47(44) - 48	
	Max Running Current	1 phase / 3phase	A	19 / -	28 / 13
Breaker Size	1 phase / 3phase	A	25 / -	32 / 16	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52	
Max. Length / Height		m	50 / 30	75 / 30	
Guaranteed Operating Range [Outdoor]	Cooling*	°C	-5 ~ +46	-5 ~ +46	
	Heating	°C	-11 ~ +21	-20 ~ +21	

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PSZ-RP series

POWER INVERTER

R410A



HEAT PUMP



Indoor Unit



Outdoor Unit



PUHZ-RP71

PUHZ-RP100/125/140

Built-in Controller



Floor Standing Type Specifications

Type				Inverter Heat Pump			
Indoor Unit				PSA-RP71GA	PSA-RP100GA	PSA-RP125GA	PSA-RP140GA
Outdoor Unit				PUHZ-RP71VHA2 PUHZ-RP100V(Y)HA2 PUHZ-RP125V(Y)HA2 PUHZ-RP140V(Y)HA2			
Power Supply [V, Phase, Hz]				VHA:230V, 1 phase, 50Hz YHA:400V, 3 phase, 50Hz			
Cooling	Capacity	Rated	kW	7.1	10.0	12.4	13.8
		Min - Max	kW	3.3 - 8.1	4.9 - 11.4	5.5 - 14.0	5.5 - 15.3
	Total Input	Rated	kW	2.20	2.99	4.12	4.91
	EER			3.23	3.34	3.01	2.81
		EEL Rank		A	A	B	C
Heating	Capacity	Rated	kW	7.6	11.2	14.0	16.0
		Min - Max	kW	3.5 - 10.2	4.5 - 14.0	5.0 - 16.0	5.0 - 18.0
	Total Input	Rated	kW	2.23	3.28	4.11	4.97
	COP			3.41	3.41	3.41	3.22
		EEL Rank		B	B	C	C
Indoor	Dimensions	Height	mm	1,900	1,900	1,900	1,900
		Width	mm	600	600	600	600
		Depth	mm	270	350	350	350
	Weight	kg	43	51	51	53	
	Air Volume (Lo-Hi)	m ³ /min	15 - 18	24 - 31	26 - 33	27 - 35	
	External Static Pressure	Pa	0	0	0	0	
	Sound Level (Lo-Hi)	dB(A)	40 - 45	44 - 49	46 - 51	47 - 52	
Outdoor	Dimensions	H x W x D	mm	943 x 950 x 330(+30)	1,350 x 950 x 330(+30)	1,350 x 950 x 330(+30)	1,350 x 950 x 330(+30)
	Weight	1 phase / 3 phase	kg	75	121 / 135	116 / 130	116 / 130
	Air Volume		m ³ /min	55	100	100	100
	Sound Level	Cool(Silent) - Heat	dB(A)	47(44) - 48	49(46) - 51	50(47) - 52	50(47) - 52
	Max Running Current	1 phase / 3 phase	A	19 / -	28 / 13	28 / 13	29.5 / 13
Breaker Size	1 phase / 3 phase	A	25 / -	32 / 16	32 / 16	40 / 16	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52	15.88 / 9.52	15.88 / 9.52	15.88 / 9.52
	Max. Length / Height		m	50 / 30	75 / 30	75 / 30	75 / 30
Guaranteed Operating Range [Outdoor]	Cooling*	°C		-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46
	Heating	°C		-11 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

SPLZ-P series PLZ-P series

R410A

HEAT PUMP



Indoor Unit



Outdoor Unit



SUZ-KA35

SUZ-KA50/60/71

PUHZ-P100

PUHZ-P125/140



Remote Controller



4-way Ceiling Cassette Type Specifications

Type				Inverter Heat Pump							
Indoor Unit				PLA-RP35AA	PLA-RP50AA	PLA-RP60AA	PLA-RP71AA	PLA-RP100AA2	PLA-RP125AA2	PLA-RP140AA2	
Outdoor Unit				SUZ-KA35VA SUZ-KA50VA SUZ-KA60VA SUZ-KA71VA PUHZ-P100VHA PUHZ-P125VHA PUHZ-P140VHA							
Power Supply [V, Phase, Hz]				230V - Single - 50Hz - Outdoor power Supply							
Cooling	Capacity	Rated	kW	3.5	5.0	5.7	7.1	9.4	12.3	13.6	
		Min - Max	kW	1.0 - 3.9	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	1.09	1.78	1.94	2.53	3.12	4.09	5.21	
	EER			3.21	2.81	2.94	2.81	3.01	3.01	2.61	
		EEL Rank		A	C	C	C	B	B	D	
Heating	Capacity	Rated	kW	4.1	6.0	6.9	8.0	11.2	14.0	16.0	
		Min - Max	kW	0.9 - 5.0	0.9 - 7.2	0.9 - 8.0	0.9 - 10.2	4.5 - 12.5	5.0 - 16.0	5.0 - 18.0	
	Total Input	Rated	kW	1.11	1.76	2.11	2.49	3.28	4.11	4.98	
	COP			3.69	3.41	3.27	3.21	3.41	3.41	3.21	
		EEL Rank		A	B	C	C	B	B	C	
Indoor	Dimensions	Height	mm	258(Panel:30)			298(Panel:30)				
		Width	mm	840(Panel:950)			840(Panel:950)				
		Depth	mm	840(Panel:950)			840(Panel:950)				
	Weight	kg	24(Panel:5)			32(Panel:5)					
	Air Volume (Lo-Mi2-Mi1-Hi)	m ³ /min	11 - 12 - 13 - 14	14 - 15 - 16 - 18	15 - 16 - 18 - 20	19 - 21 - 23 - 27	24 - 25 - 27 - 30				
	External Static Pressure	Pa	0								
	Sound Level (Lo-Mi2-Mi1-Hi)	dB(A)	27 - 28 - 29 - 31	28 - 29 - 31 - 33	28 - 30 - 32 - 34	33 - 36 - 39 - 41	37 - 40 - 43 - 45				
Outdoor	Dimensions	Height	mm	550	850		943	1350			
		Width	mm	800	840		950				
		Depth	mm	285	330		330 + 30				
	Weight	kg	37	53	58	75	123				
	Air Volume(High)	m ³ /min	33.4	49		60	100				
	Sound Level(High)	Cool(Silent) - Heat	dB(A)	47 - 48	53 - 55		50 (47) - 54	51 (48) - 55	52 (49) - 56		
Max. Running Current	A	9.18	16		28	28					
Breaker Size	A	10	20		32				40		
Ext. Piping	Diameter	Gas / Liquid ()	mm	9.52 / 6.35	12.7 / 6.35	15.88 / 6.35	15.88 / 9.52	15.88 / 9.52			
	Max. Length / Height		m	20 / 12	30 / 15		50 / 30				
Guaranteed Operating Range [Outdoor]	Cooling*	°C		-10 ~ +46	-10 ~ +43		-5* ~ +46				
	Heating	°C		-10 ~ +24	-10 ~ +24		-15 ~ +21				

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

SPEDZ-P EA series PEDZ-P EA series

R410A

HEAT PUMP



STANDARD INVERTER

Indoor Unit

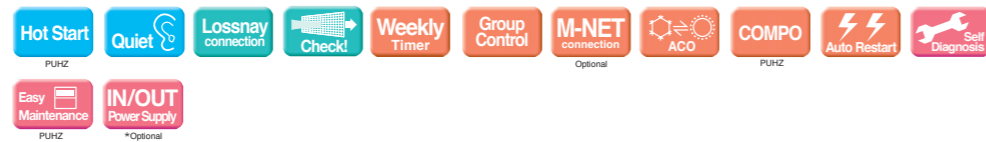


Outdoor Unit



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

Remote Controller



Ceiling Concealed Type Specifications

Type		Inverter Heat Pump									
Indoor Unit		PEAD-RP35EA2	PEAD-RP50EA	PEAD-RP60EA	PEAD-RP71EA	PEAD-RP100EA2	PEAD-RP125EA	PEAD-RP140EA			
Outdoor Unit		SUZ-KA35VA	SUZ-KA50VA	SUZ-KA60VA	SUZ-KA71VA	PUHZ-P100VHA	PUHZ-P125VHA	PUHZ-P140VHA			
Power Supply [V, Phase, Hz]		230V - Single - 50Hz - Outdoor power Supply					230V - Single - 50Hz - Outdoor power Supply				
Cooling	Capacity	Rated	kW	3.6	4.9	6.0	7.1	9.4	12.3	13.6	
		Min - Max	kW	1.0 - 3.9	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	1.12	1.74	2.05	2.53	3.12	4.38	5.21	
	EER			3.21	2.82	2.93	2.81	3.01	2.81	2.61	
		EEL Rank		A	C	C	C	B	C	D	
Heating	Capacity	Rated	kW	4.1	5.9	7.0	8.0	11.2	14.0	16.0	
		Min - Max	kW	0.9 - 5.0	0.9 - 7.2	0.9 - 8.0	0.9 - 10.2	4.5 - 12.5	5.0 - 16.0	5.0 - 18.0	
	Total Input	Rated	kW	1.13	1.69	2.07	2.49	3.28	4.11	4.98	
	COP			3.63	3.49	3.38	3.21	3.41	3.41	3.21	
		EEL Rank		A	B	C	C	B	B	C	
Indoor	Dimensions	Height	mm	295		295	325	325		325	
		Width	mm	935		1,175	1,175	1,415		1,715	
		Depth	mm	700		700	740	740		740	
	Weight	kg	33	35	42	44	65		70		
	Air Volume (Lo-Hi)	m ³ /min	13.5 - 17	13.5 - 17	17 - 21	20 - 25	33.5 - 42	33.5 - 42	36.5 - 46		
	External Static Pressure	Pa	30 / 70		30 / 70	70 (with optional motor:130)	70 (with optional motor:130)				
	Sound Level (Lo-Hi)	dB(A)	36 - 40	36 - 40	37 - 41	37 - 41	44 - 50 (130Pa:46 - 52)	44 - 50 (130Pa:46 - 52)	46 - 51 (130Pa:47 - 53)		
Outdoor	Dimensions	Height	mm	550		850		943		1,350	
		Width	mm	800		840		950			
		Depth	mm	285		330		330 + 30			
	Weight	kg	37	53		58	75	123			
	Air Volume(High)	m ³ /min	33.4		49		60		100		
	Sound Level(High) Cool(Silent) - Heat	dB(A)	47 - 48		53 - 55		50 (47) - 54	51 (48) - 55	52 (49) - 56		
	Max Running Current	A	9.18		16		28	28	29.5		
Breaker Size	A	10		20		32		40			
Ext. Piping	Diameter	Gas / Liquid ()	mm	9.52 / 6.35	12.7 / 6.35	15.88 / 6.35	15.88 / 9.52	15.88 / 9.52			
	Max. Length / Height	m	20 / 12		30 / 15		50 / 30				
Guaranteed Operating Range [Outdoor]	Cooling*	°C	-10 ~ +46		-10 ~ +43		-5* ~ +46				
	Heating	°C	-10 ~ +24		-10 ~ +24		-15 ~ +21				

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

SPEDZ-P GA series PEDZ-P GA series

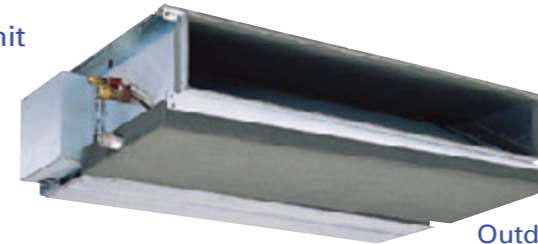
R410A

HEAT PUMP



STANDARD INVERTER

Indoor Unit

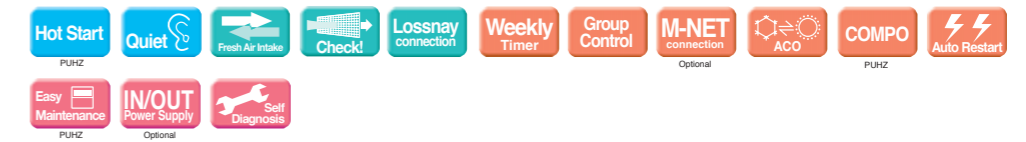


Outdoor Unit



SUZ-KA50/60/71 PUHZ-P100

Remote Controller



Ceiling Concealed Type Specifications

Type		Inverter Heat Pump				
Indoor Unit		PEAD-RP60GA	PEAD-RP71GA	PEAD-RP100GA		
Outdoor Unit		SUZ-KA60VA	SUZ-KA71VA	PUHZ-P100VHA		
Power Supply [V, Phase, Hz]		230V - Single - 50Hz - Outdoor power Supply		230V - Single - 50Hz - Outdoor power Supply		
Cooling	Capacity	Rated	kW	5.7	7.1	9.4
		Min - Max	kW	1.1 - 6.3	0.9 - 8.1	4.9 - 11.2
	Total Input	Rated	kW	2.03	2.53	3.60
	EER			2.81	2.81	2.61
		EEL Rank		C	C	D
Heating	Capacity	Rated	kW	7.0	8.0	11.2
		Min - Max	kW	0.9 - 8.0	0.9 - 10.2	4.5 - 12.5
	Total Input	Rated	kW	2.05	2.49	3.49
	COP			3.41	3.21	3.21
		EEL Rank		B	C	C
Indoor	Dimensions	Height	mm	275		275
		Width	mm	1,171		1,411
		Depth	mm	740		740
	Weight	kg	42		50	
	Air Volume (Lo-Hi)	m ³ /min	16.5 - 21	20 - 25	26.5 - 33	
	External Static Pressure	Pa	10 / 50 / 70		10 / 50 / 70	
	Sound Level (10/50/70pa) (Lo-Hi)	dB(A)	10Pa:33 - 37 / 50Pa:35 - 40 / 70Pa:36 - 42	10Pa:35 - 38 / 50Pa:37 - 41 / 70Pa:37 - 43	10Pa:40 - 43 / 50Pa:42 - 45 / 70Pa:42 - 46	
Outdoor	Dimensions	Height	mm	850		943
		Width	mm	840		950
		Depth	mm	330		330 + 30
	Weight	kg	53	58	75	
	Air Volume(High)	m ³ /min	49		60	
	Sound Level(High) Cool(Silent) - Heat	dB(A)	53 - 55		50 (47) - 54	
	Max Running Current	A	16		28	
Breaker Size	A	20		32		
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 6.35	15.88 / 9.52	15.88 / 9.52
	Max. Length / Height	m	30 / 15		50 / 30	
Guaranteed Operating Range [Outdoor]	Cooling*	°C	-10 ~ +43		-5* ~ +46	
	Heating	°C	-10 ~ +24		-15 ~ +21	

