

S

SERIES



SELECTION

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

STEP 1	SELECT INDOOR UNIT
Select the optimal unit and capacity required to match room construction and air conditioning requirements.	
	
Units with Wired Remote Controller SLZ-KA25VA SLZ-KA35VA SLZ-KA50VA *Requires SLP-2AAW grille.	Units with Wired Remote Controller SEZ-KD25VA SEZ-KD35VA SEZ-KD50VA SEZ-KD60VA SEZ-KD71VA
Units with Wireless Remote Controller SLZ-KA25VAL SLZ-KA35VAL SLZ-KA50VAL *Requires SLP-2ALW grille.	Units with Wireless Remote Controller SEZ-KD25VAL SEZ-KD35VAL SEZ-KD50VAL SEZ-KD60VAL SEZ-KD71VAL

STEP 2	SELECT OUTDOOR UNIT
There is one outdoor unit for respective indoor units.	
	
SUZ-KA25/35VA	SUZ-KA50/60/71VA

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

SLZ SERIES

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

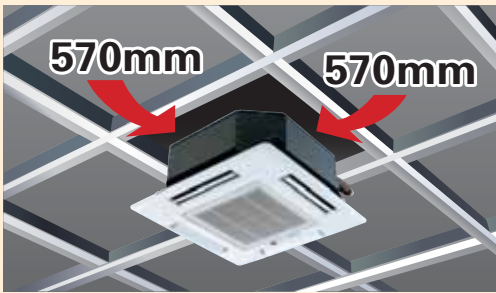
SLZ-KA25/35/50VA(L)



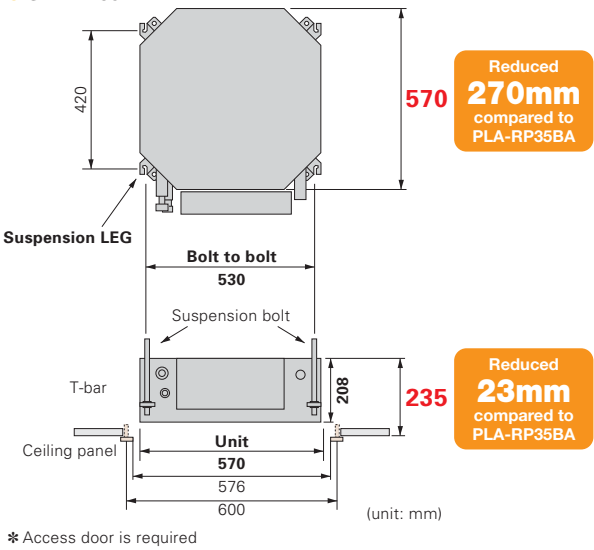
Compact Panel Size

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

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



● SLZ-KA35VA

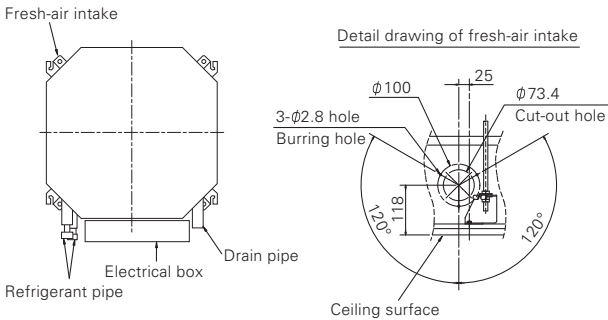


Advanced Inverter Control – Efficient Operation All the Time

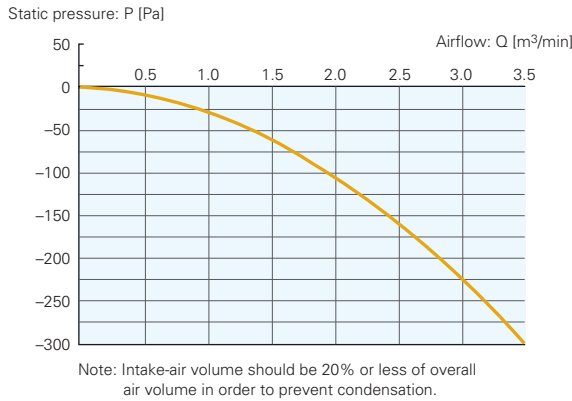
Mitsubishi Electric's cutting-edge inverter technologies are adopted to provide automatic adjustment of operation load according to need. This reduces excessive consumption of electricity, and thereby realises increased energy savings.

Fresh-air Intake

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



● Intake-air volume



SLZ-KA SERIES



Indoor Unit



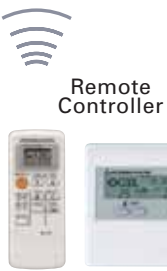
SLZ-KA25/35/50VA(L)

Outdoor Unit



SUZ-KA25/35VA

SUZ-KA50VA



Panel

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



Type				Inverter Heat Pump											
Indoor Unit				SLZ-KA25VA		SLZ-KA25VAL		SLZ-KA35VA		SLZ-KA35VAL		SLZ-KA50VA		SLZ-KA50VAL	
Outdoor Unit				SUZ-KA25VA				SUZ-KA35VA				SUZ-KA50VA			
Power Supply	Source			Outdoor power supply											
	Outdoor (V/Phase/Hz)			230 / Single / 50											
Cooling	Capacity	Rated	kW	2.5	2.5	3.5	3.5	4.6	4.6						
		Min - Max	kW	0.9 - 3.2	0.9 - 3.2	1.0 - 3.9	1.0 - 3.9	1.1 - 5.2	1.1 - 5.2						
	Total Input	Rated	kW	0.690	0.690	1.060	1.060	1.630	1.630						
	EER				3.62	3.62	3.30	3.30	2.82	2.82					
Heating	Capacity	Rated	kW	3.0	3.0	4.0	4.0	5.0	5.0						
		Min - Max	kW	0.9 - 4.5	0.9 - 4.5	0.9 - 5.0	0.9 - 5.0	0.9 - 6.5	0.9 - 6.5						
		Total Input	Rated	kW	0.830	0.830	1.100	1.100	1.550	1.550					
	COP				3.61	3.61	3.64	3.64	3.22	3.22					
		EEL Rank				A	A	A	A	C	C				
	Operating Current (max)				8.5	8.5	9.6	9.6	16.7	16.7					
Indoor Unit	Input	Rated	kW	0.040	0.040	0.052	0.052	0.053	0.053						
	Operating Current (max)		A	0.4	0.4	0.4	0.4	0.7	0.7						
	Dimensions	H x W x D	mm	235 - 570 - 570	235 - 570 - 570	235 - 570 - 570	235 - 570 - 570	235 - 570 - 570	235 - 570 - 570						
	Weight			kg	17	17	17	17	17						
	Air Volume [Lo-Mid-Hi]			m³/min	8 - 9 - 10	8 - 9 - 10	8 - 9 - 11	8 - 9 - 11	8 - 9 - 11						
	External Static Pressure		Pa	-	-	-	-	-	-						
	Sound Level [Lo-Mid-Hi]		dB(A)	28 - 31 - 37	28 - 31 - 37	29 - 33 - 38	29 - 33 - 38	30 - 34 - 39	30 - 34 - 39						
Panel	Dimensions	H x W x D	mm	20 - 650 - 650	20 - 650 - 650	20 - 650 - 650	20 - 650 - 650	20 - 650 - 650	20 - 650 - 650						
	Weight			kg	3	3	3	3	3						
	Dimensions		H x W x D	mm	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	850 - 840 - 330	850 - 840 - 330					
Outdoor Unit	Weight			kg	33	33	37	37	53	53					
	Air Volume	Cooling	Rated	m³/min	34.3	34.3	33.4	33.4	49.0	49.0					
		Heating	Rated	m³/min	32.3	32.3	33.4	33.4	49.0	49.0					
	Sound Level	Cooling - Silent	Rated	dB(A)	46	46	47	47	53	53					
		Heating	Rated	dB(A)	46	46	48	48	55	55					
	Operating Current (max)		A	8.16	8.16	9.18	9.18	16.0	16.0						
	Breaker Size		A	10	10	10	10	20	20						
	Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 12.7					
		Max. Length	Out-In	m	20	20	20	20	30	30					
Max. Height		Out-In	m	12	12	12	12	30	30						
Guaranteed Operating Range [Outdoor]		Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-15 ~ +43	-15 ~ +43						
		Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24						

SEZ SERIES

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

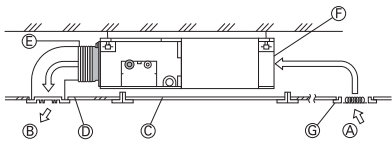


SEZ-KD25-71VA(L)



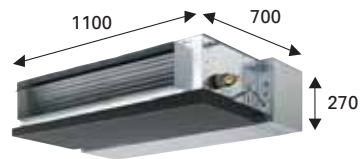
Compact Ceiling-concealed Units

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



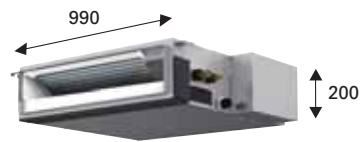
- ④ Air inlet
- ⑤ Air outlet
- ⑥ Access door
- ⑦ Ceiling surface
- ⑧ Canvas duct
- ⑨ Air filter
- ⑩ Inlet grille

Dimension Comparison



SEZ-KA35VA

Width reduced by
110mm



SEZ-KD35VA

Height
reduced by
70mm

“Energy Rank A” Rating



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

Increased Selection of Fan Speeds and Static Pressure Levels

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

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



SEZ-KD25-71VA	5/15/35/50 Pa
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Four Levels Available for All Models

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

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

Maximum noise
reduced by 7dB

SEZ-KD SERIES



Indoor Unit



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

Outdoor Unit



SUZ-KA25/35VA



SUZ-KA50/60/71VA



Remote
Controller



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

Drain Pump (Optional)

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

P

SERIES



SELECTION

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

STEP 1

SELECT INDOOR UNIT

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



4-way ceiling-cassette
PLA-BA



Ceiling-concealed
PEAD-JA



Floor-standing
PSA-GA



Ceiling-suspended
PCA-KA



Professional Kitchen
PCA-HA



Wall-mounted
PKA-HAL



Wall-mounted
PKA-KAL



Ceiling-concealed
PEA-GA

STEP 2

SELECT OUTDOOR UNIT

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

Power Inverter



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

Standard Inverter



PUHZ-P100/125/140/200/250 PUHZ-P100 SUZ-KA50/60/71* SUZ-KA35*

* Some indoor units cannot be used with this unit.

Fixed-speed
(Heating & Cooling)



PUH-P125/140 PUH-P71/100

Fixed-speed
(Cooling Only)



PU-P125/140 PU-P71/100

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

STEP 3

SELECT COMBINATION

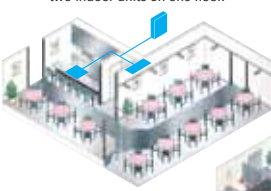
Choose the installation pattern for the indoor units. (In the case of a multi-system, distribution piping is necessary, so please select the necessary piping as well.)

Single System

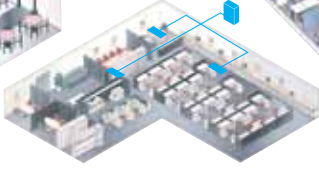


Simultaneous Multi-System

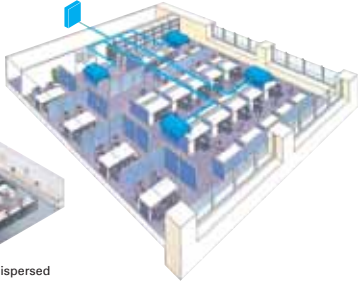
Twin Allows simultaneous operation of two indoor units on one floor.



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



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



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

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

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

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

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

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



Power Inverter^{SERIES}

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



Advanced Energy-saving Performance

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

Energy Rank (Cooling/Heating)

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

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

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

Energy Rank A/A 25 combinations (when connected 1:1)

3-fold increase

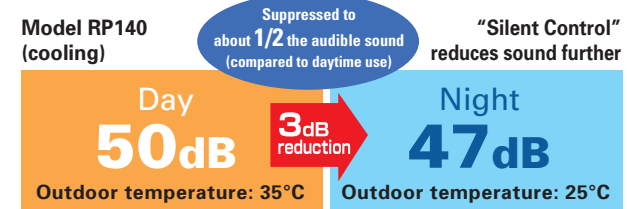
Side-flow Outdoor Units

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



Silent Control

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



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

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

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

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

Long Pipe Length

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

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

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

Cleaning-free Pipe Reuse Technology

Ability to use existing piping reduces pipe waste and replacement time

No Need to Clean at the Time of System Renewal

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

Why can't existing piping be used?

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

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

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

Mitsubishi Electric's Original Replacement Technologies

Countermeasure for Problem 1
Technology 1 Alkyl Benzene Oil
Countermeasure for Problem 2
Technology 2 Friction Reduction (moving parts in compressor)

Existing piping can be used without cleaning

Technology 1 Original Refrigerant Oil	Low-deterioration alkyl benzene oil	Technology 2 Friction Reduction
With a scientifically high level of stability, the adoption of “alkyl benzene oil” for use in RP35-50 units prevents deterioration due to chloride residue.	 Start of use 10 years later	Friction inside the compressor is reduced by using an original Mitsubishi Electric technology called the “Heat Caulking Fixing Method” or coating the edge of the blade in the scroll compressor, thereby suppressing the increase in temperature that causes refrigerant oil deterioration.

Cautions when using existing piping

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

Use of existing piping is possible up to these points.

Level 0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0

Start of use Iron particulates build up causing a blackish colour Colour when collected in bottle Colour of tissue after dipping in it

ADVANCED ENERGY-SAVING TECHNOLOGIES

Highly efficient fan and grille for outdoor unit

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

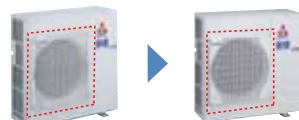
Outdoor unit fan opening increased <RP100–250>

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



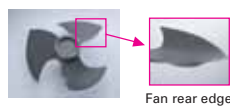
Grille shape changed <RP60–250>

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



Inflexed fan <RP100–250>

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

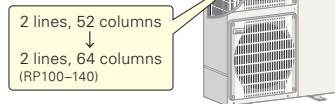


Highly efficient heat exchanger

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

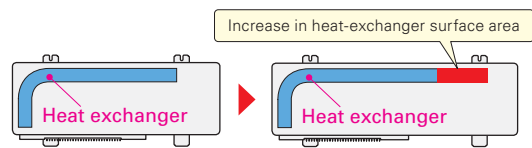
High-density heat exchanger <RP100–250>

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

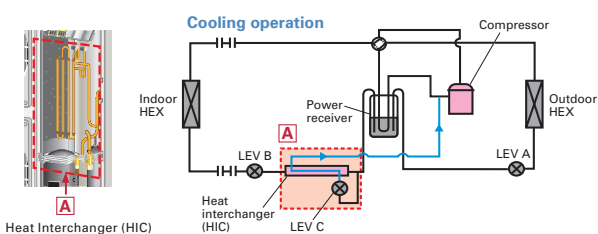


Heat-exchange surface area increased <RP100–250>

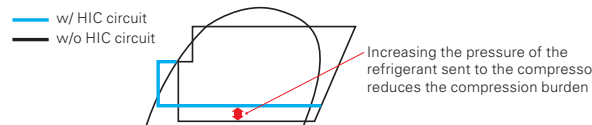
Heat exchanger size extended horizontally, increasing the surface area.



Heat Interchanger (HIC) Added <RP140>



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



PLA SERIES

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

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



Deluxe 4-way Cassette Line-up

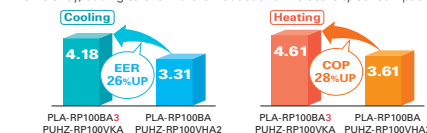
For customers seeking much higher energy-savings, Mitsubishi Electric offers a variety of deluxe units in this series line-up: models 75–125. Compared to the standard model (100), deluxe models provide an additional energy savings of approximately 20%, contributing to a significant reduction in electricity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

Line-up

Series	Model	35	50	60	71	100	125	140
Deluxe 4-way Cassette		PLA-RP 35BA	PLA-RP 50BA	PLA-RP 60BA	PLA-RP71BA2	PLA-RP100BA3	PLA-RP125BA2	PLA-RP 140BA2
Standard 4-way Cassette					PLA-RP71BA	PLA-RP100BA	PLA-RP125BA	

Energy Efficiency Comparison

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



Key Technologies for Higher Energy Efficiency

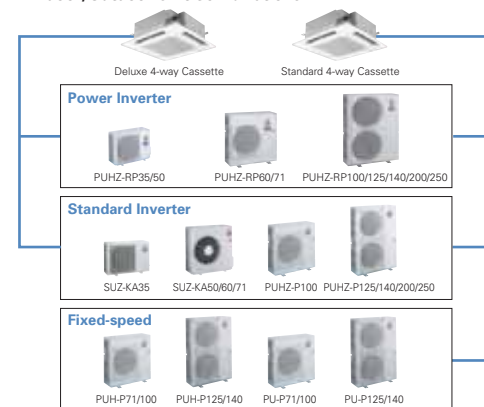
New Heat Exchanger Design

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

Pre-grooved Piping

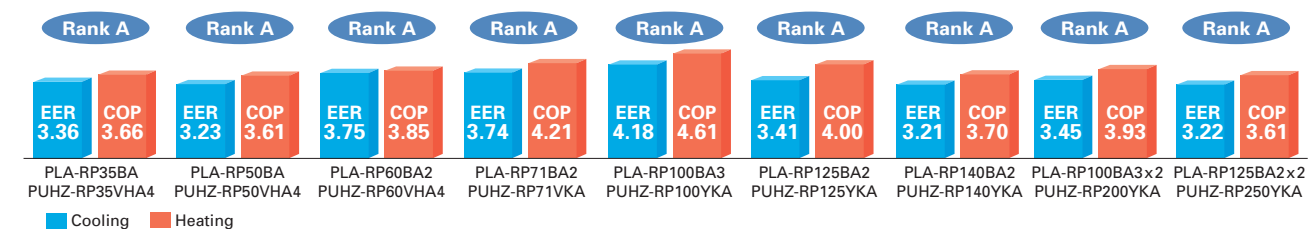
High-performance pre-grooved piping is utilized, increasing the heat exchange area.