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PKZ-P series

STANDARD INVERTER

R410A

HEAT PUMP



Indoor Unit



PKA-RP FAL

Outdoor Unit



PUHZ-P100



Remote Controller



*optional



Wall Mounted Type Specifications

Type		Inverter Heat Pump	
Indoor Unit		PKA-RP100FAL	
Outdoor Unit		PUHZ-P100VHA	
Power Supply [V, Phase, Hz]		230V - Single - 50Hz - Outdoor power Supply	
Cooling	Capacity	Rated	kW 9.4
		Min - Max	kW 4.9 - 11.2
	Total Input	Rated	kW 3.12
	EER		3.01
		EEL Rank	B
Heating	Capacity	Rated	kW 11.2
		Min - Max	kW 4.5 - 12.5
	Total Input	Rated	kW 3.49
	COP		3.21
		EEL Rank	C
Indoor	Dimensions	Height	mm 340
		Width	mm 1,680
		Depth	mm 235
	Weight	kg 28	
	Air Volume (Lo-Hi)	m ³ /min 22 - 28	
	External Static Pressure	Pa 0	
	Sound Level (Lo-Hi)	dB(A) 41 - 46	
Outdoor	Dimensions	Height	mm 943
		Width	mm 950
		Depth	mm 330 + 30
	Weight	kg 75	
	Air Volume(High)	m ³ /min 60	
	Sound Level(High) Cool(Silent) - Heat	dB(A) 50 (47) - 54	
	Max Running Current	A 28	
Breaker Size	A 32		
Ext. Piping	Diameter	Gas / Liquid ()	mm 15.88 / 9.52
	Max. Length / Height	m	50 / 30
Guaranteed Operating Range [Outdoor]	Cooling*	°C	-5* ~ +46
	Heating	°C	-15 ~ +21

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

SPCZ-P GA series PCZ-P GA series

STANDARD INVERTER

R410A

HEAT PUMP



Indoor Unit



Outdoor Unit



SUZ-KA50/60/71

PUHZ-P100

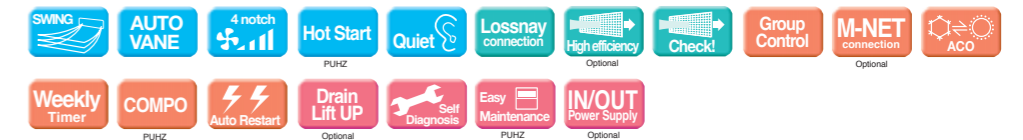
PUHZ-P125/140



Remote Controller



*optional



Ceiling Suspended Type Specifications

Type				Inverter Heat Pump						
Indoor Unit				PCA-RP50GA	PCA-RP50GA2	PCA-RP60GA	PCA-RP71GA	PCA-RP100GA	PCA-RP125GA	PCA-RP140GA
Outdoor Unit				SUZ-KA50VA	SUZ-KA50VA	SUZ-KA60VA	SUZ-KA71VA	PUHZ-P100VHA	PUHZ-P125VHA	PUHZ-P140VHA
Power Supply [V, Phase, Hz]				230V - Single - 50Hz - Outdoor power Supply				230V - Single - 50Hz - Outdoor power Supply		
Cooling	Capacity	Rated	kW	4.7	5.0	5.5	7.1	9.4	12.3	13.6
		Min - Max	kW	1.1 - 5.4	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	1.80	1.78	1.92	2.53	3.35	4.38	5.21
	EER			2.61	2.81	2.86	2.81	2.81	2.81	2.61
				EEL Rank	D	C	C	C	C	D
Heating	Capacity	Rated	kW	5.5	6.0	6.9	7.9	11.2	14.0	16.0
		Min - Max	kW	0.9 - 6.6	0.9 - 7.2	0.9 - 8.0	0.9 - 10.2	4.5 - 12.5	5.0 - 16.0	5.0 - 18.0
	Total Input	Rated	kW	1.92	1.76	2.05	2.49	3.49	4.98	4.98
	COP			2.86	3.41	3.37	3.21	3.21	2.81	3.21
				EEL Rank	D	B	C	C	D	C
Indoor	Dimensions	Height	mm	210	210		270		1,620	
		Width	mm	1,000	1,310		1,310	680		
		Depth	mm	680	680		680		680	
	Weight	kg	27	34		37	43	45		
	Air Volume (Lo-Mi2-Mi1-Hi)	m ³ /min	10 - 11 - 12 - 13	14 - 15 - 16 - 18		20 - 21 - 23 - 25		27 - 30 - 32 - 34		
	External Static Pressure	Pa	0	0		0		0		
	Sound Level (Lo-Mi2-Mi1-Hi)	dB(A)	37 - 38 - 40 - 42	37 - 39 - 41 - 43		40 - 41 - 43 - 45		41 - 43 - 45 - 46		42 - 44 - 46 - 48
Outdoor	Dimensions	Height	mm	850		943		1,350		
		Width	mm	840		950		950		
		Depth	mm	330		330 + 30		330 + 30		
	Weight	kg	53		58	75	123			
	Air Volume(High)	m ³ /min	49		60		100			
	Sound Level(High) Cool(Silent) - Heat	dB(A)	53 - 55		50 (47) - 54		51 (48) - 55		52 (49) - 56	
	Max Running Current	A	16		28	28	29.5			
Ext. Piping	Breaker Size	A	20		32		40			
	Diameter	Gas / Liquid ()	mm	12.7 / 6.35	15.88 / 6.35		15.88 / 9.52		15.88 / 9.52	
Max. Length / Height		m	30 / 15		50 / 30					
Guaranteed Operating Range [Outdoor]	Cooling*	°C	-10 ~ +43		-5* ~ +46		-15 ~ +21			
	Heating	°C	-10 ~ +24		-15 ~ +21					

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PCZ-P HA series

for Professional Kitchen use

STANDARD INVERTER

R410A

HEAT PUMP



Indoor Unit



Outdoor Unit



PUHZ-P125

Remote Controller



PSZ-P series

STANDARD INVERTER

R410A

HEAT PUMP



Indoor Unit



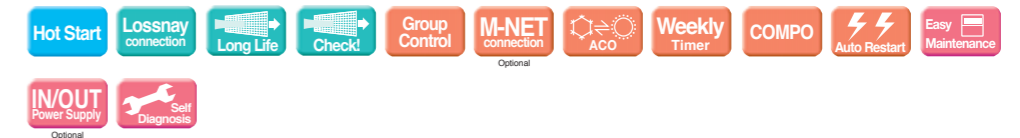
Outdoor Unit



PUHZ-P100

PUHZ-P125/140

Built-in Controller



Stainless steel Ceiling Suspended Type for Kitchen use Specifications

Type		Inverter Heat Pump			
Indoor Unit		PCA-RP125HA			
Outdoor Unit		PUHZ-P125VHA			
Power Supply [V, Phase, Hz]		230V - Single - 50Hz - Outdoor power Supply			
Cooling	Capacity	Rated	kW	12.3	
		Min - Max	kW	5.5 - 14.0	
	Total Input	Rated	kW	4.38	
	EER			2.81	
		EEL Rank		C	
Heating	Capacity	Rated	kW	13.8	
		Min - Max	kW	5.0 - 16.0	
	Total Input	Rated	kW	4.30	
	COP			3.21	
		EEL Rank		C	
Indoor	Dimensions	Height	mm	280	
		Width	mm	1,520	
		Depth	mm	650	
	Weight	kg		56	
	Air Volume (Lo-Hi)	m ³ /min		30 - 38	
	External Static Pressure	Pa		0	
	Sound Level (Lo-Hi)	dB(A)		44 - 50	
Outdoor	Dimensions	Height	mm	1,350	
		Width	mm	950	
		Depth	mm	330 + 30	
	Weight	kg		123	
	Air Volume(High)	m ³ /min		100	
	Sound Level(High)	Cool(Silent) - Heat	dB(A)		51 (48) - 55
	Max Running Current	A		28	
Breaker Size	A		32		
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52	
	Max. Length / Height		m	50 / 30	
Guaranteed Operating Range [Outdoor]	Cooling*	°C		-5* ~ +46	
	Heating	°C		-15 ~ +21	

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

Floor Standing Type Specifications

Type		Inverter Heat Pump			
Indoor Unit		PSA-RP100GA	PSA-RP125GA	PSA-RP140GA	
Outdoor Unit		PUHZ-P100VHA	PUHZ-P125VHA	PUHZ-P140VHA	
Power Supply [V, Phase, Hz]		230V - Single - 50Hz - Outdoor power Supply			
Cooling	Capacity	Rated	kW	9.4	
		Min - Max	kW	4.9 - 11.2	
	Total Input	Rated	kW	3.12	
	EER			3.01	
		EEL Rank		B	
Heating	Capacity	Rated	kW	11.2	
		Min - Max	kW	4.5 - 12.5	
	Total Input	Rated	kW	3.28	
	COP			3.41	
		EEL Rank		D	
Indoor	Dimensions	Height	mm	1,900	
		Width	mm	600	
		Depth	mm	350	
	Weight	kg		51	
	Air Volume (Lo-Hi)	m ³ /min		24 - 31	
	External Static Pressure	Pa		0	
	Sound Level (Lo-Hi)	dB(A)		44 - 49	
Outdoor	Dimensions	Height	mm	943	
		Width	mm	950	
		Depth	mm	330 + 30	
	Weight	kg		75	
	Air Volume(High)	m ³ /min		60	
	Sound Level(High)	Cool(Silent) - Heat	dB(A)		50 (47) - 54
	Max Running Current	A		28	
Breaker Size	A		32		
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52	
	Max. Length / Height		m	50 / 30	
Guaranteed Operating Range [Outdoor]	Cooling*	°C		-5* ~ +46	
	Heating	°C		-15 ~ +21	

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PLH-P series

FIXED SPEED

R410A HEAT PUMP

Indoor Unit



Outdoor Unit



Remote Controller



4-way Ceiling Cassette Type Specifications

Type		Non-Inverter Heat Pump					
Indoor Unit		PLA-RP71AA / [PLH-P71AAH]	PLA-RP100AA2 / [PLH-P100AAH]	PLA-RP125AA2 / [PLH-P125AAH]	PLA-RP140AA2 / [PLH-P140AAH]		
Outdoor Unit		PUH-P71VHA / YHA	PUH-P100VHA / YHA	PUH-P125YHA	PUH-P140YHA		
Power Supply [V, Phase, Hz]		VHA: 230V - Single - 50Hz - Outdoor power Supply YHA: 400V - Three - 50Hz - Outdoor power Supply					
Cooling	Capacity	Rated	kW	8.0	10.0	12.3	14.2
	Total Input	Rated	kW	2.83	3.53	4.36	5.41
	EER			2.83	2.83	2.82	2.62
		EEL Rank		C	C	C	D
Heating	Capacity	Rated [With Heater]*2	kW	9.0 [10.93]	11.5	14.3	17.0
	Total Input	Rated [With Heater]*2	kW	2.82 [4.75]	3.40	4.23	5.35
	COP			3.19	3.38	3.38	3.18
		EEL Rank		D	C	C	D
Indoor	Dimensions	Height	mm	258 (Panel : 30)	298 (Panel : 30)		
		Width	mm	840 (Panel : 950)	840 (Panel : 950)		
		Depth	mm	840 (Panel : 950)	840 (Panel : 950)		
	Weight [With Heater]*2	kg	24 [26] (panel:5)	32(panel:5)			
	Air Volume (Lo - Mi2 - Mi1 - Hi)	m ³ /min	15 - 16 - 18 - 20	19 - 21 - 23 - 27	24 - 25 - 27 - 30	24 - 25 - 27 - 30	
	External Static Pressure	Pa	0	0	0	0	
	Sound Level (Lo - Mi2 - Mi1 - Hi)	dB(A)	28 - 30 - 32 - 34	33 - 36 - 39 - 41	37 - 40 - 43 - 45	37 - 40 - 43 - 45	
Outdoor	Dimensions	Height	mm	943	943	1,350	1,350
		Width	mm	950	950	950	950
		Depth	mm	330 + 30	330 + 30	330 + 30	330 + 30
	Weight	kg	93	94	131	131	
	Air Volume(High)	m ³ /min	55	65	100	100	
	Sound Level(High)	Cooling - Heating	dB(A)	49 - 50	50 - 52	50 - 52	51 - 53
Breaker Size	1 phase / 3 phase	A	32 / 16	32 / 16	25	25	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52			
	Max. Length / Height		m	50 / 50			
Guaranteed Operating Range [Outdoor]	Cooling*1	°C	-5*1 ~ +46				
	Heating	°C	-11 ~ +24				

*1 With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

*2 Figures in [] are for the indoor unit with a booster heater.

PL-P series

FIXED SPEED

R410A Cooling Only

Indoor Unit



Outdoor Unit



Remote Controller



4-way Ceiling Cassette Type Specifications

Type		Non-Inverter Cooling Only					
Indoor Unit		PLA-RP71AA	PLA-RP100AA2	PLA-RP125AA2	PLA-RP140AA2		
Outdoor Unit		PU-P71VHA / YHA	PU-P100VHA / YHA	PU-P125YHA	PU-P140YHA		
Power Supply [V, Phase, Hz]		VHA : 230V - Single - 50Hz - Outdoor power Supply YHA : 400V - Three - 50Hz - Outdoor power Supply					
Cooling	Capacity	Rated	kW	8.0	10.0	12.3	14.2
	Total Input	Rated	kW	2.83	3.53	4.36	5.41
	EER			2.83	2.83	2.82	2.62
		EEL Rank		C	C	C	D
Indoor	Dimensions	Height	mm	258(Panel:30)	298(Panel:30)		
		Width	mm	840(Panel:950)	840(Panel:950)		
		Depth	mm	840(Panel:950)	840(Panel:950)		
	Weight	kg	24(Panel:5)	32(Panel:5)			
	Air Volume (Lo-M2-M1-Hi)	m ³ /min	15 - 16 - 18 - 20	19 - 21 - 23 - 27	24 - 25 - 27 - 30	24 - 25 - 27 - 30	
Outdoor	Dimensions	Height	mm	943	943	1,350	1,350
		Width	mm	950	950	950	950
		Depth	mm	330 + 30	330 + 30	330 + 30	330 + 30
Weight	kg	93	94	131	131		
Air Volume(High)	m ³ /min	55	65	100	100		
Sound Level(High)	Cooling - Heating	dB(A)	49 - 50	50 - 52	50 - 52	51 - 53	
Breaker Size (A)	1 phase / 3 phase	A	32 / 16	32 / 16	25	25	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52			
	Max. Length / Height		m	50 / 50			
Guaranteed Operating Range [Outdoor]*		°C	-5* ~ +46				

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PEHD-P EA series

FIXED SPEED

R410A

HEAT PUMP

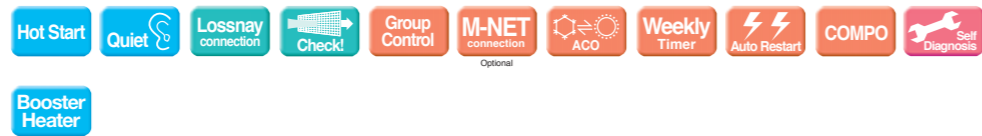
Indoor Unit



Outdoor Unit



Remote Controller



Ceiling Concealed Type Specifications

Type		Non-Inverter Heat Pump					
Indoor Unit		PEAD-RP71EA / [PEHD-P71EAH]	PEAD-RP100EA2 / [PEHD-P100EAH]	PEAD-RP125EA / [PEHD-P125EAH]	PEAD-RP140EA / [PEHD-P140EAH]		
Outdoor Unit		PUH-P71VHA / YHA	PUH-P100VHA / YHA	PUH-P125YHA	PUH-P140YHA		
Power Supply [V, Phase, Hz]		VHA : 230V - Single - 50Hz - Outdoor power Supply YHA : 400V - Three - 50Hz - Outdoor power Supply					
Cooling	Capacity	Rated	kW	7.9	10.0	12.3	14.2
	Total Input	Rated	kW	2.97	3.69	4.41	5.63
	EER			2.66	2.71	2.79	2.52
		EEL Rank		D	D	D	E
Heating	Capacity	Rated [With Heater]*2	kW	9.0 [10.93]	11.5 [13.71]	14.3 [17.06]	16.7 [19.46]
	Total Input	Rated [With Heater]*2	kW	3.11 [5.04]	3.42 [5.63]	4.32 [7.08]	5.28 [8.04]
	COP			2.89	3.36	3.31	3.16
		EEL Rank		D	C	C	D
Indoor	Dimensions	Height	mm	295	325	325	325
		Width	mm	1,175	1,415	1,415	1,715
		Depth	mm	740	740	740	740
	Weight [With Heater]*2	kg	44 [46]	65 [68]	65 [68]	70 [73]	
	Air Volume (Lo-Hi)	m ³ /min	20 - 25	33.5 - 42	33.5 - 42	36.5 - 46	
	External Static Pressure	Pa	70(with optional motor : 130)				
	Sound Level (Lo-Hi)	dB(A)	37 - 41(130Pa : 40 - 45)	44 - 50(130Pa : 46 - 52)	44 - 50(130Pa : 46 - 52)	46 - 51(130Pa : 47 - 53)	
Outdoor	Dimensions	Height	mm	943	943	1,350	1,350
		Width	mm	950	950	950	950
		Depth	mm	330 + 30	330 + 30	330 + 30	330 + 30
	Weight	kg	93	94	131	131	
	Air Volume(High)	m ³ /min	55	65	100	100	
Sound Level(High)	Cooling - Heating	dB(A)	49 - 50	50 - 52	50 - 52	51 - 53	
Breaker Size	1 phase / 3 phase	A	32 / 16	32 / 16	25	25	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52			
	Max. Length / Height	m	50 / 50				
Guaranteed Operating Range [Outdoor]	Cooling*1	°C	-5* ~ +46				
	Heating	°C	-11 ~ +24				

*1 With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

*2 Figures in [] are for the indoor unit with a booster heater.

PED-P EA series

FIXED SPEED

R410A

Cooling Only

Indoor Unit



Outdoor Unit



Remote Controller



Ceiling Concealed Type Specifications

Type		Non-Inverter Cooling Only					
Indoor Unit		PEAD-RP71EA	PEAD-RP100EA2	PEAD-RP125EA	PEAD-RP140EA		
Outdoor Unit		PU-P71VHA / YHA	PU-P100VHA / YHA	PU-P125YHA	PU-P140YHA		
Power Supply [V, Phase, Hz]		VHA : 230V - Single - 50Hz - Outdoor power Supply YHA : 400V - Three - 50Hz - Outdoor power Supply					
Cooling	Capacity	Rated	kW	7.9	10.0	12.3	14.2
	Total Input	Rated	kW	2.97	3.69	4.41	5.63
	EER			2.66	2.71	2.79	2.52
		EEL Rank		D	D	D	E
Indoor	Dimensions	Height	mm	295	325	325	325
		Width	mm	1,175	1,415	1,415	1,715
		Depth	mm	740	740	740	740
	Weight	kg	44	65	65	70	
	Air Volume (Lo-Hi)	m ³ /min	20 - 25	33.5 - 42	33.5 - 42	36.5 - 46	
	External Static Pressure	Pa	70(with optional motor : 130)				
Outdoor	Dimensions	Height	mm	943	943	1,350	1,350
		Width	mm	950	950	950	950
		Depth	mm	330 + 30	330 + 30	330 + 30	330 + 30
	Weight	kg	93	94	131	131	
	Air Volume(High)	m ³ /min	55	65	100	100	
Sound Level(High)	dB(A)	49 - 50	50 - 52	50 - 52	51 - 53		
Breaker Size	1 phase / 3 phase	A	32 / 16	32 / 16	25	25	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52			
	Max. Length / Height	m	50 / 50				
Guaranteed Operating Range [Outdoor]*	°C	-5* ~ +46					

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PEHD-P GA series

FIXED SPEED

R410A HEAT PUMP

Indoor Unit

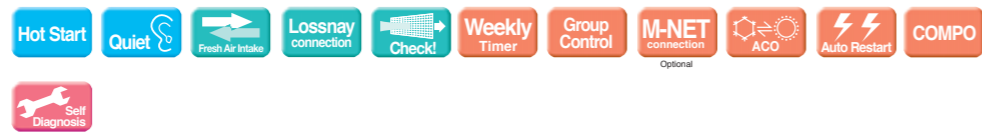


Outdoor Unit

Remote Controller



PUH-P71/100

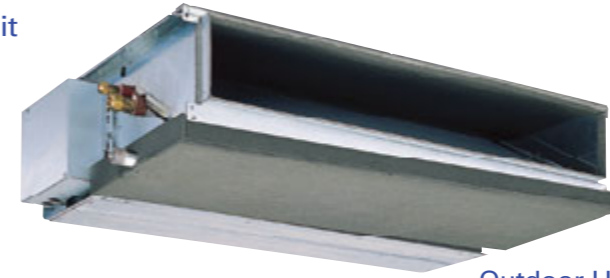


PED-P GA series

FIXED SPEED

R410A Cooling Only

Indoor Unit



Outdoor Unit

Remote Controller



PU-P71/100



Ceiling Concealed Type Specifications

Type		Non-Inverter Heat Pump			
Indoor Unit		PEAD-RP71GA / [PEHD-P71GAH]		PEAD-RP100GA / [PEHD-P100GAH]	
Outdoor Unit		PUH-P71VHA / YHA		PUH-P100VHA / YHA	
Power Supply [V, Phase, Hz]		VHA : 230V - Single - 50Hz - Outdoor power Supply YHA : 400V - Three - 50Hz - Outdoor power Supply			
Cooling	Capacity	Rated	kW	7.9	9.7
	Total Input	Rated	kW	2.97	3.98
	EER			2.66	2.44
		EEL Rank		D	E
Heating	Capacity	Rated	kW	9.0	11.5
	Total Input	Rated	kW	3.11	4.09
	COP			2.89	2.81
		EEL Rank		D	D
Indoor	Dimensions	Height	mm	275	275
		Width	mm	1,171	1,411
		Depth	mm	740	740
	Weight	kg	42	50	
	Air Volume (Lo-Hi)	m ³ /min	20 - 25	26.5 - 33	
	External Static Pressure	Pa	10 / 50 / 70	10 / 50 / 70	
	Sound Level (10/50/70Pa) (Lo-Hi)	dB(A)	10Pa:35 - 38 / 50Pa:37 - 41 / 70Pa:37 - 43	10Pa:40 - 43 / 50Pa:42 - 45 / 70Pa:42 - 46	
Outdoor	Dimensions	Height	mm	943	943
		Width	mm	950	950
		Depth	mm	330 + 30	330 + 30
	Weight	kg	93	94	
	Air Volume(High)	m ³ /min	55	65	
Sound Level (High)	Cooling - Heating	dB(A)	49 - 50	50 - 52	
Breaker Size	1 phase / 3 phase	A	32 / 16	32 / 16	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52	
	Max. Length / Height		m	50 / 50	
Guaranteed Operating Range [Outdoor]	Cooling*	°C	-5* ~ +46		
	Heating	°C	-11 ~ +24		

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

Ceiling Concealed Type Specifications

Type		Non-Inverter Cooling Only			
Indoor Unit		PEAD-RP71GA		PEAD-RP100GA	
Outdoor Unit		PU-P71VHA / YHA		PU-P100VHA / YHA	
Power Supply [V, Phase, Hz]		VHA : 230V - Single - 50Hz - Outdoor power Supply YHA : 400V - Three - 50Hz - Outdoor power Supply			
Cooling	Capacity	Rated	kW	7.9	9.7
	Total Input	Rated	kW	2.97	3.98
	EER			2.66	2.44
		EEL Rank		D	E
Indoor	Dimensions	Height	mm	275	275
		Width	mm	1,171	1,411
		Depth	mm	740	740
	Weight	kg	42	50	
	Air Volume (Lo-Hi)	m ³ /min	20 - 25	26.5 - 33	
	External Static Pressure	Pa	10 / 50 / 70	10 / 50 / 70	
	Sound Level (10/50/70Pa) (Lo-Hi)	dB(A)	10Pa:35 - 38 / 50Pa:37 - 41 / 70Pa:37 - 43	10Pa:40 - 43 / 50Pa:42 - 45 / 70Pa:42 - 46	
Outdoor	Dimensions	Height	mm	943	943
		Width	mm	950	950
		Depth	mm	330 + 30	330 + 30
	Weight	kg	93	94	
Air Volume (High)	m ³ /min	55	65		
Sound Level (High)	dB(A)	49 - 50	50 - 52		
Breaker Size	1 phase / 3 phase	A	32 / 16	32 / 16	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52	
	Max. Length / Height		m	50 / 50	
Guaranteed Operating Range [Outdoor]*		°C	-5* ~ +46		