Indoor/Outdoor Unit Combinations



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

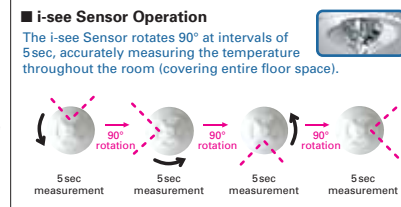
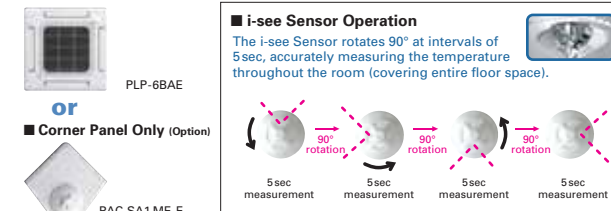
In addition to the deluxe indoor units, models in the full-capacity range have also attained the “Rank A” energy savings rating. This contributes greatly to reducing electricity costs regardless of building size.



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

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

i-see Sensor Panel

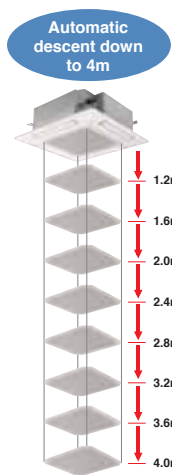


Automatic Grille Lowering Function (PLP-6BAJ)

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

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

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

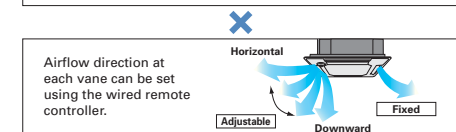
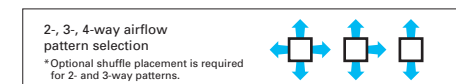


Optimum Airflow

Individual Vane Settings

Optimum airflow settings provide maximum comfort throughout the room.

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

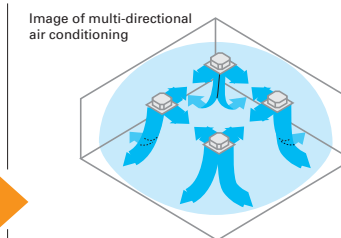


72 airflow patterns

Wide Airflow

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

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



Individual Vane Setting + Wide Airflow

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

Wave Airflow – Thoroughly warming all corners of the room!

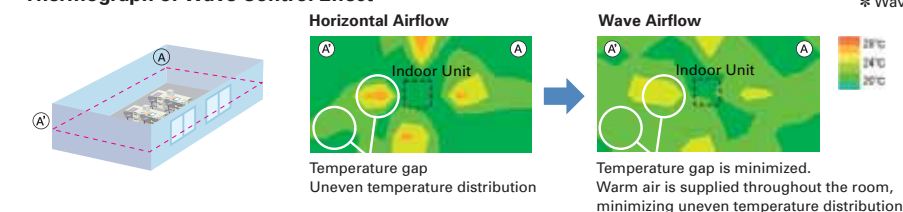
Wave Airflow Operation

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



* Wave Airflow is possible only when using the heating mode

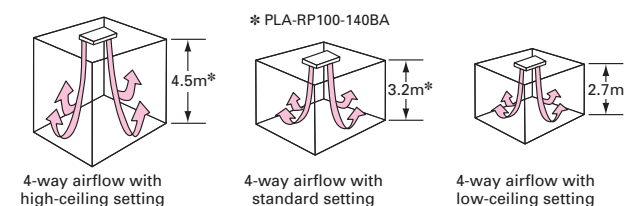
Thermograph of Wave Control Effect



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

Equipped with High- and Low-ceiling Modes

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

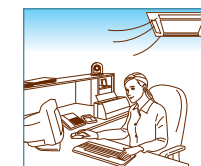


Airflow Range

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

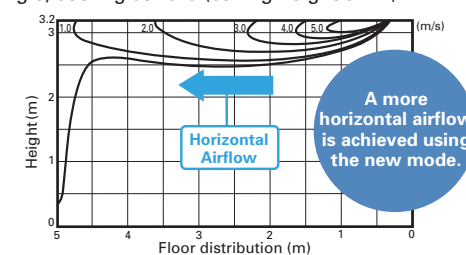
Horizontal Airflow

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



[Airflow Distribution]

PLA-RP125BA(2)
 Flow angle, cooling at 20°C (ceiling height 3.2m)



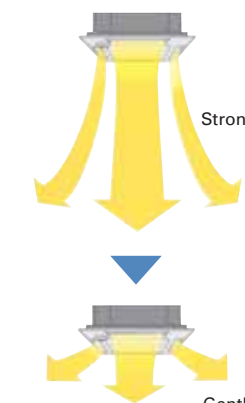
* Smudge spots on the ceiling may form where the airflow is not evenly distributed.

Automatic Air-speed Adjustment

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

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

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



DOES HAVING COLD FEET BOTHER YOU?

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

Heating Mode

Warm air rises to the ceiling!

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

Cooling Mode

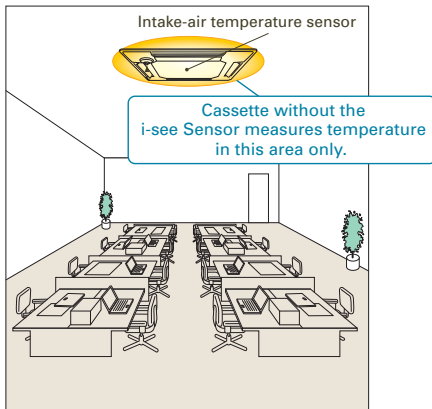
Legs and feet feel cold!

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

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

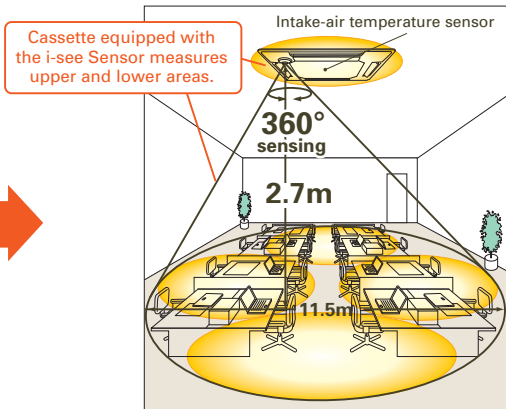
Without “i-see Sensor”

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



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

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



In Heating Mode

When you want the temperature felt to be 20°

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

Temperature gap

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

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

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

Room air warmed to floor level

Temperature gap minimized

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

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

In Cooling Mode

When you want the temperature felt to be 28°C

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

Because it takes longer to cool down the floor-level temperature than the air temperature, a temperature setting of 26–27°C is required.

At start-up (approx. 30 min)

After specified time

Temperature distribution

Temperature felt: 26.5°C

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

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

i-see Sensor computes the temperature felt by monitoring both intake-air temperature and floor-level temperature. The air temperature is adjusted at initial start-up, ensuring that the temperature felt reaches a temperature setting.

At start-up (approx. 30 min)

After specified time

Temperature distribution

Temperature Felt: 28°C

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

Comfortable without excess chilliness

SERIES SELECTION

Power Inverter Series

Indoor Unit



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

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

Outdoor Unit

For Single



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

For Multi (Twin/Triple/Quadruple)



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

Remote Controller



Standard Inverter Series

Indoor Unit



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

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

Outdoor Unit

For Single



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

For Multi (Twin/Triple/Quadruple)



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

Remote Controller



Fixed-speed Series (Heat pump)

Indoor Unit



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

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

Outdoor Unit

For Single



PUH-P71/100 PUH-P125/140

For Multi (Twin/Triple)



PUH-P71/100 PUH-P125/140

Remote Controller



Fixed-speed Series (Cooling only)

Indoor Unit



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

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

Outdoor Unit

For Single



PU-P71/100 PU-P125/140

For Multi (Twin/Triple)



PU-P71/100 PU-P125/140

Remote Controller



PLZ-RP BA Indoor Unit Combinations Indoor unit combinations shown below are possible.

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

PLZ-RP SERIES
POWER INVERTER

Type				Inverter Heat Pump									
Indoor Unit				PLA-RP35BA	PLA-RP50BA	PLA-RP60BA	PLA-RP71BA	PLA-RP71BA2	PLA-RP100BA	PLA-RP100BA3	PLA-RP125BA	PLA-RP125BA2	PLA-RP140BA2
Outdoor Unit				PUHZ-RP35VHA4	PUHZ-RP50VHA4	PUHZ-RP60VHA4	PUHZ-RP71VHA4	PUHZ-RP71VHA4	PUHZ-RP100VKA(YKA)	PUHZ-RP100VKA(YKA)	PUHZ-RP125VKA(YKA)	PUHZ-RP125VKA(YKA)	PUHZ-RP140VKA(YKA)
Power Supply	Source	Outdoor power supply											
	Outdoor (V/Phase/Hz)	VHA • VKA:230 / Single / 50, YKA:400 / Three / 50											
	Indoor (V/Phase/Hz)	—											
Cooling	Capacity	Rated	kW	3.6	5.0	6.0	7.1	7.1	10.0	10.0	12.5	12.5	14.0
		Min - Max	kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.3
	Total Input	Rated	kW	1.070	1.550	1.600	2.090	1.900	2.650	2.390	3.830	3.670	4.360
	EER			3.36	3.23	3.75	3.40	3.74	3.77	4.18	3.26	3.41	3.21
Heating		EEL Rank		A	A	A	— *2	A	— *2	A	— *2	A	A
	Capacity	Rated	kW	4.1	6.0	7.0	8.0	8.0	11.2	11.2	14.0	14.0	16.0
		Min - Max	kW	1.6 - 5.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0
	Total Input	Rated	kW	1.120	1.660	1.820	2.150	1.900	2.790	2.430	3.860	3.500	4.320
COP				3.66	3.61	3.85	3.72	4.21	4.01	4.61	3.63	4.00	3.70
	EEL Rank			A	A	A	— *2	A	— *2	A	— *2	A	A
Operating Current (max)				13.2	13.4	19.4	19.5	19.5	27.4(8.9)	27.5(9.0)	27.5(10.5)	27.5(10.5)	29.1(12.1)
Indoor Unit	Input	Rated	kW	0.030	0.050	0.050	0.070	0.070	0.140	0.140	0.150	0.150	0.160
	Operating Current (max)		A	0.22	0.36	0.36	0.51	0.51	0.94	1.00	1.00	1.00	1.07
	Dimensions	H x W x D	mm	258 - 840 - 840									
	Weight		kg	22	22	23	23	23	25	26	25	27	27
	Air Volume [Lo-Mi2-Mi1-Hi]		m³/min	110 - 120 - 130 - 150	120 - 140 - 160 - 180	120 - 140 - 160 - 180	140 - 160 - 180 - 210	140 - 160 - 180 - 210	200 - 230 - 260 - 300	200 - 230 - 260 - 300	220 - 250 - 280 - 310	220 - 250 - 280 - 310	240 - 260 - 290 - 320
	External Static Pressure		Pa	—	—	—	—	—	—	—	—	—	—
	Sound Level [Lo-Mi2-Mi1-Hi]		dB(A)	27 - 28 - 29 - 31	28 - 29 - 31 - 32	28 - 29 - 31 - 32	28 - 30 - 32 - 34	28 - 30 - 32 - 34	32 - 34 - 37 - 40	32 - 34 - 37 - 40	34 - 36 - 39 - 41	34 - 36 - 39 - 41	36 - 39 - 42 - 44
	Breaker Size		A	—	—	—	—	—	—	—	—	—	—
	Dimensions	H x W x D	mm	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950
	Weight		kg	6	6	6	6	6	6	6	6	6	6
Panel	Dimensions	H x W x D	mm	600 - 800 - 300(+23)									
	Weight		kg	42	42	67	67	67	116(124)	116(126)	116(126)	118(132)	118(132)
	Air Volume	Cooling	Rated	m³/min	35.0	35.0	60.0	60.0	110.0	110.0	120.0	120.0	120.0
		Heating	Rated	m³/min	35.0	35.0	60.0	60.0	110.0	110.0	120.0	120.0	120.0
Sound Level		Cooling - Silent	Rated	dB(A)	44 - 41	44 - 41	47 - 44	47 - 44	47 - 44	49 - 46	49 - 46	50 - 47	50 - 47
		Heating	Rated	dB(A)	46	46	48	48	48	51	51	52	52
	Operating Current (max)		A	13.0	13.0	19.0	19.0	19.0	26.5(8.0)	26.5(8.0)	26.5(9.5)	26.5(9.5)	28(11)
	Breaker Size		A	16	16	25	25	25	32(16)	32(16)	32(16)	32(16)	40(16)
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 12.7									
	Max. Length	Out-In	m	50	50	50	50	50	75	75	75	75	75
	Max. Height	Out-In	m	30	30	30	30	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]	Cooling*1		°C	—5 ~ +46									
	Heating		°C	-11 ~ +21		-20 ~ +21							

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

PLZ-P SERIES
STANDARD INVERTER

Type				Inverter Heat Pump										
Indoor Unit				PLA-RP35BA	PLA-RP50BA	PLA-RP60BA	PLA-RP71BA	PLA-RP71BA2	PLA-RP100BA	PLA-RP100BA3	PLA-RP125BA	PLA-RP125BA2	PLA-RP140BA2	
Outdoor Unit				SUZ-KA35VA	SUZ-KA50VA	SUZ-KA60VA	SUZ-KA71VA	SUZ-KA71VA	PUHZ-P100VHA3	PUHZ-P100VHA3	PUHZ-P125VHA3	PUHZ-P125VHA3	PUHZ-P140VHA3	
Power Supply	Source			Outdoor power supply										
	Outdoor (V/Phase/Hz)			230 / Single / 50										
	Indoor (V/Phase/Hz)			-										
Cooling	Capacity	Rated	kW	3.5	5.0	5.7	7.1	7.1	9.4	9.4	12.3	12.3	13.6	
		Min - Max	kW	1.0 - 3.9	1.1 - 5.6	1.1 - 6.3	0.9 - 8.1	0.9 - 8.1	4.9 - 11.2	4.9 - 11.2	5.5 - 14.0	5.5 - 14.0	5.5 - 15.0	
	Total Input	Rated	kW	1.090	1.780	1.940	2.530	2.474	3.120	3.120	4.090	4.090	5.210	
	EER			3.21	2.81	2.94	2.81	2.87	3.01	3.01	3.01	3.01	2.61	
Heating	Capacity	EEL Rank		A	C	C	C	- *2	B	- *2	B	- *2	D	
		Rated	kW	4.1	6.0	6.9	8.0	8.0	11.2	11.2	14.0	14.0	16.0	
		Min - Max	kW	0.9 - 5.0	0.9 - 7.2	0.9 - 8.0	0.9 - 10.2	0.9 - 10.2	4.5 - 12.5	4.9 - 12.5	5.0 - 16.0	5.0 - 16.0	5.0 - 18.0	
	Total Input	Rated	kW	1.110	1.820	2.110	2.490	2.446	3.280	3.218	4.110	4.023	4.980	
	COP			3.69	3.30	3.27	3.21	3.27	3.41	3.48	3.41	3.48	3.21	
	EEL Rank			A	C	C	C	- *2	B	- *2	B	- *2	C	
Operating Current (max)				9.4	16.4	16.4	16.5	16.5	28.9	29.0	29.0	29.0	30.6	
Indoor Unit	Input	Rated	kW	0.030	0.050	0.050	0.070	0.070	0.140	0.140	0.150	0.150	0.160	
	Operating Current (max)		A	0.22	0.36		0.36	0.51	0.51	0.94	1.00	1.00	1.07	
	Dimensions	H x W x D	mm	258 - 840 - 840						298 - 840 - 840				
	Weight		kg	22	22	23	23	23	25	26	25	27	27	
	Air Volume [Lo-Mi2-Mi1-Hi]		m³/min	11.0 - 12.0 - 13.0 - 15.0	12.0 - 14.0 - 16.0 - 18.0	12.0 - 14.0 - 16.0 - 18.0	14.0 - 16.0 - 18.0 - 21.0	14.0 - 16.0 - 18.0 - 21.0	20.0 - 23.0 - 26.0 - 30.0	20.0 - 23.0 - 26.0 - 30.0	22.0 - 25.0 - 28.0 - 31.0	22.0 - 25.0 - 28.0 - 31.0	24.0 - 26.0 - 29.0 - 32.0	
	External Static Pressure		Pa	-			-	-	-	-	-	-	-	
	Sound Level [Lo-Mi2-Mi1-Hi]		dB(A)	27 - 28 - 29 - 31	28 - 29 - 31 - 32	28 - 29 - 31 - 32	28 - 30 - 32 - 34	28 - 30 - 32 - 34	32 - 34 - 37 - 40	32 - 34 - 37 - 40	34 - 36 - 39 - 41	34 - 36 - 39 - 41	36 - 39 - 42 - 44	
	Breaker Size		A	-	-	-	-	-	-	-	-	-	-	
	Dimensions	H x W x D	mm	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	
	Weight		kg	6	6	6	6	6	6	6	6	6	6	
Outdoor Unit	Dimensions	H x W x D	mm	550 - 800 - 285	850 - 840 - 330				943 - 950 - 330(+30)		1350 - 950 - 330(+30)			
	Weight		kg	37	53	53	58	58	75	75	99	99	99	
	Air Volume	Cooling	Rated	m³/min	33.4	49.0	49.0	49.0	49.0	60.0	60.0	100.0	100.0	100.0
		Heating	Rated	m³/min	33.4	49.0	49.0	49.0	49.0	60.0	60.0	100.0	100.0	100.0
	Sound Level	Cooling - Silent	Rated	dB(A)	47	53	53	53	53	50 - 47	50 - 47	51 - 48	51 - 48	52 - 49
		Heating	Rated	dB(A)	48	55	55	55	55	54	54	55	55	56
	Operating Current (max)		A	9.2	16.0	16.0	16.0	16.0	28.0	28.0	28.0	28.0	29.5	
	Breaker Size		A	10	20	20	20	20	32	32	32	32	40	
Ext. Piping	Diameter	Liquid / Gas	mm	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88		9.52 / 15.88						
	Max. Length	Out-In	m	20	30	30	30	30	50	50	50	50	50	
	Max. Height	Out-In	m	12	30	30	30	30	30	30	30	30	30	
Guaranteed Operating Range [Outdoor]		Cooling	°C	-10 ~ +46	-15 ~ +43				-5 ~ +46*1					
		Heating	°C		-10 ~ +24				-15 ~ +21					