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PKH-P series

FIXED SPEED

R410A HEAT PUMP

Indoor Units



PKA-RP FAL

Outdoor Unit

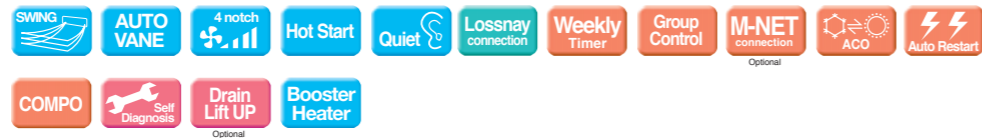


PUH-P71/100



Remote Controller

*optional



PK-P series

FIXED SPEED

R410A Cooling Only

Indoor Unit



PKA-RP FAL

Outdoor Unit



PU-P71/100



Remote Controller

*optional



Wall Mounted Type Specifications

Type		Non-Inverter Heat Pump			
Indoor Unit		PKA-RP71FAL / [PKH-P71FALH]		PKA-RP100FAL / [PKH-P100FALH]	
Outdoor Unit		PUH-P71VHA / YHA		PUH-P100VHA / YHA	
Power Supply [V, Phase, Hz]		VHA : 230V - Single - 50Hz - Outdoor power Supply YHA : 400V - Three - 50Hz - Outdoor power Supply			
Cooling	Capacity	Rated	kW	7.9	9.8
	Total Input	Rated	kW	2.84	3.50
	EER			2.78	2.80
		EEL Rank		D	D
Heating	Capacity	Rated [With Heater]*2	kW	8.8 [10.73]	11.5 [13.71]
	Total Input	Rated [With Heater]*2	kW	3.08 [5.01]	3.47 [5.68]
	COP			2.86	3.31
		EEL Rank		D	D
Indoor	Dimensions	Height	mm	340	340
		Width	mm	1,400	1,680
		Depth	mm	235	235
	Weight [With Heater]*2	Kg	24 [26]	28 [30]	
	Air Volume (Lo-Mi2-Mi1-Hi)	m ³ /min	15 - 20	22 - 28	
	External Static Pressure	Pa	0	0	
Sound Level (Lo-Mi2-Mi1-Hi)	dB(A)	39 - 45	41 - 46		
Outdoor	Dimensions	Height	mm	943	943
		Width	mm	950	950
		Depth	mm	330 + 30	330 + 30
	Weight	kg	93	94	
	Air Volume (High)	m ³ /min	55	65	
Sound Level (High)	Cooling - Heating	dB(A)	49 - 50	50 - 52	
Breaker Size	1 phase / 3 phase	A	32 / 16	32 / 16	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52	
	Max. Length / Height		mm	50 / 50	
Guaranteed Operating Range [Outdoor]	Cooling*1	°C	-5*1 ~ +46		
	Heating	°C	-11 ~ +24		

*1 With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

*2 Figures in [] are for the indoor unit with a booster heater.

Wall Mounted Type Specifications

Type		Non-Inverter Cooling Only			
Indoor Unit		PKA-RP71FAL		PKA-RP100FAL	
Outdoor Unit		PU-P71VHA / YHA		PU-P100VHA / YHA	
Power Supply [V, Phase, Hz]		VHA : 230V - Single - 50Hz - Outdoor power Supply YHA : 400V - Three - 50Hz - Outdoor power Supply			
Cooling	Capacity	Rated	kW	7.9	9.8
	Total Input	Rated	kW	2.84	3.50
	EER			2.78	2.80
		EEL Rank		D	D
Indoor	Dimensions	Height	mm	340	340
		Width	mm	1,400	1,680
		Depth	mm	235	235
	Weight	kg	24	28	
	Air Volume (Lo-Mi2-Mi1-Hi)	m ³ /min	15 - 20	22 - 28	
	External Static Pressure	Pa	0	0	
Sound Level (Lo-Mi2-Mi1-Hi)	dB(A)	39 - 45	41 - 46		
Outdoor	Dimensions	Height	mm	943	943
		Width	mm	950	950
		Depth	mm	330 + 30	330 + 30
	Weight	kg	93	94	
Air Volume (High)	m ³ /min	55	65		
Sound Level (High)	dB(A)	49 - 50	50 - 52		
Breaker Size	1 phase / 3 phase	A	32 / 16	32 / 16	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52	
	Max. Length / Height		m	50 / 50	
Guaranteed Operating Range	Outdoor*	°C	-5* ~ +46		

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PCH-P GA series

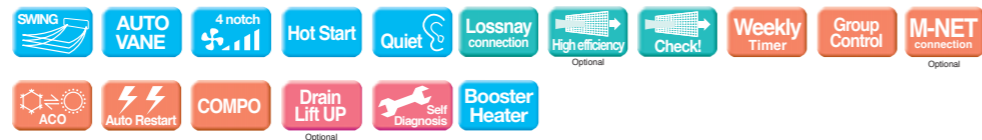
FIXED SPEED

R410A HEAT PUMP

Indoor Unit



Outdoor Unit



PC-P GA series

FIXED SPEED

R410A Cooling Only

Indoor Unit



Outdoor Unit



Ceiling Suspended Type Specifications

Type		Non-Inverter Heat Pump					
Indoor Unit		PCA-RP71GA / [PCH-P71GAH]	PCA-RP100GA / [PCH-P100GAH]	PCA-RP125GA / [PCH-P125GAH]	PCA-RP140GA / [PCH-P140GAH]		
Outdoor Unit		PUH-P71VHA / YHA	PUH-P100VHA / YHA	PUH-P125YHA	PUH-P140YHA		
Power Supply [V, Phase, Hz]		VHA : 230V - Single - 50Hz - Outdoor power Supply YHA : 400V - Three - 50Hz - Outdoor power Supply					
Cooling	Capacity	Rated	kW	7.6	9.8	12.3	14.2
	Total Input	Rated	kW	2.84	3.55	4.52	5.44
	EER			2.68	2.76	2.72	2.61
		EEL Rank		D	D	D	D
Heating	Capacity	Rated [with Heater]*2	kW	8.8 [10.73]	11.5 [13.98]	14.3 [17.06]	17.0 [19.76]
	Total Input	Rated [with Heater]*2	kW	2.76 [4.69]	3.45 [5.93]	4.72 [7.48]	5.22 [7.98]
	COP			3.19	3.33	3.03	3.26
		EEL Rank		D	C	D	C
Indoor	Dimensions	Height	mm	210	270	270	
		Width	mm	1,310	1,310	1,620	
		Depth	mm	680	680	680	
	Weight [with Heater]*2	kg	34 [36]	37 [39.5]	43 [46]	45 [48]	
	Air Volume (Lo-Mi2-Mi1-Hi)	m ³ /min	14 - 15 - 16 - 18	20 - 21 - 23 - 25	27 - 30 - 32 - 34	27 - 30 - 32 - 34	
	External Static Pressure	Pa	0	0	0	0	
	Sound Level (Lo-Mi2-Mi1-Hi)	dB(A)	37 - 39 - 41 - 43	40 - 41 - 43 - 45	41 - 43 - 45 - 46	42 - 44 - 46 - 48	
Outdoor	Dimensions	Height	mm	943	943	1,350	1,350
		Width	mm	950	950	950	
		Depth	mm	330 + 30	330 + 30	330 + 30	330
	Weight	kg	93	94	131	131	
	Air Volume (High)	m ³ /min	55	65	100	100	
Sound Level (High)	dB(A)	49 - 50	50 - 52	50 - 52	51 - 53		
Breaker Size	1 phase / 3 phase	A	32 / 16	25	25		
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52			
	Max. Length / Height			50 / 50			
Guaranteed Operating Range [Outdoor]	Cooling*1	°C	-5* ~ +46				
	Heating	°C	-11 ~ +24				

*1 With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

*2 Figures in [] are for the indoor unit with a booster heater.

Ceiling Suspended Type Specifications

Type		Non-Inverter Cooling Only					
Indoor Unit		PCA-RP71GA	PCA-RP100GA	PCA-RP125GA	PCA-RP140GA		
Outdoor Unit		PU-P71VHA / YHA	PU-P100VHA / YHA	PU-P125YHA	PU-P140YHA		
Power Supply [V, Phase, Hz]		VHA : 230V - Single - 50Hz - Outdoor power Supply YHA : 400V - Three - 50Hz - Outdoor power Supply					
Cooling	Capacity	Rated	kW	7.6	9.8	12.3	14.2
	Total Input	Rated	kW	2.84	3.55	4.52	5.44
	EER			2.68	2.76	2.72	2.61
		EEL Rank		D	D	D	D
Indoor	Dimensions	Height	mm	210	270	270	
		Width	mm	1,310	1,310	1,620	
		Depth	mm	680	680	680	
	Weight	kg	34	37	43	45	
	Air Volume (Lo-Mi2-Mi1-Hi)	m ³ /min	14 - 15 - 16 - 18	20 - 21 - 23 - 25	27 - 30 - 32 - 34	27 - 30 - 32 - 34	
Outdoor	Dimensions	Height	mm	943	943	1,350	1,350
		Width	mm	950	950	950	
		Depth	mm	330 + 30	330 + 30	330 + 30	330 + 30
Weight	kg	93	94	131	131		
Air Volume (High)	m ³ /min	55	65	100	100		
Sound Level (High)	dB(A)	49 - 50	50 - 52	50 - 52	51 - 53		
Breaker Size	1 phase / 3 phase	A	32 / 16	25	25		
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52			
	Max. Length / Height			50 / 50			
Guaranteed Operating Range [Outdoor]*			°C	-5* ~ +46			

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PCH-P HA series

for Professional Kitchen use

FIXED SPEED

R410A HEAT PUMP

Indoor Unit



Outdoor Unit



Remote Controller



PC-P HA series

for Professional Kitchen use

FIXED SPEED

R410A Cooling Only

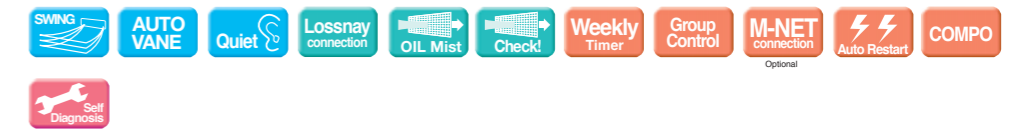
Indoor Unit



Outdoor Unit



Remote Controller



Stainless steel Ceiling Suspended Type for Kitchen use Specifications

Type		Non-Inverter Heat Pump			
Indoor Unit		PCA-RP71HA		PCA-RP125HA	
Outdoor Unit		PUH-P71VHA / YHA		PUH-P125YHA	
Power Supply [Source, V, Phase, Hz]		VHA : 230V - Single - 50Hz - Outdoor power Supply YHA : 400V - Three - 50Hz - Outdoor power Supply			
Cooling	Capacity	Rated	kW	7.5	12.3
	Total Input	Rated	kW	2.79	4.55
	EER			2.69	2.70
		EEL Rank		D	D
Heating	Capacity	Rated	kW	8.9	14.3
	Total Input	Rated	kW	2.85	5.01
	COP			3.12	2.85
		EEL Rank		D	D
Indoor	Dimensions	Height	mm	280	280
		Width	mm	1,136	1,520
		Depth	mm	650	650
	Weight	kg	41	56	
	Air Volume (Lo-Hi)	m ³ /min	17 - 19	30 - 38	
	External Static Pressure	Pa	0	0	
	Sound Level (Lo-Hi)	dB(A)	34 - 38	44 - 50	
Outdoor	Dimensions	Height	mm	943	1,350
		Width	mm	950	950
		Depth	mm	330 + 30	330 + 30
	Weight	kg	93	131	
	Air Volume (High)	m ³ /min	55	100	
Sound Level (High)	Cooling - Heating	dB(A)	49 - 50	50 - 52	
Breaker Size	1 phase / 3 phase	A	32 / 16	25	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52	
	Max. Length / Height		m	50 / 50	
Guaranteed Operating Range [Outdoor]	Cooling* ¹	°C	-5* ~ +46		
	Heating	°C	-11 ~ +24		

*¹ With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

Stainless steel Ceiling Suspended Type for Kitchen use Specifications

Type		Non-Inverter Cooling Only			
Indoor Unit		PCA-RP71HA		PCA-RP125HA	
Outdoor Unit		PU-P71VHA / YHA		PU-P125YHA	
Power Supply [V, Phase, Hz]		VHA : 230V - Single - 50Hz - Outdoor power Supply YHA : 400V - Three - 50Hz - Outdoor power Supply			
Cooling	Capacity	Rated	kW	7.5	12.3
	Total Input	Rated	kW	2.79	4.55
	EER			2.69	2.70
		EEL Rank		D	D
Indoor	Dimensions	Height	mm	280	280
		Width	mm	1,136	1,520
		Depth	mm	650	650
	Weight	kg	41	56	
	Air Volume (Lo-Hi)	m ³ /min	17 - 19	30 - 38	
Outdoor	Dimensions	Height	mm	943	1,350
		Width	mm	950	950
		Depth	mm	330 + 30	330 + 30
Weight	kg	93	131		
Air Volume (High)	m ³ /min	55	100		
Sound Level (High)	dB(A)	49 - 50	50 - 52		
Breaker Size	1 phase / 3 phase	A	32 / 16	25	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52	
	Max. Length / Height		m	50 / 50	
Guaranteed Operating Range [Outdoor]*		°C	-5* ~ +46		

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PSH-P series

FIXED SPEED

R410A HEAT PUMP

Indoor Unit

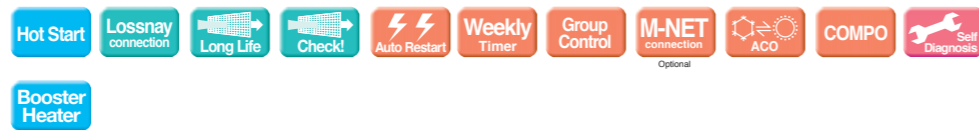


Outdoor Unit



PUH-P71/100 PUH-P125/140

Built-in Controller



PS-P series

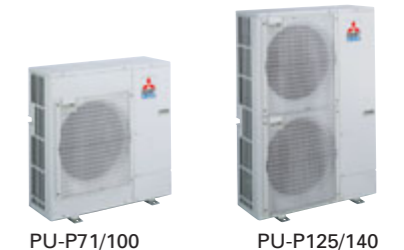
FIXED SPEED

R410A Cooling Only

Indoor Unit



Outdoor Unit



PU-P71/100 PU-P125/140

Built-in Controller



Floor Standing Type Specifications

Type				Non-Inverter Heat Pump			
Indoor Unit				PSA-RP71GA / [PSH-P71GAH]	PSA-RP100GA / [PSH-P100GAH]	PSA-RP125GA / [PSH-P125GAH]	PSA-RP140GA / [PSH-P140GAH]
Outdoor Unit				PUH-P71VHA / YHA	PUH-P100VHA / YHA	PUH-P125YHA	PUH-P140YHA
Power Supply [V, Phase, Hz]				VHA : 230V - Single - 50Hz - Outdoor power Supply YHA : 400V - Three - 50Hz - Outdoor power Supply			
Cooling	Capacity	Rated	kW	7.6	10.0	12.3	14.0
	Total Input	Rated	kW	2.88	3.66	4.54	5.53
	EER			2.64	2.73	2.71	2.53
		EEL Rank		D	D	D	E
Heating	Capacity	Rated [with Heater]*2	kW	9.0 [10.93]	11.5 [13.98]	14.3 [17.06]	17.0 [19.76]
	Total Input	Rated [with Heater]*2	kW	2.85 [4.78]	3.42 [5.90]	4.41 [7.17]	5.47 [8.23]
	COP			3.16	3.36	3.24	3.11
		EEL Rank		D	C	C	D
Indoor	Dimensions	Height	mm	1,900	1,900	1,900	
		Width	mm	600	600	600	
		Depth	mm	270	350	350	
	Weight [with Heater]*2	kg	43 [45]	51 [53]	51 [53]	53 [55]	
	Air Volume (Lo-Hi)	m ³ /min	15 - 18	24 - 31	26 - 33	27 - 35	
	External Static Pressure	Pa	0	0	0	0	
	Sound Level (Lo-Hi)	dB(A)	40 - 45	44 - 49	46 - 51	47 - 52	
Outdoor	Dimensions	Height	mm	943	943	1,350	1,350
		Width	mm	950	950	950	950
		Depth	mm	330 + 30	330 + 30	330 + 30	330 + 30
	Weight	kg	93	94	131	131	
	Sound Level (High)	dB(A)	49 - 50	50 - 52	50 - 52	51 - 53	
Breaker Size	1 phase / 3 phase	A	32 / 16	32 / 16	25	25	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52			
	Max. Length / Height	m		50 / 50			
Guaranteed Operating Range [Outdoor]	Cooling*1	°C	-5* ~ +46				
	Heating	°C	-11 ~ +24				

*1 With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

*2 Figures in [] are for the indoor unit with a booster heater.

Floor Standing Type Specifications

Type				Non-Inverter Cooling Only			
Indoor Unit				PSA-RP71GA	PSA-RP100GA	PSA-RP125GA	PSA-RP140GA
Outdoor Unit				PU-P71VHA / YHA	PU-P100VHA / YHA	PU-P125YHA	PU-P140YHA
Power Supply [V, Phase, Hz]				VHA : 230V - Single - 50Hz - Outdoor power Supply YHA : 400V - Three - 50Hz - Outdoor power Supply			
Cooling	Capacity	Rated	kW	7.6	10.0	12.3	14.0
	Total Input	Rated	kW	2.88	3.66	4.54	5.53
	EER			2.64	2.73	2.71	2.53
		EEL Rank		D	D	D	E
Indoor	Dimensions	Height	mm	1,900	1,900	1,900	
		Width	mm	600	600	600	
		Depth	mm	270	350	350	
	Weight	kg	43	51	51	53	
	Air Volume (Lo-Hi)	m ³ /min	15 - 18	24 - 31	26 - 33	27 - 35	
Outdoor	Dimensions	Height	mm	943	943	1,350	1,350
		Width	mm	950	950	950	950
		Depth	mm	330 + 30	330 + 30	330 + 30	330 + 30
Weight	kg	93	94	131	131		
Air Volume (High)	m ³ /min	55	65	100	100		
Sound Level (High)	dB(A)	49 - 50	50 - 52	50 - 52	51 - 53		
Breaker Size	1 phase / 3 phase	A	32 / 16	32 / 16	25	25	
Ext. Piping	Diameter	Gas / Liquid ()	mm	15.88 / 9.52			
	Max. Length / Height	m		50 / 50			
Guaranteed Operating Range [Outdoor]*		°C	-5* ~ +46				

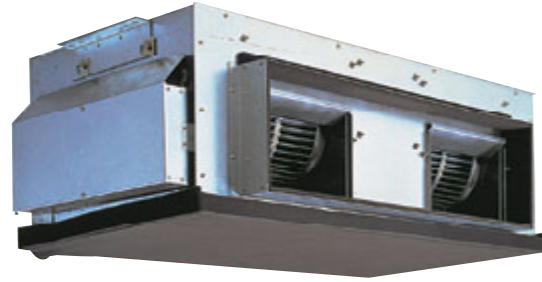
* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

PEH series

FIXED SPEED

R407C HEAT PUMP

Indoor Unit



Outdoor Unit



PUH-P200/250

Remote Controller



Multi system

Ceiling Concealed Type Specifications

Type				Non-Inverter Heat Pump		
Indoor Unit				PEH-RP200MYA	PEH-RP250MYA	
Outdoor Unit				PUH-P200MYA	PUH-P250MYA	
Power Supply [V, Phase, Hz]				400V, 3 phase, 50Hz		
Cooling	Capacity	Rated	kW	20.9	26.0	
	Total Input	Rated	kW	7.92	9.96	
	EER			2.64	2.61	
		EEL Rank		D	D	
Heating	Capacity	Rated	kW	23.7	30.5	
	Total Input	Rated	kW	7.82	9.56	
	COP			3.03	3.19	
		EEL Rank		D	D	
Indoor	Dimensions	Height	mm	428	428	
		Width	mm	1,380	1,580	
		Depth	mm	650	650	
	Weight		kg	70	80	
	Air Volume		m ³ /min	16.6	22.2	
	External Static Pressure		Pa	50 / 150	50 / 150	
	Sound Level		dB(A)	53 (at 50Pa)	57 (at 50pa)	
	Outdoor	Dimensions	H x W x D	mm	1,715 x 990 x 840	1,715 x 990 x 840
Weight			kg	215	220	
Air Volume (High)			m ³ /min	185	185	
Sound Level (High)			dB(A)	56	57	
Running Current		Cooling - Heating	A	13.0 - 12.8	16.0 - 15.4	
Breaker Size				A	50	60
Ext. Piping	Diameter	Gas / Liquid ()	mm	25.4 / 12.7	28.58 / 12.7	
	Max. Length / Height		m	50 / 40	50 / 40	
Guaranteed Operating Range [Outdoor]	Cooling*		°C	0 ~ +43	0 ~ +43	
	Heating		°C	-12 ~ +15	-12 ~ +15	

* With the optional air protect guide, the operation at -15°C outdoor temperature is possible.

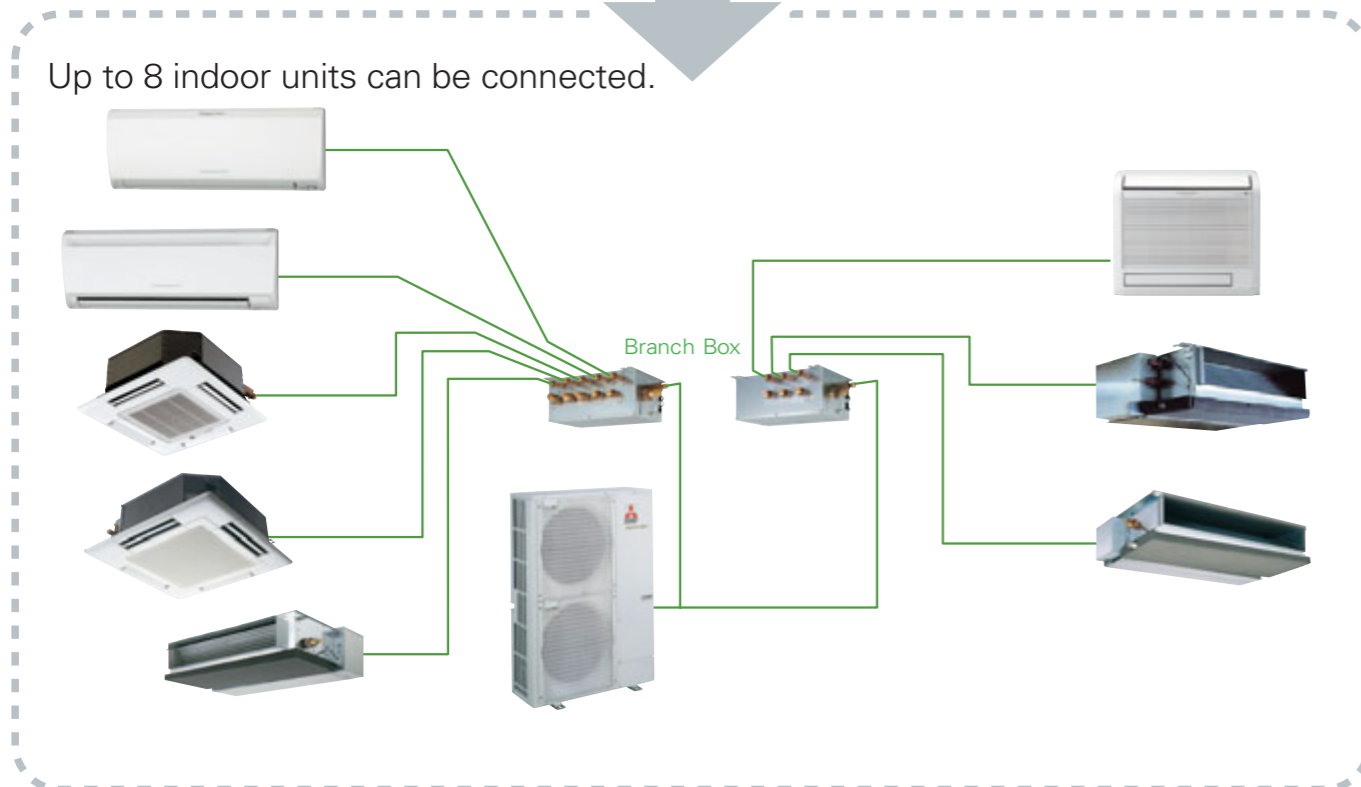
MXZ-8A140VA

A Variety of Indoor Units

Consisting of 28 Models in 10 Types Allows Your Best Selection.

Wall Mounted	Ceiling Cassette
MSZ-FA25/35VA	SLZ-KA25/35/50VA(L)
MSZ-GA22/25/35VA	
MSZ-GB50VA	PLA-RP35/50/60/71AA
MSZ-GA60/71VA	
Compact floor Standing	Ceiling Concealed
MFZ-KA25/35/50VA	SEZ-KC25VA
	SEZ-KA35/50/60/71VA
	PEAD-RP50/60/71EA
	PEAD-RP60/71GA

for example



MXZ-8A140VA Specifications

Type				Inverter Multi-Split - up to 8 indoor units	
Model Name (Outdoor unit)				MXZ-8A140VA	
Power Supply [V, Phase, Hz, Source]				220 / 230 / 240, single, 50, outdoor Power Supply	
Cooling	Capacity	Rated	kW	14.0	
	Power Input *1		kW	3.79	
	EER *2			3.52	
		EEL Rank		A	
	SPL	Rated - Silent	dB(A)	50 - 47	
	Air Volume		m ³ /min	100	
Heating	Capacity	Rated	kW	16.0	
	Power Input *1		kW	3.90	
	COP *2			3.91	
		EEL Rank		A	
	SPL	Rated	dB(A)	52	
	Air Volume		m ³ /min	100	
Number of Connectable Indoor units				Max. 8	
Max. Total Capacity of all Indoor Units				kW	
Max. Running Current				A	
Breaker Size				A	
Outdoor	Dimensions	Height	mm	1,350	
		Width	mm	950	
		Depth	mm	330	
	Weight		kg	128	
Ext. Piping	Diameter	Liquid ()	mm ²	9.52 x 1	
		Gas ()	mm ²	15.88 x 1	
	Max. Length	Total / Each	m	115 / 70	
	Max. Height *3		m	30 (20)	
Guaranteed Operating Range [Outdoor]	Cooling		°C	-5 ~ 46°C	
	Heating		°C	-15 ~ 21°C	

*1) The "power input" data is only for outdoor units.