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

PLH-P SERIES
FIXED - SPEED

Type				Fixed - Speed								
Indoor Unit				PLA-RP71BA		PLA-RP100BA		PLA-RP125BA		PLA-RP140BA2		
Outdoor Unit				PUH-P71VHA		PUH-P100VHA		PUH-P125YHA		PUH-P140YHA		
Power Supply	Source			Outdoor power supply								
	Outdoor (V/Phase/Hz)			VHA:230 / Single / 50, YHA:400 / Three / 50								
Indoor (V/Phase/Hz)				-								
Cooling	Capacity	Rated	kW	8.0	8.0	10.0	10.0	12.3	14.2			
	Total Input	Rated	kW	2.830	2.830	3.530	3.530	4.360	5.410			
	EER				2.83	2.83	2.83	2.83	2.82	2.62		
Heating	EEL Rank											
	Capacity	Rated	kW	9.0	9.0	11.5	11.5	14.3	17.0			
	Total Input	Rated	kW	2.820	2.820	3.400	3.400	4.230	5.350			
	COP				3.19	3.19	3.38	3.38	3.38	3.18		
EEL Rank												
				-	-	-	-	-	-			
Operating Current (max)				24.0		8.3		29.5		10.4		
Indoor Unit	Input	Rated	kW	0.070	0.070	0.140	0.140	0.150	0.160			
	Operating Current (max)			A	0.51	0.51	1.00	1.00	1.00	1.07		
	Dimensions	H x W x D	mm	258 - 840 - 840	258 - 840 - 840	298 - 840 - 840	298 - 840 - 840	298 - 840 - 840	298 - 840 - 840			
	Weight			kg	23	23	25	25	25	27		
	Air Volume [Lo-Mi2-Mi1-Hi]			m³/min	14.0 - 16.0 - 18.0 - 21.0	14.0 - 16.0 - 18.0 - 21.0	20.0 - 23.0 - 26.0 - 30.0	20.0 - 23.0 - 26.0 - 30.0	22.0 - 25.0 - 28.0 - 31.0	24.0 - 26.0 - 29.0 - 32.0		
	External Static Pressure			Pa	-	-	-	-	-	-		
	Sound Level [Lo-Mi2-Mi1-Hi]			dB(A)	28 - 30 - 32 - 34	28 - 30 - 32 - 34	32 - 34 - 37 - 40	32 - 34 - 37 - 40	34 - 36 - 39 - 41	36 - 39 - 42 - 44		
	Breaker Size			A	-	-	-	-	-	-		
Panel	Dimensions	H x W x D	mm	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950	35 - 950 - 950			
	Weight			kg	6	6	6	6	6	6		
Outdoor Unit	Dimensions	H x W x D	mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)			
	Weight			kg	93	93	94	94	131	131		
	Air Volume	Cooling	Rated	m³/min	55.0	55.0	65.0	65.0	100.0	100.0		
	Sound Level	Heating	Rated	m³/min	55.0	55.0	65.0	65.0	100.0	100.0		
		Cooling	Rated	dB(A)	49	49	50	50	50	51		
	Operating Current (max)	Heating	Rated	dB(A)	50	50	52	52	52	53		
		A				23.5	7.8	28.5	9.4	12.6	15.6	
	Breaker Size			A	32	16	32	16	25	25		
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88			
	Max. Length	Out-In	m	50	50	50	50	50	50			
	Max. Height	Out-In	m	50	50	50	50	50	50			
Guaranteed Operating Range [Outdoor]		Cooling*1	°C	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46			
		Heating	°C	-11 ~ +24	-11 ~ +24	-11 ~ +24	-11 ~ +24	-11 ~ +24	-11 ~ +24	-11 ~ +24		

PKA SERIES

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

PKA-RP35/50

PKA-RP60/71/100

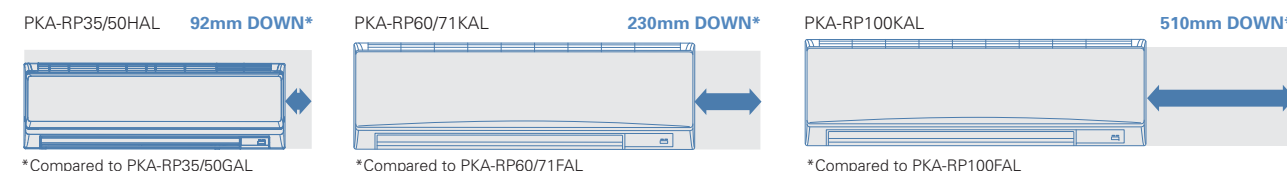
Flat Panel & Pure White Finish

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



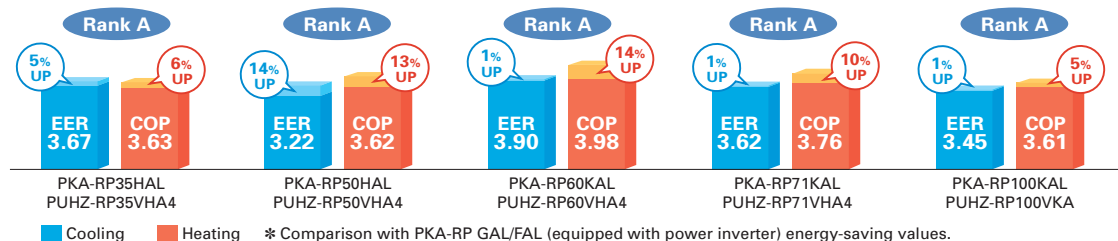
Compact Indoor Units

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



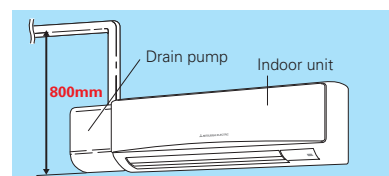
“Rank A” Energy Savings Achieved for Range of Full-capacity Models

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



Drain Pump Option Available with All Models

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



Multi-function Wired Remote Controller

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

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

Main Functions

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

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



SERIES SELECTION

Power Inverter Series

Indoor Unit



Outdoor Unit

For Single



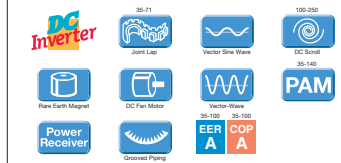
For Multi (Twin/Triple/Quadruple)



Remote Controller



Optional



Standard Inverter Series

Indoor Unit



Outdoor Unit

For Single



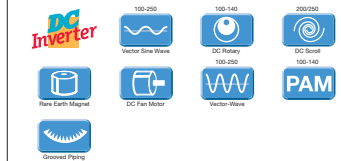
For Multi (Twin/Triple/Quadruple)



Remote Controller



Optional



Fixed-speed Series (Heat pump)

Indoor Unit



Outdoor Unit

For Single



For Multi (Twin/Triple)



Remote Controller



Optional



Fixed-speed Series (Cooling only)

Indoor Unit



Outdoor Unit

For Single



For Multi (Twin/Triple)



Remote Controller



Optional



PKZ-RP HA/KA Indoor Unit Combinations

Indoor unit combinations shown below are possible.

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

PKZ-RP

SERIES

POWER INVERTER



Demand Control

Optional

Pure White

Optional

AUTO VANE

Optional

Check

Optional

SWING

Optional

AUTO

Optional

ACO

Optional

Auto Restart

Optional

Low Temp Cooling

Optional

Silent

Optional

Rotation Back-up

Optional

Drain Lift Up

Optional

Centrifugal On/Off

Optional

Group Control

Optional

M-NET connection

Optional

COMPO

Optional

Wiring Reuse

Optional

Drain Lift Up

Optional

Pump Down

Optional

Flare connection

Optional

Self Diagnosis

Optional

Failure Recall

Optional

Type

Indoor Unit

Outdoor Unit

Power Supply

Cooling

Heating

Operating Current (max)

Indoor Unit

Outdoor Unit

Ext. Piping

Guaranteed Operating Range [Outdoor]

Source

Outdoor (V/Phase/Hz)

Indoor (V/Phase/Hz)

Capacity

Rated

Min - Max

Total Input

Rated

EER

EEL Rank

Capacity

Rated

Min - Max

Total Input

Rated

COP

EEL Rank

Operating Current (max)

Input

Rated

Operating Current (max)

Dimensions

H x W x D

Weight

kg

Air Volume [Lo-Mid-Hi]

m³/min

External Static Pressure

Pa

Sound Level [Lo-Mid-Hi]

dB(A)

Breaker Size

A

Dimensions

H x W x D

mm

Weight

kg

Air Volume

Cooling

Rated

m³/min

Heating

Rated

m³/min

Sound Level

Cooling - Silent

Rated

dB(A)

Heating

Rated

dB(A)

Operating Current (max)

A

Breaker Size

A

Diameter

Liquid / Gas

mm

Max. Length

Out-In

m

Max. Height

Out-In

m

Cooling*

°C

Heating

°C

PKA-RP35HAL

PKA-RP50HAL

PKA-RP60KAL

PKA-RP71KAL

PKA-RP100KAL

PUHZ-RP35VHA4

PUHZ-RP50VHA4

PUHZ-RP60VHA4

PUHZ-RP71VHA4

PUHZ-RP100VKA

PUHZ-RP100YKA

Outdoor power supply

VHA · VKA:230 / Single / 50, YKA:400 / Three / 50

—

3.6

4.6

6.0

7.1

10.0

10.0

1.6 - 4.5

2.3 - 5.6

2.7 - 6.7

3.3 - 8.1

4.9 - 11.4

4.9 - 11.4

0.980

1.430

1.540

1.960

2.900

2.900

3.67

3.22

3.90

3.62

3.45

3.45

A

A

A

A

A

A

4.1

5.0

7.0

8.0

11.2

11.2

1.6 - 5.2

2.5 - 7.3

2.8 - 8.2

3.5 - 10.2

4.5 - 14.0

4.5 - 14.0

1.130

1.380

1.760

2.130

3.100

3.100

3.63

3.62

3.98

3.76

3.61

3.61

A

A

A

A

A

A

13.4

13.4

19.4

19.4

27.1

8.6

0.040

0.040

0.060

0.060

0.080

0.080

A

0.40

0.40

0.43

0.43

0.57

0.57

mm

295 - 898 - 249

295 - 898 - 249

365 - 1170 - 295

365 - 1170 - 295

365 - 1170 - 295

365 - 1170 - 295

kg

13

13

21

21

21

21

m³/min

9.0 - 10.5 - 12.0

9.0 - 10.5 - 12.0

18.0 - 20.0 - 22.0

18.0 - 20.0 - 22.0

20.0 - 23.0 - 26.0

20.0 - 23.0 - 26.0

Pa

—

—

—

—

—

—

dB(A)

36 - 40 - 43

36 - 40 - 43

39 - 42 - 45

39 - 42 - 45

41 - 45 - 49

41 - 45 - 49

A

—

—

—

—

—

—

mm

600 - 800 - 300(+23)

600 - 800 - 300(+23)

943 - 950 - 330(+30)

943 - 950 - 330(+30)

1338 - 1050 - 330(+30)

1338 - 1050 - 330(+30)

kg

42

42

67

67

116

124

m³/min

35.0

35.0

60.0

60.0

110.0

110.0

m³/min

35.0

35.0

60.0

60.0

110.0

110.0

dB(A)

44 - 41

44 - 41

47 - 44

47 - 44

49 - 46

49 - 46

dB(A)

46

46

48

48

51

51

A

13.0

13.0

19.0

19.0

26.5

8.0

A

16

16

25

25

32

16

mm

6.35 / 12.7

—

—

—

9.52 / 15.88

—

m

50

50

50

50

75

75

m

30

30

30

30

30

30

°C

—

—

—

—

—

—

°C

—

—

—

—

—

—

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

PKZ-P SERIES

STANDARD INVERTER

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Type				Inverter Heat Pump									
Indoor Unit				PKA-RP100KAL									
Outdoor Unit				PUHZ-P100VHA3									
Power Supply	Source	Outdoor power supply											
	Outdoor (V/Phase/Hz)	230 / Single / 50											
	Indoor (V/Phase/Hz)	-											
Cooling	Capacity	Rated	kW	9.4									
		Min - Max	kW	4.9 - 11.2									
	Total Input	Rated	kW	3.120									
	EER			3.01									
		EEL Rank		B									
Heating	Capacity	Rated	kW	11.2									
		Min - Max	kW	4.5 - 12.5									
	Total Input	Rated	kW	3.490									
	COP			3.21									
		EEL Rank		C									
Operating Current (max)				28.6									
Indoor Unit	Input	Rated	kW	0.080									
	Operating Current (max)		A	0.6									
	Dimensions	H x W x D	mm	365 - 1170 - 295									
	Weight		kg	21									
	Air Volume [Lo-Mi2-Mi1-Hi]		m³/min	20 - 23 - 26									
	External Static Pressure		Pa	-									
	Sound Level [Lo-Mi2-Mi1-Hi]		dB(A)	41 - 45 - 49									
	Breaker Size		A	-									
	Dimensions	H x W x D	mm	943 - 950 - 330(+30)									
	Weight		kg	75									
Outdoor Unit	Air Volume	Cooling	Rated	m³/min	60.0								
		Heating	Rated	m³/min	60.0								
	Sound Level	Cooling - Silent	Rated	dB(A)	50 - 47								
		Heating	Rated	dB(A)	54								
	Operating Current (max)		A	28.0									
Breaker Size				32									
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88									
	Max. Length	Out-In	m	50									
	Max. Height	Out-In	m	30									
Guaranteed Operating Range [Outdoor]	Cooling*		°C	-5 ~ +46									
	Heating		°C	-15 ~ +21									