*2) In case of connecting 3 units of MSZ-GA60VA. COP is for the whole system including indoor units and a branch box.

*3) In case of installing outdoor unit lower than indoor unit : 20m

PAC-AK30/50BC Branch Boxes Specifications

Type				Branch Box	
Model Name				PAC-AK50BC	PAC-AK30BC
Connectable Number of Indoor Units				Max. 5	Max. 3
Power Supply [V, Phase, Hz, Source]				220 / 230 / 240, single, 50, Outdoor Power Supply	
Power Input				kW	
Running Current				A	
Drain Hose* Size				mm	
Dimensions [HxWxD]				mm	
Weight				kg	
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
Wiring to Indoor Unit				3-wire + Earth wire	
to Outdoor Unit				3-wire + Earth wire	

*to be locally purchased

Piping Length and Height Differential

			MAX
Total piping	(A+B+C+D+E+F+G+H+I+J)		115m
Outdoor	Branch Box	(A+B)	55m
Branch Box	Indoor	(C+D+E+F+G+H+I+J)	60m
Outdoor	Indoor	(Each C, D, E, F, G, H, I, J)	15m
Height difference	Outdoor - Indoor	(Farthest)	70m
	Outdoor - Indoor		30m
	Outdoor - Branch Box		30m
	Branch Box - Indoor		15m
Indoor - Indoor			12m

In case of installing outdoor unit lower than indoor unit : 20m.

NOTE: Electrical data is for outdoor unit only.

Indoor units combination	Cooling capacity (kW)					Outdoor unit power consumption (kW)	Current (A)	Power factor (%)
	Unit A	Unit B	Unit C	Unit D	Total			
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	1.9	1.9	1.9	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 + 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	1.4	1.4	1.4	3.81	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 + 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 + 50	1.36	1.36	2.18	3.1	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	2.6	7.95 (3.7 - 9.2)	2.210 (0.810 - 2.650)	9.71	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 + 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	1.4	2.2	2.2	2.2	8.0 (3.7 - 9.2)	2.200 (0.810 - 2.610)	9.66	99
22 + 35 + 35 + 50	1.24	1.97	1.97	2.82	8.0 (3.7 - 9.2)	2.080 (0.790 - 2.580)	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 + 50	1.6	1.6	1.6	3.2	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 + 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
35 + 35 + 35 + 35	2.0	2.0	2.0	2.0	8.0 (3.7 - 9.2)	2.190 (0.810 - 2.580)	9.62	99

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	Total			
22	3.3	—	—	—	3.3 (1.2 - 4.2)	1.050 (0.340 - 1.380)	4.61	99
25	3.6	—	—	—	3.6 (1.2 - 4.5)	1.110 (0.340 - 1.510)	4.87	99
35	4.0	—	—	—	4.0 (1.2 - 4.8)	1.210 (0.330 - 1.570)	5.31	99
50	7.2	—	—	—	7.2 (1.4 - 8.2)	2.270 (0.330 - 2.710)	9.97	99
60	7.9	—	—	—	7.9 (1.4 - 8.6)	2.700 (0.330 - 3.060)	11.86	99
71	8.6	—	—	—	8.6 (1.6 - 9.2)	3.220 (0.360 - 3.520)	14.14	99
22 + 22	3.3	3.3	—	—	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 + 50	2.72	6.2	—	—	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	3.6	3.6	—	—	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 + 50	3.0	6.0	—	—	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	2.42	6.98	—	—	9.4 (1.8 - 10.1)	2.710 (0.460 - 3.260)	11.90	99
35 + 35	4.0	4.0	—	—	8.0 (1.8 - 9.8)	2.370 (0.480 - 3.230)	10.41	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	3.1	6.3	—	—	9.4 (1.8 - 10.5)	2.560 (0.460 - 3.420)	11.24	99
50 + 50	4.7	4.7	—	—	9.4 (1.9 - 11.2)	2.370 (0.440 - 3.320)	10.41	99
50 + 60	4.27	5.13	—	—	9.4 (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	4.7	4.7	—	—	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	2.9	2.9	2.9	—	8.7 (2.6 - 10.6)	2.150 (0.530 - 3.060)	9.44	99
22 + 22 + 25	2.84	2.81	3.19	—	8.8 (2.6 - 11.1)	2.170 (0.530 - 3.330)	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 + 50	2.2	2.2	5.0	—	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	1.8	1.8	5.8	—	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 + 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	2.2	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	2.25	3.58	3.58	—	9.4 (2.6 - 11.6)	2.210 (0.530 - 3.400)	9.71	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	1.7	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	4.67	—	9.4 (2.7 - 11.6)	1.960 (0.490 - 3.100)	8.61	99
25 + 25 + 25	3.0	3.0	3.0	—	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 + 50	2.35	2.35	4.7	—	9.4 (2.6 - 11.6)	2.090 (0.510 - 3.320)	9.18	99
25 + 25 + 60	2.14	2.14	5.13	—	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 + 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	4.7	—	9.4 (2.7 - 11.6)	2.030 (0.510 - 3.230)	8.92	99
25 + 35 + 71	1.79	2.51	5.09	—	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 + 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

Combination table

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	Total			
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 + 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	2.2	2.2	2.5	2.5	9.4 (3.4 - 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 + 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	1.6	1.6	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 + 50	1.6	1.6	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	2.2	2.2	3.07	9.4 (3.4 - 11.6)	1.920 (0.590 - 3.370)	8.43	99
22 + 25 + 25 + 50	1.7	1.93	1.93	3.85	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 + 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 + 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 + 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 + 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
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

MXZ-4A71VA

NOTE: Electrical data is for outdoor unit only.

Indoor units combination	Cooling capacity (kW)					Outdoor unit power consumption (kW)	Current (A)	Power factor (%)
	Unit A	Unit B	Unit C	Unit D	Total			
22	2.2				2.2 (1.4 - 3.0)	0.590 (0.420 - 0.740)	2.59	99
25	2.5				2.5 (1.4 - 3.3)	0.660 (0.420 - 0.830)	2.90	99
35	3.5				3.5 (1.5 - 4.3)	0.950 (0.430 - 1.180)	4.17	99
50	5.0				5.0 (1.6 - 5.6)	1.500 (0.480 - 1.660)	6.59	99
60	6.0				6.0 (1.6 - 6.0)	2.110 (0.480 - 2.290)	9.27	99
22 + 22	2.2	2.2			4.4 (2.0 - 5.4)	1.180 (0.540 - 1.450)	5.18	99
22 + 25	2.2	2.5			4.7 (2.0 - 5.8)	1.300 (0.540 - 1.630)	5.71	99
22 + 35	2.2	3.5			5.7 (2.0 - 6.6)	1.800 (0.540 - 2.100)	7.91	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	2.5	2.5			5.0 (2.0 - 6.0)	1.420 (0.540 - 1.750)	6.24	99
25 + 35	2.5	3.5			6.0 (2.0 - 7.1)	2.010 (0.540 - 2.540)	8.83	99
25 + 50	2.27	4.53			6.8 (2.0 - 7.1)	2.440 (0.550 - 2.590)	10.72	99
25 + 60	2.0	4.8			6.8 (2.0 - 7.1)	2.460 (0.550 - 2.600)	10.80	99
35 + 35	3.4	3.4			6.8 (2.0 - 7.1)	2.570 (0.540 - 2.550)	11.29	99
35 + 50	2.8	4.0			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	3.4	3.4			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	3.4	3.4			6.8 (2.1 - 7.1)	2.420 (0.580 - 2.630)	10.63	99
22 + 22 + 22	2.2	2.2	2.2		6.6 (2.9 - 8.1)	1.750 (0.670 - 2.390)	7.69	99
22 + 22 + 25	2.2	2.2	2.5		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 + 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	1.5	1.5	4.1		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 + 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	1.7	2.7	2.7		7.1 (2.9 - 8.5)	1.990 (0.670 - 2.690)	8.74	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 + 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 + 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 + 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)	1.950 (0.800 - 2.750)	8.56	99
22 + 22 + 22 + 25	1.72	1.72	1.72	1.94	7.1 (3.7 - 8.8)	1.950 (0.800 - 2.750)	8.56	99
22 + 22 + 22 + 35	1.55	1.55	1.55	2.45	7.1 (3.7 - 8.8)	1.950 (0.800 - 2.750)	8.56	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)	1.950 (0.800 - 2.750)	8.56	99
22 + 22 + 25 + 35	1.5	1.5	1.71	2.39	7.1 (3.7 - 8.8)	1.950 (0.800 - 2.750)	8.56	99
22 + 22 + 25 + 50	1.31	1.31	1.5	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)	8.56	99
22 + 25 + 25 + 25	1.61	1.83	1.83	1.83	7.1 (3.7 - 8.8)	1.950 (0.800 - 2.750)	8.56	99
22 + 25 + 25 + 35	1.46	1.66	1.66	2.32	7.1 (3.7 - 8.8)	1.950 (0.800 - 2.750)	8.56	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)	8.56	99
25 + 25 + 25 + 25	1.77	1.77	1.77	1.77	7.1 (3.7 - 8.8)	1.950 (0.800 - 2.750)	8.56	99
25 + 25 + 25 + 35	1.61	1.61	1.61	2.27	7.1 (3.7 - 8.8)	1.950 (0.800 - 2.750)	8.56	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)	1.950 (0.800 - 2.750)	8.56	99

Combination table

NOTE: Electrical data is for outdoor unit only.

Indoor units combination	Heating capacity (kW)				Total	Outdoor unit power consumption (kW)	Current (A)	Power factor (%)
	Unit A	Unit B	Unit C	Unit D				
22	3.3				3.3 (1.2 - 4.2)	0.820 (0.380 - 1.090)	3.60	99
25	3.6				3.6 (1.2 - 4.5)	0.910 (0.380 - 1.190)	4.00	99
35	4.0				4.0 (1.2 - 4.8)	1.040 (0.380 - 1.300)	4.57	99
50	7.2				7.2 (1.4 - 8.2)	1.880 (0.370 - 2.300)	8.26	99
60	7.9				7.9 (1.4 - 8.6)	2.150 (0.360 - 2.410)	9.44	99
22 + 22	3.3	3.3			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 + 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	3.6	3.6			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 + 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	4.3	4.3			8.6 (1.8 - 9.0)	2.030 (0.410 - 2.390)	8.92	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	4.3	4.3			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	4.3	4.3			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 + 50	2.01	2.01	4.58		8.6 (2.6 - 9.0)	1.860 (0.480 - 1.996)	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 + 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 + 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 + 50	2.15	2.15	4.3		8.6 (2.6 - 9.0)	1.860 (0.480 - 1.996)	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 + 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 + 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)	1.930 (0.600 - 1.960)	8.48	99
22 + 22 + 22 + 25	2.08	2.08	2.08	2.36	8.6 (3.4 - 9.0)	1.930 (0.600 - 1.960)	8.48	99
22 + 22 + 22 + 35	1.87	1.87	1.87	2.98	8.6 (3.4 - 9.0)	1.930 (0.600 - 1.960)	8.48	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)	1.930 (0.600 - 1.960)	8.48	99
22 + 22 + 25 + 35	1.82	1.82	2.07	2.89	8.6 (3.4 - 9.0)	1.930 (0.600 - 1.960)	8.48	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)	1.930 (0.600 - 1.960)	8.48	99
22 + 25 + 25 + 25	1.94	2.22	2.22	2.22	8.6 (3.4 - 9.0)	1.930 (0.600 - 1.960)	8.48	99
22 + 25 + 25 + 35	1.77	2.01	2.01	2.81	8.6 (3.4 - 9.0)	1.930 (0.600 - 1.960)	8.48	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)	1.930 (0.600 - 1.960)	8.48	99
25 + 25 + 25 + 25	2.15	2.15	2.15	2.15	8.6 (3.4 - 9.0)	1.930 (0.600 - 1.960)	8.48	99
25 + 25 + 25 + 35	1.95	1.95	1.95	2.75	8.6 (3.4 - 9.0)	1.930 (0.600 - 1.960)	8.48	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)	1.930 (0.600 - 1.960)	8.48	99

NOTE: Electrical data is for outdoor unit only.