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

PKH-P SERIES

FIXED - SPEED

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Type				Fixed - Speed			
Indoor Unit				PKA-RP71KAL		PKA-RP100KAL	
Outdoor Unit				PUH-P71VHA	PUH-P71YHA	PUH-P100VHA	PUH-P100YHA
Power Supply	Source	Outdoor power supply					
	Outdoor (V/Phase/Hz)	VHA:230 / Single / 50, YHA:400 / Three / 50					
	Indoor (V/Phase/Hz)	-					
Cooling	Capacity	Rated	kW	7.9	7.9	9.8	9.8
	Total Input	Rated	kW	2.840	2.840	3.500	3.500
	EER			2.78	2.78	2.80	2.80
		EEL Rank		-	-	-	-
	Capacity	Rated	kW	8.8	8.8	11.5	11.5
Heating	Total Input	Rated	kW	3.080	3.080	3.470	3.470
	COP			2.86	2.86	3.31	3.31
		EEL Rank		-	-	-	-
	Operating Current (max)			23.9	8.2	29.1	10.0
	Input	Rated	kW	0.060	0.060	0.080	0.080
Indoor Unit	Operating Current (max)		A	0.43	0.43	0.57	0.57
	Dimensions	H x W x D	mm	365 - 1170 - 295	365 - 1170 - 295	365 - 1170 - 295	365 - 1170 - 295
	Weight		kg	21	21	21	21
	Air Volume [Lo-Mid-Hi]		m³/min	18.0 - 20.0 - 22.0	18.0 - 20.0 - 22.0	20.0 - 23.0 - 26.0	20.0 - 23.0 - 26.0
	External Static Pressure		Pa	-	-	-	-
	Sound Level [Lo-Mid-Hi]		dB(A)	39 - 42 - 45	39 - 42 - 45	41 - 45 - 49	41 - 45 - 49
	Breaker Size		A	-	-	-	-
	Dimensions	H x W x D	mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)
	Weight		kg	93	93	94	94
	Air Volume	Cooling	Rated	m³/min	55.0	55.0	65.0
Outdoor Unit		Heating	Rated	m³/min	55.0	65.0	65.0
	Sound Level	Cooling	Rated	dB(A)	49	50	50
		Heating	Rated	dB(A)	50	52	52
	Operating Current (max)		A	23.5	7.8	28.5	9.4
	Breaker Size		A	32	16	32	16
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88			
	Max. Length	Out-In	m	50	50	50	50
	Max. Height	Out-In	m	50	50	50	50
Guaranteed Operating Range [Outdoor]	Cooling*		°C	-5 ~ +46			
	Heating		°C	-11 ~ +24			

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

PK-P SERIES

FIXED - SPEED

COOLING ONLY

Pure White

AUTO VANE

Check

SWING

AUTO

ACO

Auto Restart

Low Temp Cooling

Rotation Back-up

Optional

Optional

Optional

Optional

Optional

Optional

COMPO

Optional

Wiring Reuse

Optional

Drain Lift Up

Optional

Pump Down

Flare connection

Self Diagnosis

Failure Recall

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

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

PCA-KA SERIES

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

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



Stylish Indoor Unit Design

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



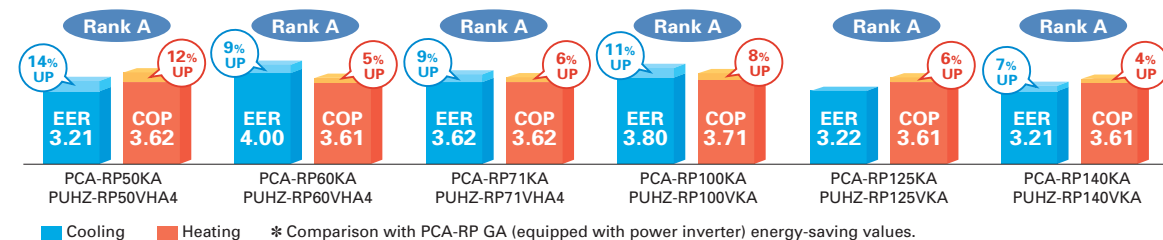
PCA-GA



PCA-KA

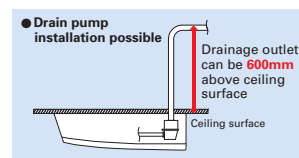
"Rank A" Energy Savings Achieved for Range of Full-capacity Models

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



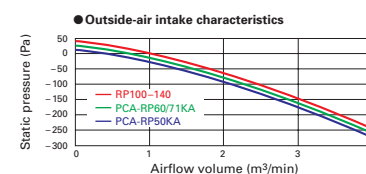
Optional Drain Pump for Full-capacity Models

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



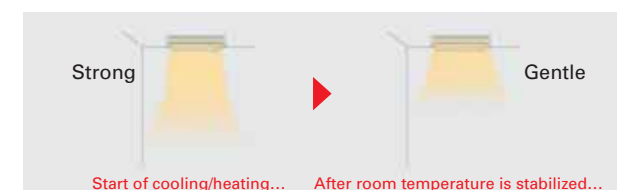
Outside-air Intake

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



Equipped with Automatic Air-speed Adjustment

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



Equipped with High-/Low-ceiling Modes

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

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

SERIES SELECTION

Power Inverter Series

Indoor Unit



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

Outdoor Unit

For Single



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

For Multi (Twin/Triple/Quadruple)

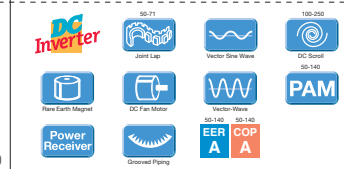


PUHZ-RP100/125/140/200/250

Remote Controller



Optional



Standard Inverter Series

Indoor Unit



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

Outdoor Unit

For Single



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

For Multi (Twin/Triple/Quadruple)

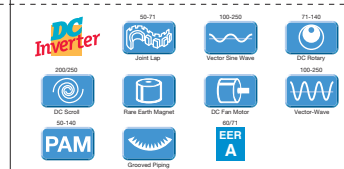


PUHZ-P100 PUHZ-P125/140/200/250

Remote Controller



Optional



Fixed-speed Series (Heat pump)

Indoor Unit



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

Outdoor Unit

For Single



PUH-P71/100 PUH-P125/140

For Multi (Twin/Triple)



PUH-P71/100 PUH-P125/140

Remote Controller



Optional



Fixed-speed Series (Cooling only)

Indoor Unit



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

Outdoor Unit

For Single



PU-P71/100 PU-P125/140

For Multi (Twin/Triple)



PU-P71/100 PU-P125/140

Remote Controller



Optional



PCZ-RP KA Indoor Unit Combinations

Indoor unit combinations shown below are possible.

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

PCZ-RP KA SERIES POWER INVERTER			Demand Control Pure White AUTO VANE Fresh-air Intake High-efficiency Long Life Check SWING High Ceiling Low Ceiling AUTO ACO Auto Restart Low Temp Cooling Silent Ampere Limit Rotation Back-up Centralised On/Off Group Control M-NET connection COMPO Wiring Reuse Drain Lift Up Pump Down Flare connection Self Diagnosis Failure Recall									
			Optional 60-140V/50/60Hz									
Type			Inverter Heat Pump									
Indoor Unit			PCA-RP50KA		PCA-RP60KA	PCA-RP71KA	PCA-RP100KA		PCA-RP125KA		PCA-RP140KA	
Outdoor Unit			PUHZ-RP50VHA4		PUHZ-RP60VHA4	PUHZ-RP71VHA4	PUHZ-RP100VKA	PUHZ-RP100YKA	PUHZ-RP125VKA	PUHZ-RP125YKA	PUHZ-RP140VKA	PUHZ-RP140YKA
Power Supply			Outdoor power supply									
Source			VHA • VKA:230 / Single / 50, YKA:400 / Three / 50									
Indoor (V/Phase/Hz)			-									
Cooling	Capacity	Rated	kW	5.0	6.0	7.1	10.0	10.0	12.5	12.5	14.0	14.0
		Min - Max	kW	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.3	6.2 - 15.3
	Total Input	Rated	kW	1.560	1.500	1.960	2.630	2.630	3.880	3.880	4.360	4.360
	EER			3.21	4.00	3.62	3.80	3.80	3.22	3.22	3.21	3.21
	EEL Rank			A	A	A	A	A	A	A	A	A
Heating	Capacity	Rated	kW	5.5	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0
		Min - Max	kW	2.5 - 6.6	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0	5.7 - 18.0
	Total Input	Rated	kW	1.520	1.940	2.210	3.020	3.020	3.880	3.880	4.430	4.430
	COP			3.62	3.61	3.62	3.71	3.71	3.61	3.61	3.61	3.61
	EEL Rank			A	A	A	A	A	A	A	A	A
Operating Current (max)				13.4	19.4	19.4	27.2	8.7	27.3	10.3	28.9	11.9
Indoor Unit	Input	Rated	kW	0.050	0.060	0.060	0.090	0.090	0.110	0.110	0.140	0.140
		Operating Current (max)	A	0.37	0.39	0.42	0.65	0.65	0.76	0.76	0.90	0.90
	Dimensions	H x W x D	mm	230 - 960 - 680	230 - 1280 - 680	230 - 1280 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	
	Weight		kg	25	32	32	36	36	38	38	39	
	Air Volume [Lo-Mi2-Mi-Hi]		m³/min	10 - 11 - 13 - 15	15 - 16 - 17 - 19	16 - 17 - 18 - 20	22 - 24 - 26 - 28	23 - 25 - 27 - 29	23 - 25 - 27 - 29	24 - 26 - 29 - 32	24 - 26 - 29 - 32	
	External Static Pressure		Pa	-	-	-	-	-	-	-	-	
	Sound Level [Lo-Mi2-Mi-Hi]		dB(A)	32 - 34 - 37 - 40	33 - 35 - 37 - 40	35 - 37 - 39 - 41	37 - 39 - 41 - 43	37 - 39 - 41 - 43	39 - 41 - 43 - 45	41 - 43 - 45 - 48	41 - 43 - 45 - 48	
	Breaker Size		A	-	-	-	-	-	-	-	-	
	Dimensions	H x W x D	mm	600 - 800 - 300(+23)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	
	Weight		kg	42	67	67	116	124	116	126	132	
Outdoor Unit	Air Volume	Cooling	Rated	m³/min	35.0	60.0	60.0	110.0	110.0	120.0	120.0	120.0
		Heating	Rated	m³/min	35.0	60.0	60.0	110.0	110.0	120.0	120.0	120.0
	Sound Level	Cooling - Silent	Rated	dB(A)	44 - 41	47 - 44	47 - 44	49 - 46	49 - 46	50 - 47	50 - 47	50 - 47
		Heating	Rated	dB(A)	46	48	48	51	51	52	52	52
	Operating Current (max)		A	13.0	19.0	19.0	26.5	8.0	26.5	9.5	28.0	11.0
Ext. Piping	Breaker Size		A	16	25	25	32	16	32	16	40	16
	Diameter	Liquid / Gas	mm	6.35 / 12.7					9.52 / 15.88			
	Max. Length	Out-In	m	50	50	50	75	75	75	75	75	75
	Max. Height	Out-In	m	30	30	30	30	30	30	30	30	30
Guaranteed Operating Range [Outdoor]			Cooling*	°C				-5 ~ +46				
			Heating	°C	-11 ~ +21			-20 ~ +21				

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

PCZ-P KA SERIES STANDARD INVERTER			PUMP Demand Control PUMP Rotation Back-up Pure White Optional AUTO VANE Optional Fresh-air Intake PUMP High-efficiency Optional Long Life Optional Check! Optional SWING PUMP COMPO Optional High Ceiling Optional Low Ceiling Optional AUTO PUMP Flare connection Optional ACO PUMP Self Diagnosis Optional Auto Restart PUMP Failure Recall Optional Low Temp Cooling PUMP Drain Lift Up Optional Silent PUMP Pump Down Optional											
			Inverter Heat Pump											
			Indoor Unit											
Outdoor Unit			PCA-RP50KA		PCA-RP60KA		PCA-RP71KA		PCA-RP100KA		PCA-RP125KA		PCA-RP140KA	
Power Supply			SUZ-KA50VA		SUZ-KA60KA		SUZ-KA71VA		PUHZ-P100VHA3		PUHZ-P125VHA3		PUHZ-P140VHA3	
Source			Outdoor power supply											
Outdoor (V/Phase/Hz)			230 / Single / 50											
Indoor (V/Phase/Hz)			-											
Cooling	Capacity	Rated	kW	5.0	5.7	7.1	9.4	12.3	13.6					
		Min - Max	kW	1.1 - 5.6	1.1 - 6.3	0.9 - 8.1	4.9 - 11.2	5.5 - 14.0	5.5 - 15.0					
	Total Input	Rated	kW	1.660	1.770	2.210	3.130	4.090	4.840					
	EER			3.01	3.22	3.21	3.00	3.01	2.81					
		EEL Rank			-	-	-	-	-	-				
Heating	Capacity	Rated	kW	5.5	6.9	7.9	11.2	14.0	16.0					
		Min - Max	kW	0.9 - 6.6	0.9 - 8.0	0.9 - 10.2	4.5 - 12.5	5.0 - 16.0	5.0 - 18.0					
	Total Input	Rated	kW	1.710	2.020	2.320	3.280	4.120	4.690					
	COP			3.22	3.42	3.41	3.41	3.40	3.41					
		EEL Rank			-	-	-	-	-	-				
Operating Current (max)				16.4	16.4	16.4	28.7	28.8	30.4					
Indoor Unit	Input	Rated	kW	0.050	0.060	0.060	0.090	0.110	0.140					
		Operating Current (max)	A	0.37	0.39	0.42	0.65	0.76	0.90					
	Dimensions	H x W x D	mm	230 - 960 - 680	230 - 1280 - 680	230 - 1280 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680					
	Weight	kg	25	32	32	36	38	39						
	Air Volume [Lo-Mi2-Mi-Hi]	m³/min	10 - 11 - 13 - 15	15 - 16 - 17 - 19	16 - 17 - 18 - 20	22 - 24 - 26 - 28	23 - 25 - 27 - 29	24 - 26 - 29 - 32						
	External Static Pressure	Pa	-	-	-	-	-	-						
	Sound Level [Lo-Mi2-Mi-Hi]	dB(A)	32 - 34 - 37 - 40	33 - 35 - 37 - 40	35 - 37 - 39 - 41	37 - 39 - 41 - 43	39 - 41 - 43 - 45	41 - 43 - 45 - 48						
	Breaker Size	A	-	-	-	-	-	-						
	Outdoor Unit	Dimensions	H x W x D	mm	850 - 840 - 330	850 - 840 - 330	850 - 840 - 330	943 - 950 - 330	1350 - 950 - 330	1350 - 950 - 330				
			Weight	kg	53	53	58	75	99	99				
Air Volume		Cooling	Rated m³/min	49.0	49.0	49.0	60.0	100.0	100.0					
		Heating	Rated m³/min	49.0	49.0	49.0	60.0	100.0	100.0					
Sound Level		Cooling - Silent	Rated dB(A)	53	53	53	50 - 47	51 - 48	52 - 49					
		Heating	Rated dB(A)	55	55	55	54	55	56					
Operating Current (max)		A	16.0	16.0	16.0	28.0	28.0	29.5						
Breaker Size		A	20	20	20	32	32	40						
Ext. Piping		Diameter	Liquid / Gas	mm	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88				
		Max. Length	Out-In	m	30	30	30	50	50	50				
	Max. Height	Out-In	m	30	30	30	30	30	30					
Guaranteed Operating Range [Outdoor]	Cooling	°C	-15 ~ +43	-15 ~ +43	-15 ~ +43	-5 ~ +46*	-5 ~ +46*	-5 ~ +46*						
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-15 ~ +21	-15 ~ +21	-15 ~ +21						

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

PCH-P KA SERIES FIXED - SPEED				Pure White AUTO VANE Fresh-air Intake High-efficiency Long Life Check SWING High Ceiling Low Ceiling AUTO ACO Auto Restart Low Temp Cooling Rotation Back-up ECO Centralised On/Off Group Control M-NET connection COMPO Wiring Reuse Drain Lift Up Pump Down Flare connection Self Diagnosis Failure Recall												
Type				Fixed - Speed												
Indoor Unit				PCA-RP71KA				PCA-RP100KA				PCA-RP125KA		PCA-RP140KA		
Outdoor Unit				PUH-P71VHA		PUH-P71YHA		PUH-P100VHA		PUH-P100YHA		PUH-P125YHA		PUH-P140YHA		
Power Supply				Source				Outdoor power supply								
				Outdoor (V/Phase/Hz)				VHA:230 / Single / 50, YHA:400 / Three / 50								
				Indoor (V/Phase/Hz)				-								
Cooling	Capacity	Rated	kW	8.0	8.0	10.0	10.0	12.3	14.0							
	Total Input	Rated	kW	2.850	2.850	3.560	3.560	4.380	5.360							
	EER			2.81	2.81	2.81	2.81	2.81	2.61							
	EEL Rank			-	-	-	-	-	-							
Heating	Capacity	Rated	kW	9.0	9.0	11.5	11.5	14.3	17.0							
	Total Input	Rated	kW	2.800	2.800	3.370	3.370	4.450	5.220							
	COP			3.21	3.21	3.41	3.41	3.21	3.26							
	EEL Rank			-	-	-	-	-	-							
Operating Current (max)				23.9		8.2		29.2		10.1		13.4		16.5		
Indoor Unit	Input	Rated	kW	0.060	0.060	0.090	0.090	0.110	0.140							
	Operating Current (max)		A	0.42	0.42	0.65	0.65	0.76	0.90							
	Dimensions	H x W x D	mm	230 - 1280 - 680	230 - 1280 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680	230 - 1600 - 680							
	Weight		kg	32	32	36	36	38	39							
	Air Volume [Lo-Mi2-Mi-Hi]		m³/min	16 - 17 - 18 - 20	16 - 17 - 18 - 20	22 - 24 - 26 - 28	22 - 24 - 26 - 28	23 - 25 - 27 - 29	24 - 26 - 29 - 32							
	External Static Pressure		Pa	-	-	-	-	-	-							
	Sound Level [Lo-Mi2-Mi-Hi]		dB(A)	35 - 37 - 39 - 41	35 - 37 - 39 - 41	37 - 39 - 41 - 43	37 - 39 - 41 - 43	39 - 41 - 43 - 45	41 - 43 - 45 - 48							
	Breaker Size		A	-	-	-	-	-	-							
Outdoor Unit	Dimensions	H x W x D	mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1350 - 950 - 330(+30)	1350 - 950 - 330(+30)							
	Weight		kg	93	93	94	94	131	131							
	Air Volume	Cooling	Rated	m³/min	55.0	55.0	65.0	65.0	100.0	100.0						
		Heating	Rated	m³/min	55.0	55.0	65.0	65.0	100.0	100.0						
	Sound Level	Cooling	Rated	dB(A)	49	49	50	50	50	51						
		Heating	Rated	dB(A)	50	50	52	52	52	53						
	Operating Current (max)		A	23.5	7.8	28.5	9.4	12.6	15.6							
	Breaker Size		A	32	16	32	16	25	25							
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88							
	Max. Length	Out-In	m	50	50	50	50	50	50							
	Max. Height	Out-In	m	50	50	50	50	50	50							
Guaranteed Operating Range [Outdoor]			Cooling*	°C	-5 ~ +46											
			Heating	°C	-11 ~ +24											

PCA-HA SERIES

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

PCA-RP71/125HA



Tough on Oily Smoke

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

High-performance Oil Mist Filter

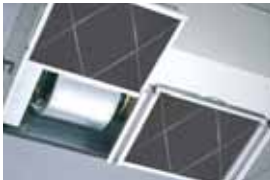
A high-performance heavy-duty oil mist filter is included as standard equipment. The filtering system is more efficient than conventional filters, thereby effectively reducing the oily smoke entering the air conditioner. The filter is disposable, thereby enabling trouble-free cleaning and maintenance.

Oil Mist Filter Cleaning

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



Oil mist filter



Pull the handle to easily slide the filter out

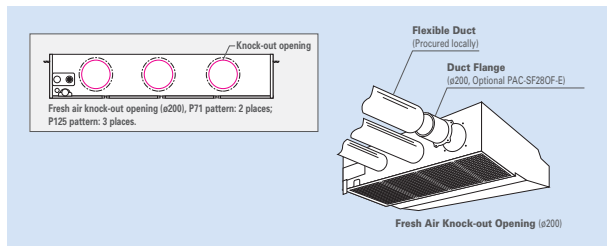
Easy Maintenance – Even for Cleaning the Fan

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



Fresh Outside-air Intake (Option)

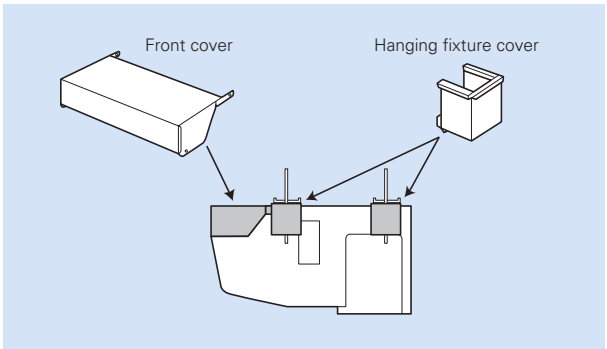
There is a knock-out opening on the rear panel of the unit that can be used to bring fresh air into the unit. This helps to improve ventilation and make the kitchen comfortable.



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

Cosmetic Front and Hanging Fixture Covers (Option)

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



SERIES SELECTION

Power Inverter Series

Indoor Unit



PCA-RP71/125

Outdoor Unit

For Single



PUHZ-RP71



PUHZ-RP125

Remote Controller



For Multi (Twin/Triple)



PUHZ-RP140/250



Standard Inverter Series

Indoor Unit



PCA-RP71/125

Outdoor Unit

For Single



PUHZ-P125

For Multi (Twin/Triple)



PUHZ-P140/250

Remote Controller



Fixed-speed Series (Heat pump)

Indoor Unit



PCA-RP71/125

Outdoor Unit

For Single



PUH-P71



PUH-P125

For Multi (Twin)



PUH-P140

Remote Controller



Fixed-speed Series (Cooling only)

Indoor Unit



PCA-RP71/125

Outdoor Unit

For Single



PU-P71



PU-P125

For Multi (Twin)



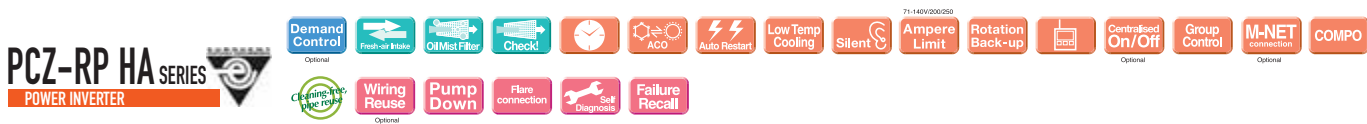
PU-P140

Remote Controller



PCZ-RP HA Indoor Unit Combinations Indoor unit combinations shown below are possible.

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



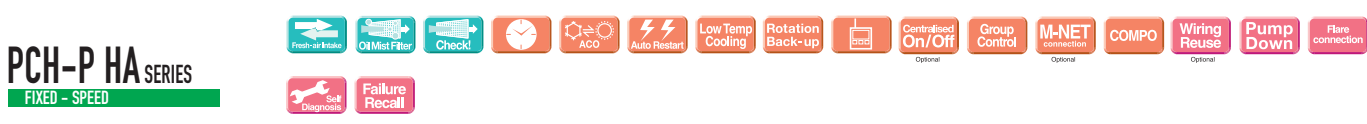
Type				Inverter Heat Pump				
Indoor Unit				PCA-RP71HA		PCA-RP125HA		
Outdoor Unit				PUHZ-RP71VHA4		PUHZ-RP125VKA PUHZ-RP125YKA		
Power Supply	Source			Outdoor power supply				
	Outdoor (V/Phase/Hz)			VHA:230 / Single / 50, YKA:400 / Three / 50				
Indoor (V/Phase/Hz)				-				
Cooling	Capacity	Rated	kW	7.1		12.5		
		Min - Max	kW	3.3 - 8.1		5.5 - 14.0		
	Total Input	Rated	kW	2.210		3.880		
	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	2.230		4.050		
	COP				3.41		3.41	
		EEL Rank				B		B
Operating Current (max)				19.4		27.7		
Indoor Unit	Input	Rated	kW	0.090		0.260		
	Operating Current (max)			A		1.19		
	Dimensions	H x W x D		mm		280 - 1136 - 650		
	Weight			kg		41		
	Air Volume [Lo-Hi]			m³/min		17.0 - 19.0		
	External Static Pressure			Pa		-		
	Sound Level [Lo-Hi]			dB(A)		34 - 38		
	Breaker Size			A		-		
	Dimensions			H x W x D		mm		
	Weight			kg		943 - 950 - 330(+30)		
Outdoor Unit	Air Volume	Cooling	Rated	m³/min		138 - 1050 - 330 (+30)		
		Heating	Rated	m³/min		126		
	Sound Level	Cooling - Silent	Rated	dB(A)		60.0		
		Heating	Rated	dB(A)		120.0		
	Operating Current (max)			A		19.0		
	Breaker Size			A		25		
	Ext. Piping	Diameter	Liquid / Gas	mm		9.52 / 15.88		
		Max. Length	Out-In	m		50		
		Max. Height	Out-In	m		30		
	Guaranteed Operating Range [Outdoor]		Cooling *	°C	-5 ~ +46			
Heating			°C	-20 ~ +21				

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



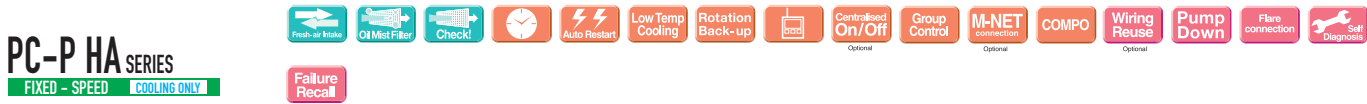
Type				Inverter Heat Pump				
Indoor Unit				PCA-RP125HA				
Outdoor Unit				PUHZ-P125VHA3				
Power Supply	Source			Outdoor power supply				
	Outdoor (V/Phase/Hz)			230 / Single / 50				
Indoor (V/Phase/Hz)				-				
Cooling	Capacity	Rated	kW	12.3				
		Min - Max	kW	5.5 - 14.0				
	Total Input	Rated	kW	4.380				
	EER				2.81			
		EEL Rank			C			
Heating	Capacity	Rated	kW	13.8				
		Min - Max	kW	5.0 - 16.0				
	Total Input	Rated	kW	4.300				
	COP				3.21			
		EEL Rank			C			
Operating Current (max)				29.2				
Indoor Unit	Input	Rated	kW	0.260				
	Operating Current (max)			1.19				
	Dimensions	H x W x D		mm				
	Weight			kg				
	Air Volume [Lo-Hi]			m³/min				
	External Static Pressure			Pa				
	Sound Level [Lo-Hi]			dB(A)				
	Breaker Size			A				
				-				
	Outdoor Unit	Dimensions	H x W x D		mm			
Weight				kg				
Air Volume		Cooling	Rated	m³/min				
		Heating	Rated	m³/min				
Sound Level		Cooling - Silent	Rated	dB(A)				
		Heating	Rated	dB(A)				
Operating Current (max)			A					
Breaker Size			A					
			32					
Ext. Piping	Diameter	Liquid / Gas		mm				
	Max. Length	Out-In		m				
	Max. Height	Out-In		m				
Guaranteed Operating Range [Outdoor]		Cooling *	°C		-5 ~ +46			
		Heating	°C		-15 ~ +21			

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



Type				Fixed - Speed			
Indoor Unit				PCA-RP71HA		PCA-RP125HA	
Outdoor Unit				PUH-P71VHA		PUH-P71YHA	
Power	Source			Outdoor power supply			
Supply	Outdoor (V/Phase/Hz)			VHA:230 / Single / 50, YHA:400 / Three / 50			
	Indoor (V/Phase/Hz)			-			
Cooling	Capacity	Rated	kW	7.5	7.5	12.3	
	Total Input	Rated	kW	2.790	2.790	4.550	
	EER				2.69	2.70	
		EEL Rank				-	
Heating	Capacity	Rated	kW	8.9	8.9	14.3	
	Total Input	Rated	kW	2.850	2.850	5.010	
	COP				3.12	2.85	
		EEL Rank				-	
Operating Current (max)				23.9	8.2	13.8	
Indoor Unit	Input	Rated	kW	0.090	0.090	0.260	
	Operating Current (max)			A	0.43	1.19	
	Dimensions	H x W x D		mm	280 - 1136 - 650	280 - 1520 - 650	
	Weight			kg	41	56	
	Air Volume [Lo-Hi]			m³/min	17.0 - 19.0	30.0 - 38.0	
	External Static Pressure			Pa	-	-	
	Sound Level [Lo-Hi]			dB(A)	34 - 38	44 - 50	
	Breaker Size			A	-	-	
	Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	1350 - 950 - 330(+30)
		Weight			kg	93	131
Air Volume		Cooling	Rated	m³/min	55.0	100.0	
		Heating	Rated	m³/min	55.0	100.0	
Sound Level		Cooling	Rated	dB(A)	49	50	
		Heating	Rated	dB(A)	50	52	
Operating Current (max)			A	23.5	12.6		
Breaker Size			A	32	25		
Ext. Piping		Diameter	Liquid / Gas	mm	9.52 / 15.88	9.52 / 15.88	
		Max. Length	Out-In	m	50	50	
	Max. Height	Out-In	m	50	50		
Guaranteed Operating Range [Outdoor]		Cooling*	°C	-5 ~ +46			
		Heating	°C	-11 ~ +24			

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



Type				Fixed - Speed			
Indoor Unit				PCA-RP71HA		PCA-RP125HA	
Outdoor Unit				PU-P71VHA		PU-P71YHA	
Power Supply	Source			Outdoor power supply			
	Outdoor (V/Phase/Hz)			VHA:230 / Single / 50, YHA:400 / Three / 50			
	Indoor (V/Phase/Hz)			-			
Cooling	Capacity	Rated	kW	7.5	7.5	12.3	
	Total Input	Rated	kW	2.790	2.790	4.550	
	EER			2.69	2.69	2.70	
	EEL Rank			-	-	-	
Operating Current (max)				23.9	8.2	13.8	
Indoor Unit	Input	Rated	kW	0.090	0.090	0.260	
	Operating Current (max)	A		0.43	0.43	1.19	
	Dimensions	H x W x D		mm	280 - 1136 - 650	280 - 1520 - 650	
	Weight			kg	41	56	
	Air Volume [Lo-Hi]			m³/min	17.0 - 19.0	30.0 - 38.0	
	External Static Pressure			Pa	-	-	
	Sound Level [Lo-Hi]			dB(A)	34 - 38	44 - 50	
	Breaker Size			A	-	-	
Outdoor Unit	Dimensions	H x W x D		mm	943 - 950 - 330(+30)	1350 - 950 - 330(+30)	
	Weight			kg	93	131	
	Air Volume	Cooling	Rated	m³/min	55.0	100.0	
	Sound Level	Cooling	Rated	dB(A)	49	50	
	Operating Current (max)			A	23.5	12.6	
	Breaker Size			A	32	25	
Ext. Piping	Diameter	Liquid / Gas		mm	9.52 / 15.88	9.52 / 15.88	
	Max. Length	Out-In		m	50	50	
	Max. Height	Out-In		m	50	50	
Guaranteed Operating Range [Outdoor]		Cooling *	°C	-5 ~ +46	-5 ~ +46	-5 ~ +46	

PSA SERIES

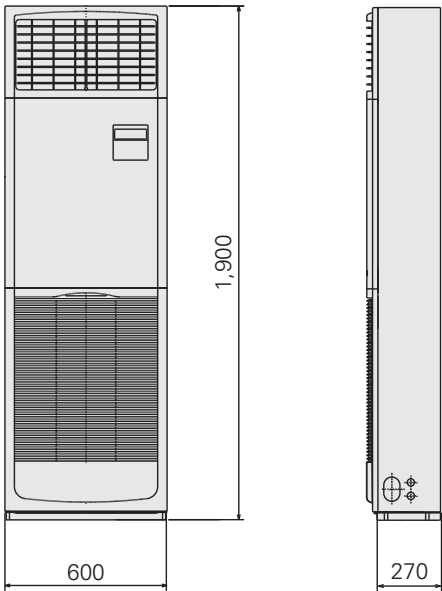
Installation of this floor-standing series is easy and quick.
An excellent choice when there is a sudden need for an air conditioner to be installed.



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

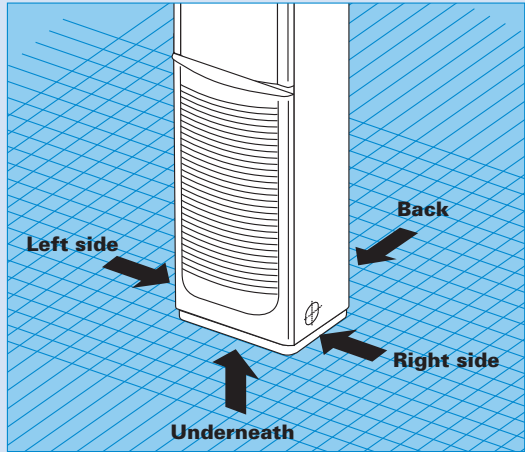
The floor-standing indoor unit is mounted on the floor, enabling quick installation. Its compact body requires only minimal space.

● PSA-RP71GA



4-way pipe work connections enable greater freedom in installation

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



Built-in Remote Controller

Easy Operation with Built-in PAR-21MAA Remote Controller

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

Main Functions

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

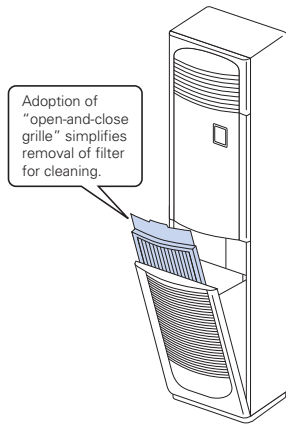
*For details, please refer to pages 21-22.



Low Maintenance

Long-life Filter as Standard Equipment

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



SERIES SELECTION

Power Inverter Series

Indoor Unit



PSA-RP71/100/125/140

Outdoor Unit

For Single



PUHZ-RP71



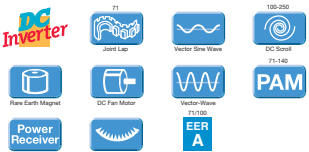
PUHZ-RP100/125/140

For Multi
(Twin/Triple)



PUHZ-RP140/200/250

Built-in Controller



Standard Inverter Series

Indoor Unit



PSA-RP71/100/125/140

Outdoor Unit

For Single



PUHZ-P100



PUHZ-P125/140

For Multi
(Twin/Triple)



PUHZ-P140/200/250

Built-in Controller



Fixed-speed Series (Heat pump)

Indoor Unit



PSA-RP71/100/125/140

Outdoor Unit

For Single



PUH-P71/100



PUH-P125/140

For Multi
(Twin)



PUH-P140

Built-in Controller



Fixed-speed Series (Cooling only)

Indoor Unit



PSA-RP71/100/125/140

Outdoor Unit

For Single



PU-P71/100



PU-P125/140

For Multi
(Twin)



PU-P140

Built-in Controller



PSZ-RP GA Indoor Unit Combinations Indoor unit combinations shown below are possible.