Indoor units combination	Cooling capacity (kW)				Outdoor unit power consumption (kW)	Current (A)	Power factor (%)
	Unit A	Unit B	Unit C	Total			
22	2.2			2.2 (1.4 - 3.0)	0.590 (0.420 - 0.740)	2.59	99
25	2.5			2.5 (1.4 - 3.3)	0.660 (0.420 - 0.830)	2.90	99
35	3.5			3.5 (1.5 - 4.3)	0.950 (0.430 - 1.180)	4.17	99
50	5.0			5.0 (1.6 - 5.6)	1.500 (0.480 - 1.660)	6.59	99
22 + 22	2.2	2.2		4.4 (2.0 - 5.4)	1.180 (0.540 - 1.450)	5.18	99
22 + 25	2.2	2.5		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 + 50	1.65	3.75		5.4 (2.0 - 6.8)	1.580 (0.550 - 2.440)	6.94	99
25 + 25	2.5	2.5		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 + 50	1.8	3.6		5.4 (2.0 - 6.8)	1.580 (0.550 - 2.440)	6.94	99
35 + 35	2.7	2.7		5.4 (2.0 - 6.8)	1.600 (0.540 - 2.550)	7.03	99
35 + 50	2.22	3.18		5.4 (2.0 - 6.8)	1.530 (0.550 - 2.440)	6.72	99
50 + 50	2.7	2.7		5.4 (2.1 - 6.8)	1.550 (0.560 - 2.340)	6.81	99
22 + 22 + 22	1.8	1.8	1.8	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	1.5	1.5	2.4	5.4 (2.9 - 6.8)	1.295 (0.670 - 1.770)	5.69	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	2.3	5.4 (2.9 - 6.8)	1.295 (0.670 - 1.770)	5.69	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	1.3	2.05	2.05	5.4 (2.9 - 6.8)	1.295 (0.670 - 1.770)	5.69	99
25 + 25 + 25	1.8	1.8	1.8	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 + 50	1.35	1.35	2.7	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

Combination table

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	Total			
22	3.3			3.3 (1.2 - 4.2)	0.820 (0.380 - 1.090)	3.60	99
25	3.6			3.6 (1.2 - 4.5)	0.910 (0.380 - 1.190)	4.00	99
35	4.0			4.0 (1.2 - 4.8)	1.040 (0.380 - 1.300)	4.57	99
50	6.8			6.8 (1.4 - 8.2)	1.770 (0.370 - 2.300)	7.77	99
22 + 22	3.3	3.3		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 + 50	2.08	4.72		6.8 (1.8 - 9.0)	1.440 (0.390 - 2.220)	6.32	99
25 + 25	3.4	3.4		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 + 50	2.27	4.53		6.8 (1.8 - 9.0)	1.440 (0.390 - 2.220)	6.32	99
35 + 35	3.4	3.4		6.8 (1.8 - 9.0)	1.580 (0.410 - 2.390)	6.94	99
35 + 50	2.8	4.0		6.8 (1.8 - 9.0)	1.440 (0.410 - 2.220)	6.32	99
50 + 50	3.4	3.4		6.8 (1.9 - 9.0)	1.390 (0.360 - 2.040)	6.10	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 + 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 + 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
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	2.0	2.0	2.8	6.8 (2.6 - 9.0)	1.455 (0.500 - 2.120)	6.39	99
25 + 25 + 50	1.7	1.7	3.4	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

MXZ-2A52VA

NOTE: Electrical data is for outdoor unit only.

Indoor units combination	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 units combination	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

MXZ-2A40VA

NOTE: Electrical data is for outdoor unit only.

Indoor units combination	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 units combination	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

MSX series Multi-Split System

MUX-2A28VB 1 OUT DOOR UNIT 2 INDOOR UNITS



MUX-2A59VB 1 OUT DOOR UNIT 2 INDOOR UNITS



MUX-2A70VB 1 OUT DOOR UNIT 2 INDOOR UNITS



MUX-3A60VB 1 OUT DOOR UNIT 3 INDOOR UNITS



MUX-3A63VB 1 OUT DOOR UNIT 3 INDOOR UNITS



MUX-4A73VB 1 OUT DOOR UNIT 4 INDOOR UNITS



MSX Specifications

Type		Fixed-Speed Multi Split Cooling Only - up to 2 indoor units								
Model Name		MSX-2A28VB		MSX-2A59VB		MSX-2A70VB				
Indoor Unit		(A, B) MSC - GA20VB		(A) MSC - GA35VB / (B) MSC - GA20VB		(A, B) MSC - GA35VB		(A or B) (A + B)		
Outdoor Unit		MUX-2A28VB		MUX-2A59VB		MUX-2A70VB				
Power Supply [V, Phase, Hz, Source]		230, Single, 50, Outdoor Power Supply								
Cooling	Capacity	Individual	kW	2.4	1.4 + 1.4	3.5	2.4	3.5 + 2.4	3.5	3.5 + 3.5
		Total	kW	2.4	2.8	3.5	2.4	5.9	3.5	7.0
	Power Input	Rated	kW	0.76	0.80	1.32	0.82	2.08	1.34	2.64
	EER			3.16	3.50	2.65	2.93	2.84	2.61	2.67
		EEL Rank		B	A	D	C	C	D	D
SPL [Outdoor]	Silent	dB(A)	49	49	52	52	52	52	52	
Air Volume [Outdoor]	High	CMM(m ³ /min)	31.9	31.9	41	41	41	41	41	
Max. Running Current			A	5.5	13.8		17.4			
Outdoor	Dimensions	Height	mm	540	640		640			
		Width	mm	780	840		840			
		Depth	mm	255	330		330			
Weight			kg	35	66		68			
Ext. Piping	Diameter	Liquid ()	mm	6.35 x 2		6.35 x 2		6.35 x 2		
		Gas ()	mm	9.52 x 2		9.52 x 2		9.52 x 2		
Max. Length / Max. Height			m	15 / 10		15 / 10		15 / 10		
Guaranteed Operating Range	Outdoor	°C	+21 ~ +43		+21 ~ +43		+21 ~ +43			

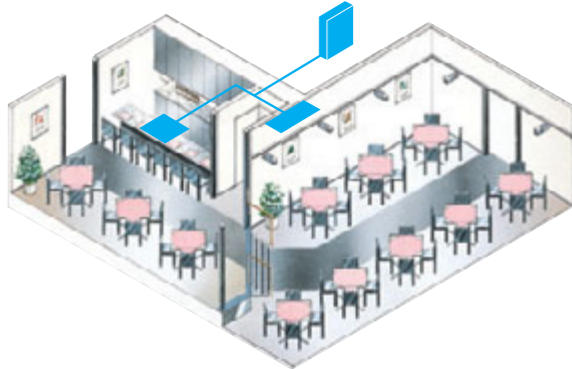
Type		Fixed-Speed Multi Split Cooling Only - up to 3 indoor units											
Model Name		MSX-3A60VB					MSX-3A63VB						
Indoor Unit		(A, B, C) MSC - GA25VB					(A) MSC - GA35VB / (B, C) MSC - GA20VB						
Outdoor Unit		MUX-3A60VB					MUX-3A63VB						
Power Supply [V, Phase, Hz, Source]		230, Single, 50, Outdoor Power Supply					230, Single, 50, Outdoor Power Supply						
Cooling	Capacity	Individual	kW	2.6	2.9	2.6 + 2.8	1.75 + 1.75	2.5 + 1.75 + 1.75	3.5	2.4	1.45 + 1.45	3.5 + 2.4	3.4 + 1.45 + 1.45
		Total	kW	2.6	2.9	5.4	3.5	6.0	3.5	2.4	2.9	5.9	6.3
	Power Input	Rated	kW	0.85	1.11	1.92	1.16	1.99	1.32	0.85	0.9	2.05	2.09
	EER			3.06	2.61	2.81	3.02	3.02	2.65	2.82	3.22	2.88	3.01
		EEL Rank		B	D	C	B	B	D	C	A	C	B
SPL [Outdoor]	Silent	dB(A)	52	52	52	52	52	52	52	52	52	52	
Air Volume [Outdoor]	High	CMM(m ³ /min)	41	41	41	41	41	41	41	41	41	41	
Max. Running Current			A	12.5					14.4				
Outdoor	Dimensions	Height	mm	640					640				
		Width	mm	840					840				
		Depth	mm	330					330				
Weight			kg	65					67				
Ext. Piping	Diameter	Liquid ()	mm	6.35 x 3					6.35 x 3				
		Gas ()	mm	9.52 x 3					9.52 x 3				
Max. Length / Max. Height			m	15 / 10					15 / 10				
Guaranteed Operating Range	Outdoor	°C	+21 ~ +43					+21 ~ +43					

Type		Fixed-Speed Multi Split Cooling Only - up to 4 indoor units											
Model Name		MSX-4A73VB											
Indoor Unit		(A, B) MSC - GA35VB, (C, D) MSC - GA25VB				(A + C, A + D, B + C or B + D, A + B + C or A + B + D, A + C + D or B + C + D, A + B + C + D)							
Outdoor Unit		MUX-4A73VB											
Power Supply [V, Phase, Hz, Source]		230, Single, 50, Outdoor Power Supply											
Cooling	Capacity	Individual	kW	3.4	2.75	1.95 + 1.95	1.7 + 1.7	3.4 + 2.7	1.95 + 1.95 + 2.8	3.4 + 1.7 + 1.7	1.95 + 1.95 + 1.7 + 1.7		
		Total	kW	3.4	2.75	3.9	3.4	6.1	6.7	6.8	7.3		
	Power Input	Rated	kW	1.22	1.05	1.29	1.13	2.17	2.22	2.25	2.36		
	EER			2.79	2.62	3.02	3.01	2.81	3.02	3.02	3.09		
		EEL Rank		D	D	B	B	C	B	B	B		
SPL [Outdoor]	Silent	dB(A)	52	52	52	52	52	52	52	52			
Air Volume [Outdoor]	High	CMM(m ³ /min)	46	46	46	46	46	46	46	46			
Max. Running Current			A	15.5									
Outdoor	Dimensions	Height	mm	850									
		Width	mm	840									
		Depth	mm	330									
Weight			kg	76									
Ext. Piping	Diameter	Liquid ()	mm	6.35 x 4									
		Gas ()	mm	9.52 x 4									
Max. Length / Max. Height			m	15 / 10									
Guaranteed Operating Range	Outdoor	°C	+21 ~ +43										

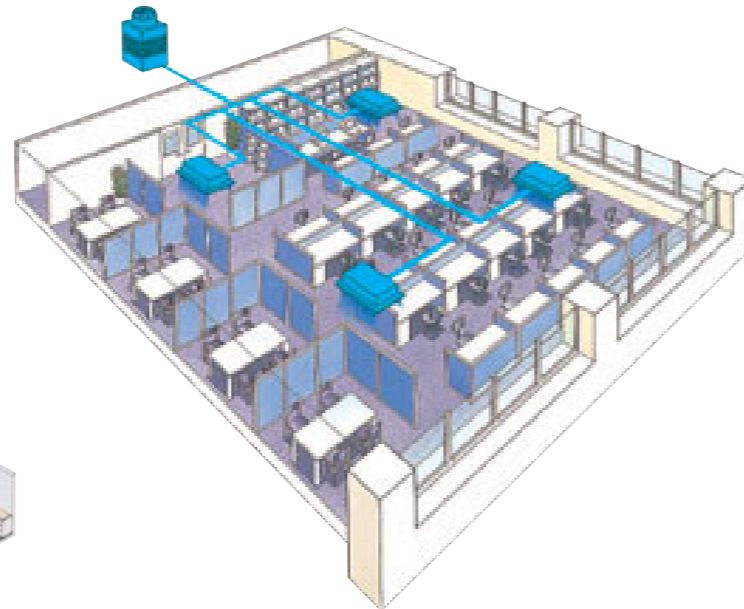
Mr.SLIM Multi-System

Multiple (2,3 & 4) indoor units can be operated simultaneously with a single outdoor unit.

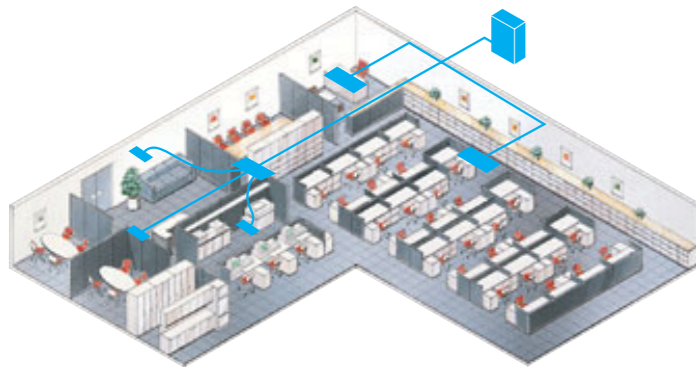
Twin allows the simultaneous operation of 2 indoor units on one floor.



Quadruple can realize the optimum temperature distribution even in a large space.



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



Advantages of Mr.SLIM Multi - System

1) Equally comfortable air conditioning for big space with multiple indoor units.

The simultaneous operation of up to 4 indoor units is possible. Optimum airflow distribution can be realized even in a large space thus providing comfort uniformly in the entire room. This feature is best suited to be applied to rooms likely having uneven temperature distribution, building floors requiring dispersed installation of indoor units, and large halls.