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

PSZ-RP SERIES
POWER INVERTER

Demand Control
Pure White
Long Life
Check
SWING
ACO
Auto Restart
Low Temp Cooling
Silent
Amperes Limit
Centralised On/Off
Group Control
M-NET connection
COMPO

Cleaning the PCB
Wiring Reuse
Pump Down
Flare connection
Self Diagnosis
Failure Recall

Type
Indoor Unit
Outdoor Unit
Power Supply
Cooling
Heating
Operating Current (max)
Indoor Unit
Outdoor Unit
Ext. Piping
Guaranteed Operating Range [Outdoor]

Inverter Heat Pump
PSA-RP71GA
PSA-RP100GA
PSA-RP125GA
PSA-RP140GA

PUHZ-RP71VHA4
PUHZ-RP100VKA
PUHZ-RP100YKA
PUHZ-RP125VKA
PUHZ-RP125YKA
PUHZ-RP140VKA
PUHZ-RP140YKA

Outdoor power supply
VHA • VKA:230 / Single / 50, YKA:400 / Three / 50

Capacity
Total Input
EER
EEL Rank

Rated
Min - Max
Rated

kW
kW
kW

7.1
3.3 - 8.1
2.200
3.23
A

10.0
4.9 - 11.4
2.990
3.34
A

10.0
4.9 - 11.4
2.990
3.34
A

12.4
5.5 - 14.0
4.120
3.01
B

12.4
5.5 - 14.0
4.120
3.01
B

13.8
6.2 - 15.3
4.910
2.81
C

13.8
6.2 - 15.3
4.970
2.81
C

Capacity
Total Input
COP
EEL Rank

Rated
Min - Max
Rated

kW
kW
kW

7.6
3.5 - 10.2
2.230
3.41
B

11.2
4.5 - 14.0
3.280
3.41
B

11.2
4.5 - 14.0
3.280
3.41
B

14.0
5.0 - 16.0
4.110
3.41
B

14.0
5.0 - 16.0
4.110
3.41
B

16.0
5.7 - 18.0
4.970
3.22
C

16.0
5.7 - 18.0
4.970
3.22
C

19.7
27.6
9.1
27.7
10.7
29.6
12.6

Input
Operating Current (max)
Dimensions
Weight
Air Volume [Lo-Hi]
External Static Pressure
Sound Level [Lo-Hi]
Breaker Size

Rated
A
H x W x D
kg
m³/min
Pa
dB(A)
A

0.150
0.86
1900 - 600 - 270
43
15.0 - 18.0
-
40 - 45
-

0.240
1.06
1900 - 600 - 350
51
24.0 - 31.0
-
44 - 49
-

0.240
1.06
1900 - 600 - 350
51
24.0 - 31.0
-
44 - 49
-

0.280
1.23
1900 - 600 - 350
51
26.0 - 33.0
-
46 - 51
-

0.280
1.23
1900 - 600 - 350
51
26.0 - 33.0
-
46 - 51
-

0.360
1.59
1900 - 600 - 350
53
27.0 - 35.0
-
47 - 52
-

0.360
1.59
1900 - 600 - 350
53
27.0 - 35.0
-
47 - 52
-

Dimensions
Weight
Air Volume
Sound Level
Operating Current (max)
Breaker Size

H x W x D
kg
m³/min
m³/min
m³/min
dB(A)
dB(A)
A
A

943 - 950 - 330(+30)
67
60.0
60.0
47 - 44
48
19.0
25

1338 - 1050 - 330(+30)
116
110.0
110.0
49 - 46
51
26.5
32

1338 - 1050 - 330(+30)
124
110.0
110.0
49 - 46
51
8.0
16

1338 - 1050 - 330(+30)
116
120.0
120.0
50 - 47
52
26.5
32

1338 - 1050 - 330(+30)
126
120.0
120.0
50 - 47
52
9.5
16

1338 - 1050 - 330(+30)
118
120.0
120.0
50 - 47
52
28.0
40

1338 - 1050 - 330(+30)
132
120.0
120.0
50 - 47
52
11.0
16

Diameter
Max. Length
Max. Height

Liquid / Gas
Out-In
Out-In

mm
m
m

9.52 / 15.88
50
30

9.52 / 15.88
75
30

9.52 / 15.88
75
30

9.52 / 15.88
75
30

9.52 / 15.88
75
30

9.52 / 15.88
75
30

Cooling*
Heating

°C
°C

-5 ~ +46
-20 ~ +21

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

PSH-P SERIES
FIXED - SPEED

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

Type
Indoor Unit
Outdoor Unit
Power Supply
Cooling
Heating
Operating Current (max)
Indoor Unit
Outdoor Unit
Ext. Piping
Guaranteed Operating Range [Outdoor]

Fixed - Speed
PSA-RP71GA
PSA-RP100GA
PSA-RP125GA
PSA-RP140GA

PUH-P71VHA
PUH-P71YHA
PUH-P100VHA
PUH-P100YHA
PUH-P125YHA
PUH-P140YHA

Outdoor power supply
VHA:230 / Single / 50, YHA:400 / Three / 50

Capacity
Total Input
EER
EEL Rank

Rated
Rated

kW
kW
kW

7.6
2.880
2.64
-

7.6
2.880
2.64
-

10.0
3.660
2.73
-

10.0
3.660
2.73
-

12.3
4.540
2.71
-

12.3
4.540
2.71
-

14.0
5.530
2.53
-

14.0
5.530
2.53
-

Capacity
Total Input
COP
EEL Rank

Rated
Rated

kW
kW
kW

9.0
2.850
3.16
-

9.0
2.850
3.16
-

11.5
3.420
3.36
-

11.5
3.420
3.36
-

14.3
4.410
3.24
-

14.3
4.410
3.24
-

17.0
5.470
3.11
-

17.0
5.470
3.11
-

24.2
8.5
29.6
10.5
13.8
17.2

Input
Operating Current (max)
Dimensions
Weight
Air Volume [Lo-Hi]
External Static Pressure
Sound Level [Lo-Hi]
Breaker Size

Rated
A
H x W x D
kg
m³/min
Pa
dB(A)
A

0.150
0.66
1900 - 600 - 270
43
15.0 - 18.0
-
40 - 45
-

0.150
0.66
1900 - 600 - 270
43
15.0 - 18.0
-
40 - 45
-

0.240
1.06
1900 - 600 - 350
51
24.0 - 31.0
-
44 - 49
-

0.240
1.06
1900 - 600 - 350
51
24.0 - 31.0
-
44 - 49
-

0.280
1.23
1900 - 600 - 350
51
26.0 - 33.0
-
46 - 51
-

0.280
1.23
1900 - 600 - 350
51
26.0 - 33.0
-
46 - 51
-

0.360
1.59
1900 - 600 - 350
53
27.0 - 35.0
-
47 - 52
-

0.360
1.59
1900 - 600 - 350
53
27.0 - 35.0
-
47 - 52
-

Dimensions
Weight
Air Volume
Sound Level
Operating Current (max)
Breaker Size

H x W x D
kg
m³/min
m³/min
m³/min
dB(A)
dB(A)
A
A

943 - 950 - 330(+30)
93
55.0
55.0
49
50
23.5
32

943 - 950 - 330(+30)
93
55.0
55.0
49
50
7.8
16

943 - 950 - 330(+30)
94
65.0
65.0
50
52
28.5
32

943 - 950 - 330(+30)
94
65.0
65.0
50
52
9.4
16

1350 - 950 - 330(+30)
131
100.0
100.0
50
52
12.6
25

1350 - 950 - 330(+30)
131
100.0
100.0
50
52
15.6
25

Diameter
Max. Length
Max. Height

Liquid / Gas
Out-In
Out-In

mm
m
m

9.52 / 15.88
50
50

9.52 / 15.88
50
50

9.52 / 15.88
50
50

9.52 / 15.88
50
50

9.52 / 15.88
50
50

Cooling*
Heating

°C
°C

-5 ~ +46
-11 ~ +24

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

PSZ-P SERIES
STANDARD INVERTER

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

Type
Indoor Unit
Outdoor Unit
Power Supply
Cooling
Heating
Operating Current (max)
Indoor Unit
Outdoor Unit
Ext. Piping
Guaranteed Operating Range [Outdoor]

Inverter Heat Pump
PSA-RP100GA
PSA-RP125GA
PSA-RP140GA

PUHZ-P100VHA3
PUHZ-P125VHA3
PUHZ-P140VHA3

Outdoor power supply
230 / Single / 50

Capacity
Total Input
EER
EEL Rank

Rated
Min - Max
Rated

kW
kW
kW

9.4
4.9 - 11.2
3.120
3.01
B

12.3
5.5 - 14.0
4.380
2.81
C

13.6
5.5 - 15.0
5.640
2.41
E

Capacity
Total Input
COP
EEL Rank

Rated
Min - Max
Rated

kW
kW
kW

11.2
4.5 - 12.5
3.280
3.41
B

14.0
5.0 - 16.0
4.980
2.81
D

16.0
5.0 - 18.0
5.690
2.81
D

29.1
29.2
31.1

Input
Operating Current (max)
Dimensions
Weight
Air Volume [Lo-Hi]
External Static Pressure
Sound Level [Lo-Hi]
Breaker Size

Rated
A
H x W x D
kg
m³/min
Pa
dB(A)
A

0.240
1.06
1900 - 600 - 350
51
24.0 - 31.0
-
44 - 49
-

0.280
1.23
1900 - 600 - 350
51
26.0 - 33.0
-
46 - 51
-

0.360
1.59
1900 - 600 - 350
53
27.0 - 35.0
-
47 - 52
-

0.360
1.59
1900 - 600 - 350
53
27.0 - 35.0
-
47 - 52
-

Dimensions
Weight
Air Volume
Sound Level
Operating Current (max)
Breaker Size

H x W x D
kg
m³/min
m³/min
m³/min
dB(A)
dB(A)
A
A

943 - 950 - 330(+30)
75
60.0
60.0
50 - 47
54
28
32

1350 - 950 - 330(+30)
99
100.0
100.0
51 - 48
55
28
32

1350 - 950 - 330(+30)
99
100.0
100.0
52 - 49
56
29.5
40

Diameter
Max. Length
Max. Height

Liquid / Gas
Out-In
Out-In

mm
m
m

9.52 / 15.88
50
30

9.52 / 15.88
50
30

9.52 / 15.88
50
30

Cooling*
Heating

°C
°C

-5 ~ +46
-15 ~ +21

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

PS-P SERIES
FIXED - SPEED COOLING ONLY

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

Type
Indoor Unit
Outdoor Unit
Power Supply
Cooling
Heating
Operating Current (max)
Indoor Unit
Outdoor Unit
Ext. Piping
Guaranteed Operating Range [Outdoor]

Fixed - Speed
PSA-RP71GA
PSA-RP100GA
PSA-RP125GA
PSA-RP140GA

PU-P71VHA
PU-P71YHA
PU-P100VHA
PU-P100YHA
PU-P125YHA
PU-P140YHA

Outdoor power supply
VHA:230 / Single / 50, YHA:400 / Three / 50

Capacity
Total Input
EER
EEL Rank

Rated
Rated

kW
kW
kW

7.6
2.880
2.64
-

7.6
2.880
2.64
-

10.0
3.660
2.73
-

10.0
3.660
2.73
-

12.3
4.540
2.71
-

12.3
4.540
2.71
-

14.0
5.530
2.53
-

14.0
5.530
2.53
-

Capacity
Total Input
COP
EEL Rank

Rated
Rated

kW
kW
kW

7.6
2.850
3.16
-

7.6
2.850
3.16
-

10.0
3.420
3.36
-

10.0
3.420
3.36
-

12.3
4.410
3.24
-

12.3
4.410
3.24
-

14.0
5.470
3.11
-

14.0
5.470
3.11
-

24.2
8.5
29.6
10.5
13.8
17.2

Input
Operating Current (max)
Dimensions
Weight
Air Volume [Lo-Hi]
External Static Pressure
Sound Level [Lo-Hi]
Breaker Size

Rated
A
H x W x D
kg
m³/min
Pa
dB(A)
A

0.150
0.66
1900 - 600 - 270
43
15.0 - 18.0
-
40 - 45
-

0.150
0.66
1900 - 600 - 270
43
15.0 - 18.0
-
40 - 45
-

0.240
1.06
1900 - 600 - 350
51
24.0 - 31.0
-
44 - 49
-

0.240
1.06
1900 - 600 - 350
51
24.0 - 31.0
-
44 - 49
-

0.280
1.23
1900 - 600 - 350
51
26.0 - 33.0
-
46 - 51
-

0.280
1.23
1900 - 600 - 350
51
26.0 - 33.0
-
46 - 51
-

0.360
1.59
1900 - 600 - 350
53
27.0 - 35.0
-
47 - 52
-

0.360
1.59
1900 - 600 - 350
53
27.0 - 35.0
-
47 - 52
-

Dimensions
Weight
Air Volume
Sound Level
Operating Current (max)
Breaker Size

H x W x D
kg
m³/min
m³/min
m³/min
dB(A)
dB(A)
A
A

943 - 950 - 330(+30)
93
55.0
55.0
49
50
23.5
32

943 - 950 - 330(+30)
93
55.0
55.0
49
50
7.8
16

943 - 950 - 330(+30)
94
65.0
65.0
50
52
28.5
32

943 - 950 - 330(+30)
94
65.0
65.0
50
52
9.4
16

1350 - 950 - 330(+30)
131
100.0
100.0
50
52
12.6
25

1350 - 950 - 330(+30)
131
100.0
100.0
50
52
15.0
25

Diameter
Max. Length
Max. Height

Liquid / Gas
Out-In
Out-In

mm
m
m

9.52 / 15.88
50
50

9.52 / 15.88
50
50

9.52 / 15.88
50
50

Cooling*

°C

-5 ~ +46
-5 ~ +46
-5 ~ +46
-5 ~ +46
-5 ~ +46
-5 ~ +46

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

71

72

PEAD SERIES

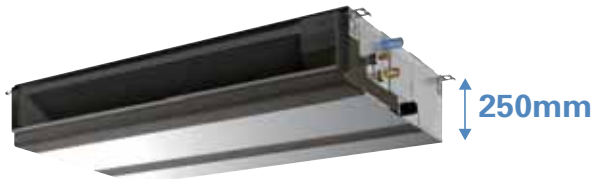
The thin, ceiling-concealed indoor units of this series are the perfect answer for the air conditioning needs of buildings with minimum ceiling installation space and wide-ranging external static pressure. Energy-saving efficiency has been improved, reducing electricity consumption and contributing to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

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



Compact Indoor Units

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



PEAD-RP JA (L)

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

External Static Pressure

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

■ External static pressure setting

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

“Rank A” Energy Savings Achieved for All Models

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

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

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

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

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

Drain Pump Option Available with All Models

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



PEAD-RP JA → Drain pump built-in



PEAD-RP JAL → No drain pump

* Units with an “L” included at the end of the model name are not equipped with a drain pump.

SERIES SELECTION

Power Inverter Series

Indoor Unit



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

Outdoor Unit

For Single



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

For Multi
(Twin/Triple/Quadruple)



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

Remote Controller



Optional



Standard Inverter Series

Indoor Unit



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

Outdoor Unit

For Single



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

For Multi
(Twin/Triple/Quadruple)



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

Remote Controller



Optional



Fixed-speed Series (Heat pump)

Indoor Unit



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

Outdoor Unit

For Single



PUH-P71/100 PUH-P125/140

For Multi
(Twin/Triple)



PUH-P71/100 PUH-P125/140

Remote Controller



Optional



Fixed-speed Series (Cooling only)

Indoor Unit



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

Outdoor Unit

For Single



PU-P71/100 PU-P125/140

For Multi
(Twin/Triple)



PU-P71/100 PU-P125/140

Remote Controller



Optional



PEAD-RP JA Indoor Unit Combinations

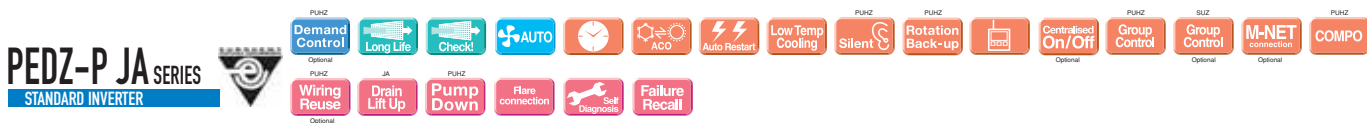
Indoor unit combinations shown below are possible.