2) Various indoor unit combinations available.

- Combination pattern of indoor units
 - ✓ Same capacity - Same type
 - ✓ Same capacity - Different type
- As different types such as the cassette type and the ceiling suspended type are possible to be combined, a multi-system emphasizing the interior view can be constituted.

*The height difference between the indoor units must be less than 1m.

3) Automatic address setting for easy installation.

Refrigerant address setting for each indoor unit is not needed. This has contributed in shortening the wiring work time and improving reliability significantly.

4) Reduction of installation space of outdoor unit.

2 to 4 indoor units require only 1 outdoor unit, thus reducing the installation space.

System example



All indoor units can be controlled by 1 remote controller

Procedure of selection

Selection of Outdoor unit

Please choose an outdoor unit with capacity to cover the size (air conditioning load) of the installation space.

Selection of Indoor unit

Please choose indoor units (2~4 sets) taking into account the configuration of installation spaces and load conditions.

Selection of Distribution Pipe

Please choose one set of the Distribution Pipe (option) in compliance with a combined capacity ratio of the indoor units.

Combination chart

Mr. SLIM Inverter (PUHZ-RP / PUHZ-P)

Outdoor unit Capacity	Twin	Triple	Quadruple
	50 : 50	33 : 33 : 33	25 : 25 : 25 : 25
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

Mr. SLIM Fixed-Speed (PU(H)-P)

Outdoor unit Capacity	Twin	Triple	Quadruple
	50 : 50	33 : 33 : 33	25 : 25 : 25 : 25
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	MSDT-1111R-E

Indoor unit

	4 way cassette	Ceiling concealed	Wall mounted	Ceiling suspended	Floor standing	Kitchen
35	●	●	●			
50	●	●	●	●		
60	●	●	●	●		
71	●	●	●	●	●	●
100	●	●	●	●	●	
125	●	●		●	●	●

* Floor standing type can not be connected together with the indoor units of different type.

** With heater type indoor units can not be combined with those without heater.

Outdoor unit

	Outdoor Unit (capacity)					
	71	100	125	140	200	250
Power Inverter PUHZ-RP						
Standard Inverter PUHZ-P						
Fixed-Speed PU(H)-P					*	*

*R407C

Accessories

Model Name	Description	Compatible Models
MSDD-50SR-E	Distribution Pipe	PU(H)-P71/100/125/140 and PUHZ-RP/P71/100/125/140 Twin 50:50 use
MSDD-50WR-E	Distribution Pipe	PU(H)-P200/250 and PUHZ-RP200/250 Twin 50:50 use
MSDD-50AR-E	Distribution Pipe (to connect 2 branch boxes): flare connection type	MXZ-8A140VA (PAC-AK30/50BC)
MSDD-50BR-E	Distribution Pipe (to connect 2 branch boxes): brazing type	MXZ-8A140VA (PAC-AK30/50BC)
MSDT-111R-E	Distribution Pipe	PU(H)-P140/200/250 and PUHZ-RP/P140/200/250 Triple 33:33:33 use
SDT-112SA-E	Distribution Pipe	PU(H)-P140 and PUH-P200/250 Triple Use (25:25:50)
SDT-122SA-E	Distribution Pipe	PUH-P200/250 Triple 20:40:40 use
MSDF-111R-E	Distribution Pipe	PU(H)-P200/250 and PUHZ-RP200/250 Quadruple 25:25:25:25 use
PAC-SG72RJ-E	Joint Pipe (unit 6.35 pipe 9.52)	PUHZ-RP/P
PAC-SG73RJ-E	Joint Pipe (unit 9.52 pipe 12.7)	
PAC-SG74RJ-E	Joint Pipe (unit 12.7 pipe 15.88)	
PAC-SG75RJ-E	Joint Pipe (unit 15.88 pipe 19.05)	
PAC-SG76RJ-E	Joint Pipe (unit 9.52 pipe 15.88)	
PAC-493PI	Joint Pipe (unit 6.35 pipe 9.52)	MXZ-8A140VA (PAC-AK30/50BC)
MAC-A454JP-E	Joint Pipe (unit 9.52 pipe 12.7)	MXZ-A14/18, MXZ-3A/4A, MXZ-8A140VA (PAC-AK30/50BC)
MAC-A455JP-E	Joint Pipe (unit 12.7 pipe 9.52)	MXZ-4A, MXZ-8A140VA (PAC-AK30/50BC)
MAC-A456JP-E	Joint Pipe (unit 12.7 pipe 15.88)	MXZ-4A, MXZ-8A140VA (PAC-AK30/50BC)
PAC-SG81DR-E	Filter Dryer for Liquid Pipe of 6.35	PUHZ-RP35/50
PAC-SG82DR-E	Filter Dryer for Liquid Pipe of 9.52	PUHZ-RP60/71/100/125/140, MXZ-8A140VA
PAC-SG85DR-E	Filter Dryer for Liquid Pipe of 12.7	PUHZ-RP200/250
PAC-AK350CVR-E	Branch Box Outer Cover (for outdoor installation)	MXZ-8A140VA (PAC-AK30/50BC)
MAC-888SG	Air Outlet Guide	MXZ-2A
PAC-SF08SG-E	Air Outlet Guide	PU(H)-P (2 pieces required)
PAC-SG58SG-E	Air Outlet Guide (to change air blowing direction)	PUHZ-RP35/50: only 1 piece required
PAC-SG59SG-E	Air Outlet Guide	PUHZ-RP60/71: only 1 piece required
PAC-SG56AG-E	Air Protect Guide (for cooling at -15°C)	PUHZ-RP/P100/125/140, MXZ-8A140VA: 2 pieces required
PAC-SH63AG-E	Air Protect Guide (for cooling at -15°C)	PUHZ-RP35/50: only 1 piece required
PAC-SG86AG-E	Air Protect Guide (for cooling at -15°C, For Front & Rear side)	PUHZ-RP/P60/71: only 1 piece required
PAC-SG87AG-E	Air Protect Guide (for cooling at -15°C, For Right & Left side)	PUHZ-RP/P100/125/140
PAC-SF37DS-E	Drain Socket	PU(H)-P
PAC-SG61DS-E	Centralized Drain Pan	PUHZ-RP/P35/50/60/71/100/125/140, MXZ-8A140VA
PAC-SG63DP-E	Centralized Drain Pan	PUHZ-RP35/50
PAC-SG64DP-E	Centralized Drain Kit	PUHZ-RP/P60/71/100/125/140, MXZ-8A140VA, PU(H)-P
PAC-SG92DS-E	Program Timer	PUHZ-RP200/250
PAC-SC32PTA	Remote Sensor	All PU(H)-P and PUHZ-RP/P outdoor units (A-control)
PAC-SE41TS-E	Remote On/Off Adapter	All PU(H)-P and PUHZ-RP/P outdoor units (A-control)
PAC-SE55RA-E	Remote Operation Adapter	All PU(H)-P and PUHZ-RP/P outdoor units (A-control)
PAC-SF40RM-E	M-NET Converter	All PU(H)-P and PUHZ-RP/P outdoor units (A-control)
PAC-SF80MA-E	Control / Service Tool	All PU(H)-P and PUHZ-RP/P outdoor units (A-control)
PAC-SK52ST	A-Control Sub Interface	All PU(H)-P and PUHZ-RP/P outdoor units (A-control)
PAC-SK82SI-E	L-shape Connection Pipe	PKA-RP60/71FAL, PKA-RP50FAL2
PAC-SC84PI-E	L-shape Connection Pipe	PKA-RP100FAL for R410A use
PAC-SC86PI-E	Air Cleaning Filter	MCF(H)-GA35/50/60VB
MAC-1200FT	Air Cleaning Filter	MSC-GA20/25/35VB
MAC-1300FT	Air Cleaning Filter	MSI(H)-GA50/60/80VB, MSH-CB50VB
MAC-1700FT	Deodorizing Filter	MCF(H)-GA35/50/60VB
MAC-1700DF	Deodorizing Filter	MSZ-GA60/71VA
MAC-2300FT	Anti-Allergy Enzyme Filter	MSZ-GA22/25/35/GB50, MSZ-CB22/25/35
MAC-415FT-E	Deodorizing Ceramic Filter	MSZ-FA25/35VA
MAC-305FT-E	Deodorizing Ceramic Filter	MSZ-FA25/35VA
MAC-093SS-E	Quick Clean Kit	MSZ-GA25/35VA, MSZ-GA22/25/35/GB50, MSZ-CB22/25/35
MAC-3003CF	Catechin Air Filter	MSZ-HA
PAC-SE80KF-E	High Efficiency Filter	PCA-RP50GA, PCH-P50GAH
PAC-SE81KF-E	High Efficiency Filter	PCA-RP60/71/100GA, PCH-P60/71/100GAH
PAC-SE82KF-E	High Efficiency Filter	PCA-RP125/140GA, PCH-P125/140GAH
PAC-1000FT	Air Filter	SEZ-KA
PAC-SG38KF-E	Oil Mist Filter Element (12 pieces)	PCA-RP HA
PAC-SG01KF-E	High Efficiency Filter Element	PLA-RP AA, PLH-P AAH
PAC-SG03TM-E	Multi-Functional Casement	PLA-RP AA, PLH-P AAH
PAC-SG04AS-E	Space Panel	PLA-RP AA, PLH-P AAH
PAC-SG06SP-E	Shutter Plate (2 pieces)	PLA-RP AA, PLH-P AAH
PAC-KE03DM-G	Drain Pump for Ceiling Concealed models	PEAD-RP EA/GA, PEHD-P EA
PAC-SE90DM-E	Drain Pump for Wall Mounted models	PKA-RP60/71/100FAL, PKH-P60/71/100FALH
PAC-SH20DM-E	Drain Pump for Ceiling Suspended models	PCA-RP50/60GA, PCH-P50/60GAH
PAC-SH21DM-E	Drain Pump for Ceiling Suspended models	PCA-RP71GA, PCH-P71GAH
PAC-SH22DM-E	Drain Pump for Ceiling Suspended models	PCA-RP100/125/140GA, PCH-P100/125/140GAH
PAC-SF28OF-E	Duct Flange for Fresh Air	PCA-RP HA
PAC-SF81KC-E	Decoration Covers (Front & Suspension Bracket Cover)	PCA-RP71HA
PAC-SF82KC-E	Decoration Covers (Front & Suspension Bracket Cover)	PCA-RP125HA
MAC-397IF-E	MA & Contact Terminal Interface	MSZ-FA/GA/GB, MFZ-KA, SEZ-KA/KC, SLZ-KA
MAC-399IF-E	M-NET Interface	MSZ-FA/GA, MFZ-KA, SEZ-KA, SLZ-KA
MAC-821SC-E	Centralized On/Off Remote Controller (MAC-397IF-E required)	MSZ-FA/GA, MFZ-KA
PAR-21MAA-G	Wired Remote Controller (with Weekly Timer Function, MAC-397IF-E required)	MSZ-FA/GA, MFZ-KA
PAR-21MAAT-E	Wired Remote Controller Kit for Wall Mounted models	PKA-RP and PKH-P
PAR-SL99B-E	Wireless Remote Controller Kit for Ceiling Suspended models	PCA-RP and PCH-P
PAC-SG96HR-E	Power Supply Terminal Kit for new A-Control Indoor units (L/N/Earth)	PLA-RP, PKA-RP, PSA-RP, PCA-RP GA
PAC-SG97HR-E	Power Supply Terminal Kit for new A-Control Indoor units (L/N)	PEAD-RP EA/GA, PCA-RP HA
MAC-1200RC	Remote Controller Holder	MSZ-HA

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	1ph / 230V	1ph. 230V / 3 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 Way Cassette , "U"= Outdoor unit
Z	"Z"= Inverter Heat Pump , "H"= Fixed-Speed Heat Pump , "none"= Cooling Only
-	
F	Series
A	Generation
25	Rated cooling capacity (kW base)
V	V= 50Hz / 230V / 1 Phase
A	"A"= R410A with new A control , "B"= R410A with conventional control

2) P series

P	P series
U	"K"= Wall Mounted , "S"= Floor Standing , "L"= 4 Way Ceiling Cassette , "E"= Ceiling Concealed , "C"= Ceiling Suspended , "U"= Outdoor unit
H	"H"=Heat Pump , "blank"= Cooling Only
Z	"Z"=Inverter , "blank"= Fixed-Speed
-	
RP	"RP"= R410A & Cleaning Free Pipe Reuse , "P"=R410A
71	Rated cooling capacity (kW base)
V	"V"= 50Hz / 230V / 1 Phase , "Y"=50Hz / 400V / 3Phase
H	Generation
A	"A"= A control

3) Multi System

M	M series
X	"X"=Multi System Outdoor unit (Heat Pump) , "U"=Multi System Outdoor unit (Cooling Only)
Z	"Z"= Inverter Heat Pump , "X"=Fixed-Speed Cooling Only Multi System
-	
4	Maximum number of connectable indoor units
A	Generation
71	Rated cooling capacity (kW base)
V	"V"= 50Hz / 230V / 1 Phase
A	"A"= R410A with new A control , "B"= R410A with conventional control