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

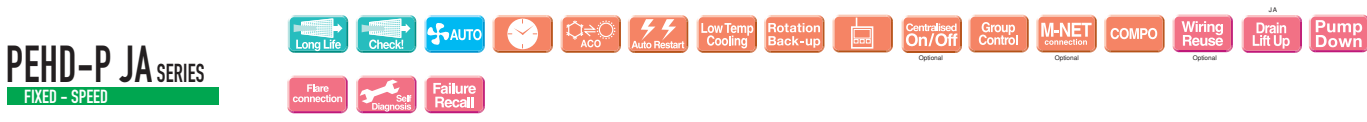


Type		Inverter Heat Pump									
Indoor Unit		PEAD-RP35JA(L)	PEAD-RP50JA(L)	PEAD-RP60JA(L)	PEAD-RP71JA(L)	PEAD-RP100JA(L)		PEAD-RP125JA(L)		PEAD-RP140JA(L)	
Outdoor Unit		PUHZ-RP35VHA4	PUHZ-RP50VHA4	PUHZ-RP60VHA4	PUHZ-RP71VHA4	PUHZ-RP100VKA	PUHZ-RP100YKA	PUHZ-RP125VKA	PUHZ-RP125YKA	PUHZ-RP140VKA	PUHZ-RP140YKA
Power Supply	Source	Outdoor power supply									
	Outdoor (V/Phase/Hz)	VHA • VKA:230 / Single / 50, YHA:400 / Three / 50									
	Indoor (V/Phase/Hz)	-									
Cooling	Capacity	Rated	kW	3.6	5.0	6.0	7.1	10.0	10.0	12.5	14.0
		Min - Max	kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	6.2 - 15.3
	Total Input	Rated	kW	1.02(1.00)	1.55(1.53)	1.60(1.58)	2.03(2.01)	2.77(2.75)	2.77(2.75)	3.86(3.84)	4.36(4.34)
	EER			3.53(3.60)	3.23(3.27)	3.75(3.80)	3.50(3.53)	3.61(3.64)	3.61(3.64)	3.24(3.26)	3.21(3.23)
Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	11.2	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	4.5 - 14.0	5.0 - 16.0	5.7 - 18.0
	Total Input	Rated	kW	1.100	1.560	1.750	2.000	2.720	2.720	3.500	4.040
	COP			3.73	3.85	4.00	4.00	4.12	4.12	4.00	3.96
Operating Current (max)				14.1	14.4	20.6	21.0	29.2	10.7	29.3	13.8
Indoor Unit	Input [Cooling / Heating]	Rated	kW	0.09(0.07) / 0.07	0.11(0.09) / 0.09	0.12(0.10) / 0.10	0.17(0.15) / 0.15	0.25(0.23) / 0.23	0.25(0.23) / 0.23	0.36(0.34) / 0.34	0.39(0.37) / 0.37
	Operating Current (max)	A		1.07	1.39	1.62	1.97	2.65	2.65	2.76	2.78
	Dimensions	H x W x D	mm	250 - 900 - 732	250 - 900 - 732	250 - 1100 - 732	250 - 1100 - 732	250 - 1400 - 732	250 - 1400 - 732	250 - 1400 - 732	250 - 1600 - 732
	Weight		kg	26(25)	28(27)	33(32)	33(32)	41(40)	41(40)	43(42)	47(46)
	Air Volume [Lo-Mid-Hi]		m³/min	10.0 - 12.0 - 14.0	12.0 - 14.5 - 17.0	14.5 - 18.0 - 21.0	17.5 - 21.0 - 25.0	24.0 - 29.0 - 34.0	24.0 - 29.0 - 34.0	29.5 - 35.5 - 42.0	32.0 - 39.0 - 46.0
	External Static Pressure		Pa	35 / 50 / 70 / 100 / 150							
	Sound Level [Lo-Mid-Hi]		dB(A)	23 - 27 - 30	26 - 31 - 35	25 - 29 - 33	26 - 30 - 34	29 - 34 - 38	29 - 34 - 38	33 - 36 - 40	34 - 38 - 43
	Breaker Size		A	-	-	-	-	-	-	-	-
	Dimensions	H x W x D	mm	600 - 800 - 300(+23)	943 - 950 - 330(+30)						
	Weight		kg	42	42	67	67	116	124	116	132
Outdoor Unit	Air Volume	Cooling	Rated	m³/min	35.0	35.0	60.0	60.0	110.0	120.0	120.0
		Heating	Rated	m³/min	35.0	35.0	60.0	60.0	110.0	120.0	120.0
	Sound Level	Cooling - Silent	Rated	dB(A)	44 - 41	44 - 41	47 - 44	47 - 44	49 - 46	50 - 47	50 - 47
		Heating	Rated	dB(A)	46	46	48	48	51	52	52
	Operating Current (max)		A	13.0	13.0	19.0	19.0	26.5	8.0	26.5	11.0
	Breaker Size		A	16	16	25	25	32	16	32	16
	Diameter	Liquid / Gas	mm	6.35 / 12.7							
	Max. Length	Out-In	m	50	50	50	50	75	75	75	75
	Max. Height	Out-In	m	30	30	30	30	30	30	30	30
	Guaranteed Operating Range [Outdoor]	Cooling *	°C	-11 ~ +21							
		Heating	°C	-20 ~ +21							

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

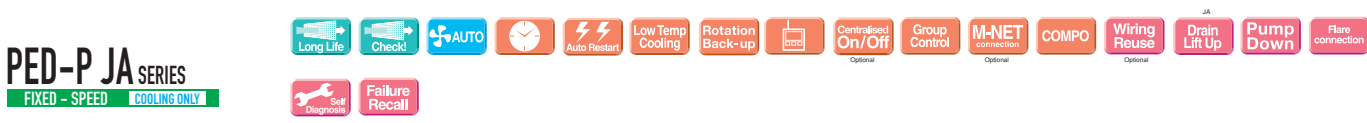


Type		Inverter Heat Pump						
Indoor Unit		PEAD-RP35JA(L)	PEAD-RP50JA(L)	PEAD-RP60JA(L)	PEAD-RP71JA(L)	PEAD-RP100JA(L)	PEAD-RP125JA(L)	PEAD-RP140JA(L)
Outdoor Unit		SUZ-KA35VA	SUZ-KA50VA	SUZ-KA60VA	SUZ-KA71VA	PUHZ-P100VHA3	PUHZ-P125VHA3	PUHZ-P140VHA3
Power Supply	Source	Outdoor power supply						
	Outdoor (V/Phase/Hz)	230 / Single / 50						
	Indoor (V/Phase/Hz)	-						
Cooling	Capacity	Rated	kW					
		Min - Max	kW					
	Total Input	Rated	kW					
	EER							
Heating	Capacity	Rated	kW					
		Min - Max	kW					
	Total Input	Rated	kW					
	COP							
Operating Current (max)								
Indoor Unit	Input [Cooling / Heating]	Rated	kW					
	Operating Current (max)	A						
	Dimensions	H x W x D	mm					
	Weight		kg					
	Air Volume [Lo-Mid-Hi]		m³/min					
	External Static Pressure		Pa					
	Sound Level [Lo-Mid-Hi]		dB(A)					
	Breaker Size		A					
	Dimensions	H x W x D	mm					
	Weight		kg					
Outdoor Unit	Air Volume	Cooling	Rated	m³/min				
		Heating	Rated	m³/min				
	Sound Level	Cooling - Silent	Rated	dB(A)				
		Heating	Rated	dB(A)				
	Operating Current (max)		A					
	Breaker Size		A					
	Diameter	Liquid / Gas	mm					
	Max. Length	Out-In	m					
	Max. Height	Out-In	m					
	Guaranteed Operating Range [Outdoor]	Cooling	°C					
		Heating	°C					



Type		Fixed - Speed				
Indoor Unit		PEAD-RP71JA(L)		PEAD-RP100JA(L)		PEAD-RP125JA(L)
Outdoor Unit		PUH-P71VHA	PUH-P71YHA	PUH-P100VHA	PUH-P100YHA	PUH-P125YHA
Power Supply	Source	Outdoor power supply				
	Outdoor (V/Phase/Hz)	VHA:230 / Single / 50 , YHA:400 / Three / 50				
	Indoor (V/Phase/Hz)	-				
Cooling	Capacity	Rated	kW	7.9	7.9	10.0
	Total Input	Rated	kW	2.97(2.95)	2.97(2.95)	3.69(3.67)
	EER			2.66(2.68)	2.66(2.68)	2.71(2.72)
	EEL Rank			-	-	-
Heating	Capacity	Rated	kW	9.0	9.0	11.5
	Total Input	Rated	kW	3.11	3.11	3.42
	COP			2.89	2.89	3.36
	EEL Rank			-	-	-
Operating Current (max)				25.5	9.8	31.2
Indoor Unit	Input [Cooling / Heating]	Rated	kW	0.17(0.15) / 0.15	0.17(0.15) / 0.15	0.25(0.23) / 0.23
	Operating Current (max)	A		1.97	1.97	2.65
	Dimensions	H x W x D	mm	250 - 1100 - 732	250 - 1100 - 732	250 - 1400 - 732
	Weight		kg	33(32)	33(32)	41(40)
	Air Volume [Lo-Mid-Hi]		m³/min	17.5 - 21.0 - 25.0	17.5 - 21.0 - 25.0	24.0 - 29.0 - 34.0
	External Static Pressure		Pa	35 / 50 / 70 / 100 / 150		
	Sound Level [Lo-Mid-Hi]		dB(A)	26 - 30 - 34	26 - 30 - 34	29 - 34 - 38
	Breaker Size		A	-	-	-
	Dimensions	H x W x D	mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)
	Weight		kg	93	93	94
Outdoor Unit	Air Volume	Cooling	Rated	m³/min	55.0	55.0
		Heating	Rated	m³/min	55.0	55.0
	Sound Level	Cooling	Rated	dB(A)	49	49
		Heating	Rated	dB(A)	50	50
	Operating Current (max)		A	23.5	7.8	28.5
	Breaker Size		A	32	16	32
	Diameter	Liquid / Gas	mm	9.52 / 15.88		
	Max. Length	Out-In	m	50	50	50
	Max. Height	Out-In	m	50	50	50
	Guaranteed Operating Range [Outdoor]	Cooling *	°C	-5 ~ +46		
		Heating	°C	-11 ~ +24		

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



Type		Fixed - Speed				
Indoor Unit		PEAD-RP71JA(L)		PEAD-RP100JA(L)		PEAD-RP125JA(L)
Outdoor Unit		PU-P71VHA	PU-P71YHA	PU-P100VHA	PU-P100YHA	PU-P125YHA
Power Supply	Source	Outdoor power supply				
	Outdoor (V/Phase/Hz)	VHA:230 / Single / 50 , YHA:400 / Three / 50				
	Indoor (V/Phase/Hz)	-				
Cooling	Capacity	Rated	kW	7.9	7.9	10.0
	Total Input	Rated	kW	2.97(2.95)	2.97(2.95)	3.69(3.67)
	EER			2.66(2.68)	2.66(2.68)	2.71(2.72)
	EEL Rank			-	-	-
Operating Current (max)				25.5	9.8	31.2
Indoor Unit	Input	Rated	kW	0.17(0.15)	0.17(0.15)	0.25(0.23)
	Operating Current (max)	A		1.97	1.97	2.65
	Dimensions	H x W x D	mm	250 - 1100 - 732	250 - 1100 - 732	250 - 1400 - 732
	Weight		kg	33(32)	33(32)	41(40)
	Air Volume [Lo-Mid-Hi]		m³/min	17.5 - 21.0 - 25.0	17.5 - 21.0 - 25.0	24.0 - 29.0 - 34.0
	External Static Pressure		Pa	35 / 50 / 70 / 100 / 150		
	Sound Level [Lo-Mid-Hi]		dB(A)	26 - 30 - 34	26 - 30 - 34	29 - 34 - 38
	Breaker Size		A	-	-	-
	Dimensions	H x W x D	mm	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)
	Weight		kg	93	93	94
Outdoor Unit	Air Volume	Cooling	Rated	m³/min	55.0	55.0
		Heating	Rated	m³/min	55.0	55.0
	Sound Level	Cooling	Rated	dB(A)	49	49
		Heating	Rated	dB(A)	50	50
	Operating Current (max)		A	23.5	7.8	28.5
	Breaker Size		A	32	16	32
	Diameter	Liquid / Gas	mm	9.52 / 15.88		
	Max. Length	Out-In	m	50	50	50
	Max. Height	Out-In	m	50	50	50
	Guaranteed Operating Range [Outdoor]	Cooling *	°C	-5 ~ +46		

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

PEA SERIES



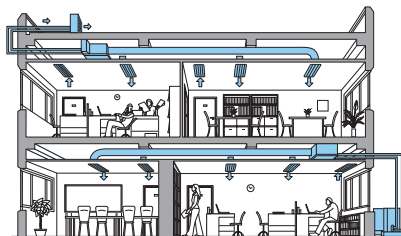
PEA-RP200/250/400/500GA

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



Flexible Duct Design Enables Use of High-pressure Static Fan

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



Long Refrigerant Piping Length

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

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

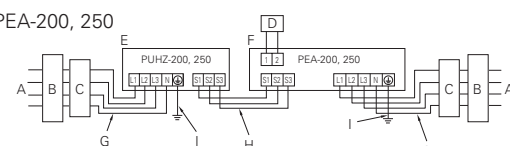
Wide-ranging Line-up from 20–50kW – Extensive Array of Choices to Match Building Size

[System Image]

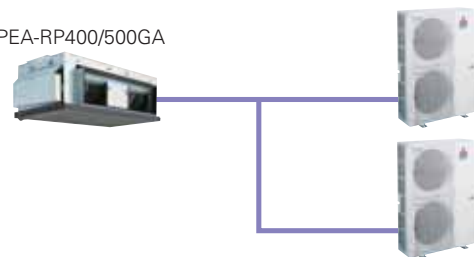
PEA-RP200/250GA



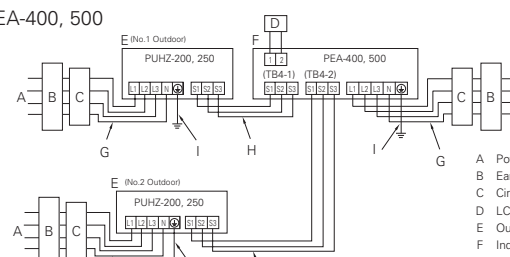
• For PEA-200, 250



PEA-RP400/500GA



• For PEA-400, 500



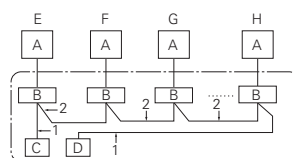
- A Power supply
- B Earth leakage breaker
- C Circuit breaker or local switch
- D LCD remote controller
- E Outdoor unit
- F Indoor unit
- G Power cable wiring
- H Indoor/Outdoor connection wiring
- I Grounding

PAR-21MA Group Control

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

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

• For PEA-200, 250



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

LINE-UP

Indoor Unit	Outdoor Unit	Remote Controller
 PEA-RP200/250/400/500GA	 PUHZ-RP200/250	 PAR-21MA
	 PUHZ-P200/250	

PEZ-RP SERIES POWER INVERTER



Type				Inverter Heat Pump			
Indoor Unit				PEA-RP200GA	PEA-RP250GA	PEA-RP400GA	PEA-RP500GA
Outdoor Unit				PUHZ-RP200YKA	PUHZ-RP250YKA	PUHZ-RP250YKA x 2	PUHZ-RP250YKA x 2
Power Supply	Source			Indoor / outdoor separate power supply			
	Outdoor (V/Phase/Hz)			400 / Three / 50			
	Indoor (V/Phase/Hz)			400 / Three / 50			
Cooling	Capacity	Rated	kW	19.0	22.0	38.0	44.0
		Min - Max	kW	9.0 - 22.4	11.2 - 28.0	18.0 - 44.8	22.4 - 56.0
	Total Input	Rated	kW	6.700	8.340	12.950	17.160
	EER			2.84	2.64	2.93	2.56
Heating		EEL Rank		C	D	—	—
	Capacity	Rated	kW	22.4	27.0	44.8	54.0
		Min - Max	kW	9.5 - 25.0	12.5 - 31.5	18.0 - 50.0	25.0 - 63.0
	Total Input	Rated	kW	6.500	8.200	12.550	16.880
COP				3.45	3.29	3.57	3.20
		EEL Rank		B	C	—	—
	Operating Current(max)			21.0	23.3	41.8	47.4
	Indoor Unit	Input	Rated	kW	1.000	1.180	1.550
Operating Current(max)			A	2.0	2.3	3.8	
Outdoor Unit	Dimensions	H x W x D	mm	400 - 1400 - 634	400 - 1600 - 634	595 - 1947 - 764	595 - 1947 - 764
	Weight		kg	70	77	130	133
	Air Volume [Lo-Hi]		m³/min	52.0 - 65.0	64.0 - 80.0	120.0	160.0
	External Static Pressure			Pa	150	150	150
	Sound Level [Lo-Hi]		dB(A)	48 - 51	49 - 52	52 ⁺²	53
	Breaker Size		A	15	15	15	15
	Dimensions	H x W x D	mm	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)
	Weight		kg	135	141	135	141
	Air Volume	Cooling	Rated	m³/min	140.0	140.0	140.0
		Heating	Rated	m³/min	140.0	140.0	140.0
Sound Level	Cooling - Silent	Rated	dB(A)	58 - 55	58 - 55	58 - 55	58 - 55
	Heating	Rated	dB(A)	59	59	59	59
	Operating Current(max)			A	19.0	21.0	21.0
	Breaker Size		A	32	32	32	32
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 25.4	12.7 / 25.4	9.52 / 25.4	12.7 / 25.4
	Max. Length	Out-In Total	m	100	100	100	100
	Max. Height	Out-In	m	30	30	30	30
Guaranteed Operating Range [Outdoor]	Cooling*1	°C	-5 ~ +46	-5 ~ +46	-5 ~ +46	-5 ~ +46	
	Heating	°C	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	

POWERFUL HEATING

SERIES



SELECTION

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

ZUBADAN SERIES

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

Outdoor Unit

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

Indoor Unit

4-way cassette

PLA Series

Wall-mounted

PKA Series

Ceiling-concealed

PEAD Series

MSZ-FD VABH SERIES

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

Outdoor Unit

MUZ-FD25/35VABH

MUZ-FD50VABH

Indoor Unit

Wall-mounted

White

MSZ-FD25/35/50VA

Wall-mounted

Silver

MSZ-FD25/35/50VAS

ZUBADAN SERIES

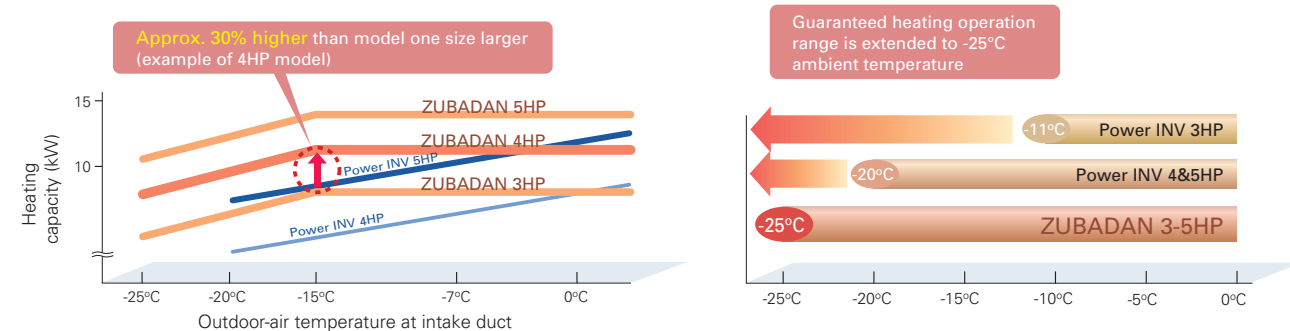
The ZUBADAN Series incorporates an original Flash Injection technology that improves the already high heating capacity of the system. This new member of the series line-up ensures comfortable heat pump-driven heating performance in cold regions.



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

Improved Heating Performance

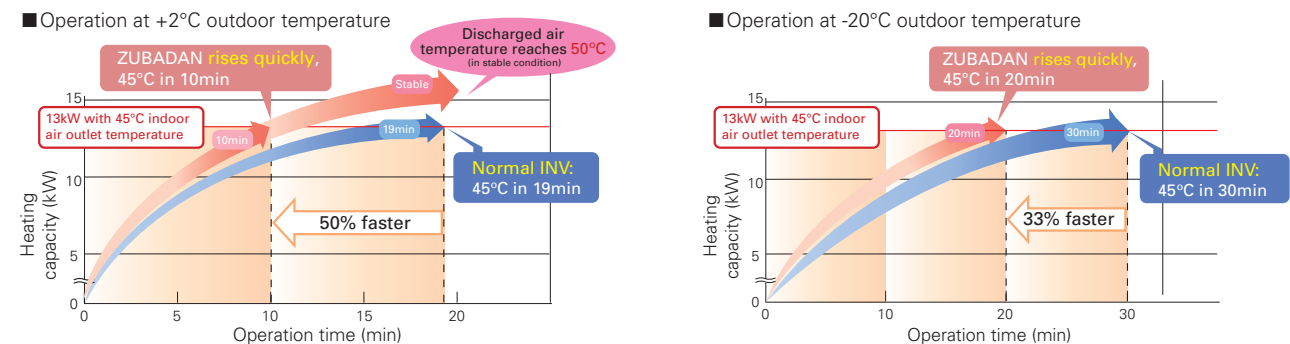
Mitsubishi Electric's unique "Flash Injection" circuit achieves remarkably high heating performance. This technology has resulted in an excellent heating capacity rating in outdoor temperatures as low as -15°C, and the guaranteed heating operation range of the heating mode has been extended to -25°C.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



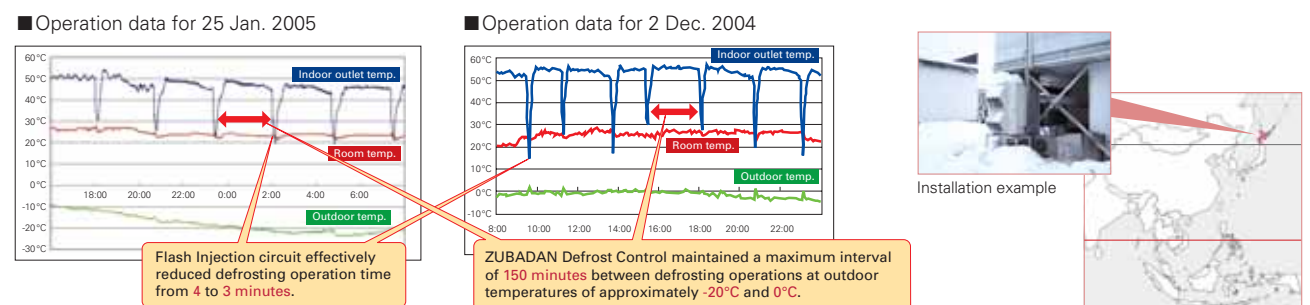
Enhanced Comfort

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

Quick Start-up

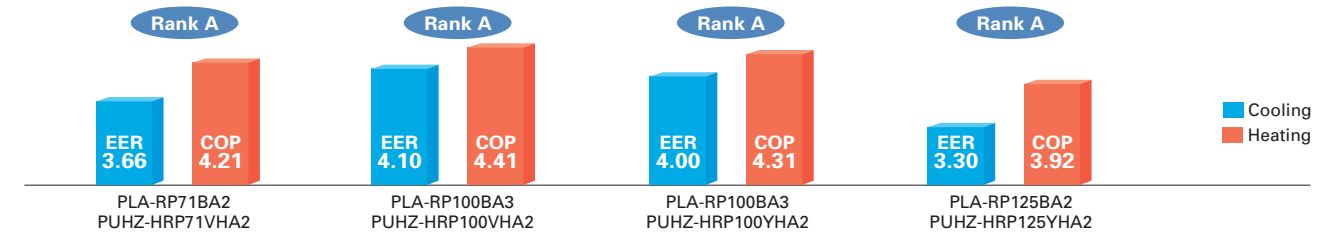


ZUBADAN Defrost Control and Faster Recovery from Defrost Operation



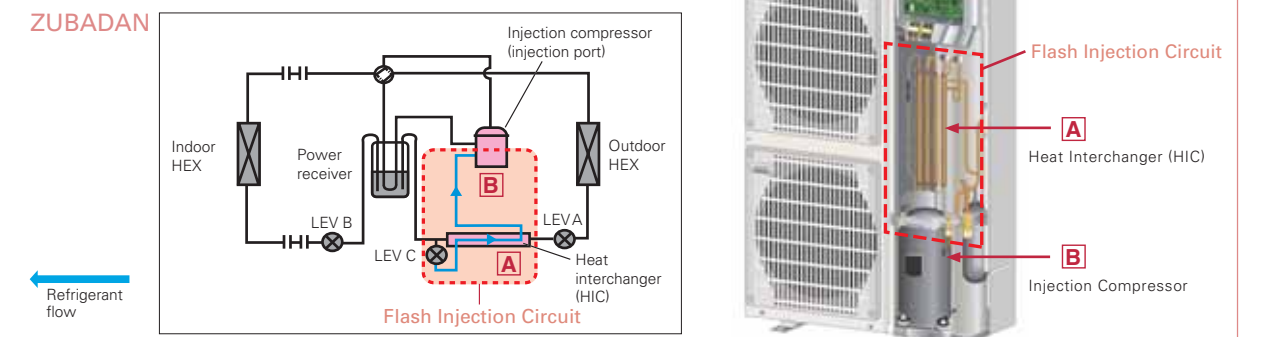
"Rank A" Energy Savings Achieved for Range of Full-capacity Models

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



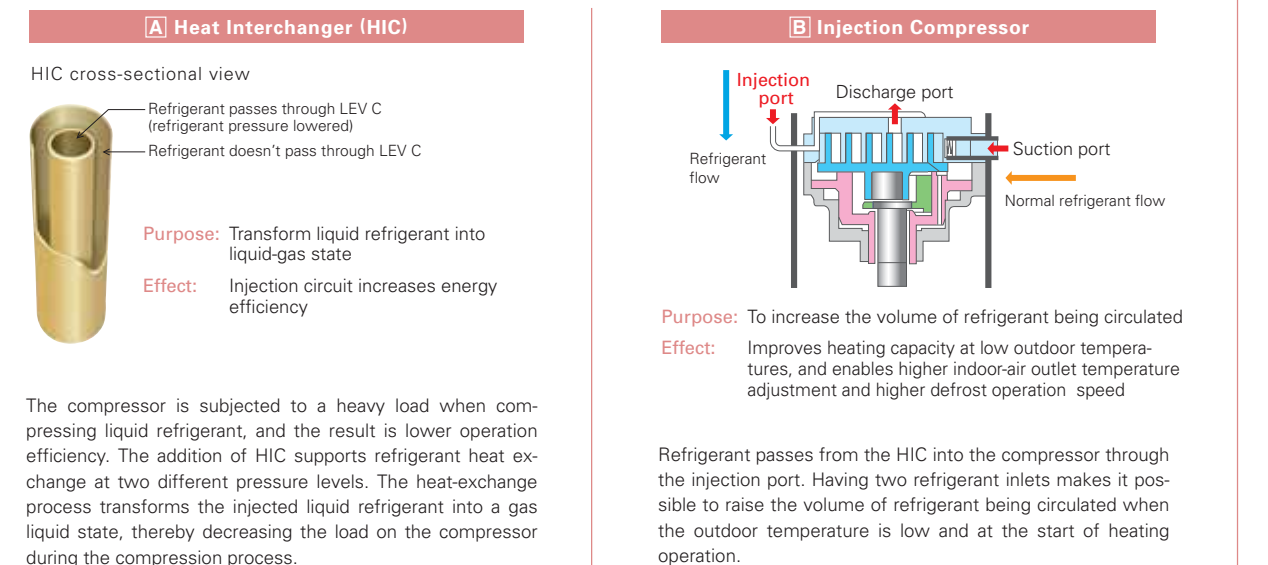
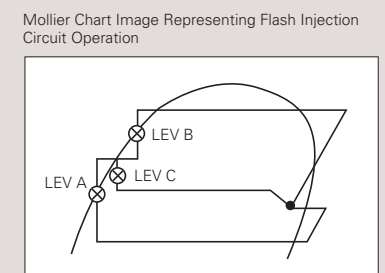
Mitsubishi Electric's Flash Injection Technology The Key to High Heating Performance at Low Outdoor Temperatures

Flash Injection Circuit



The Mr. Slim model of the ZUBADAN Series is equipped with Mitsubishi Electric's original Flash Injection Circuit, which is comprised of a bypass circuit and heat interchanger (HIC). The HIC transforms rerouted liquid refrigerant into a gas-liquid state to lower compression load. This process ensures excellent heating performance even when the outdoor temperature drops very low.

In traditional units, when the outdoor temperature is low, the volume of refrigerant circulating in the compressor decreases due to the drop in refrigerant pressure and protection from overheating due to high compression, thereby reducing heating capacity. The Flash Injection Circuit injects refrigerant to maintain the refrigerant circulation volume and compressor operation load, thereby maintaining heating capacity.



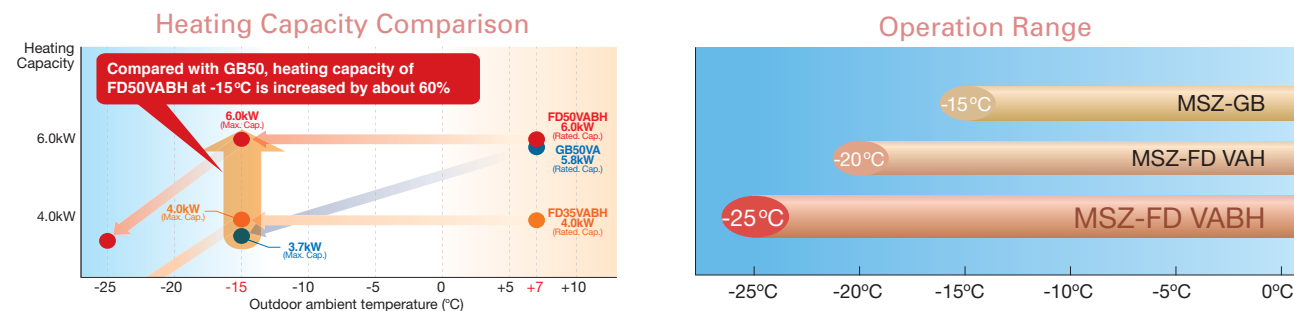
FD VABH SERIES

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



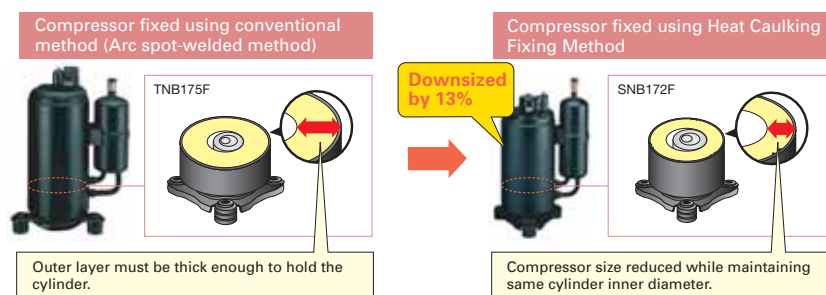
Unparalleled Heating Performance

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



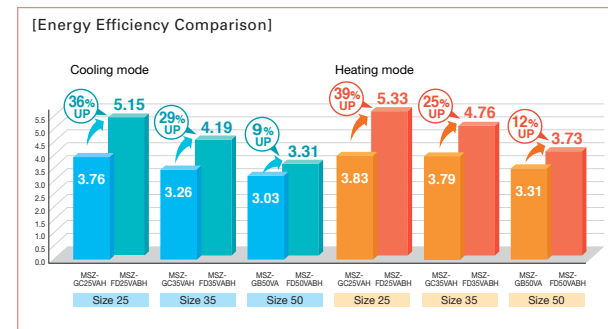
Compact, Powerful Compressor

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



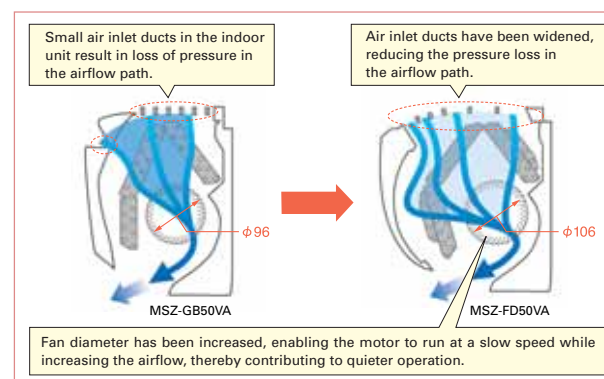
High Energy Efficiency – "Energy Rank A" for All Models

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



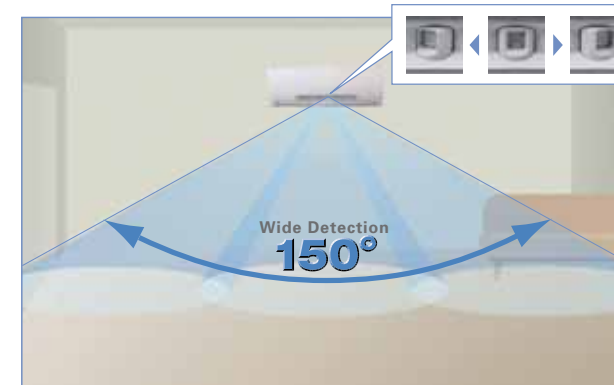
Amazingly Quiet Operation – Redesigned for Performance

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

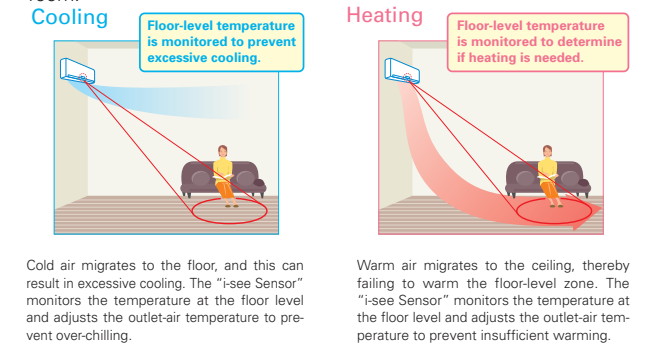


i-see Sensor

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

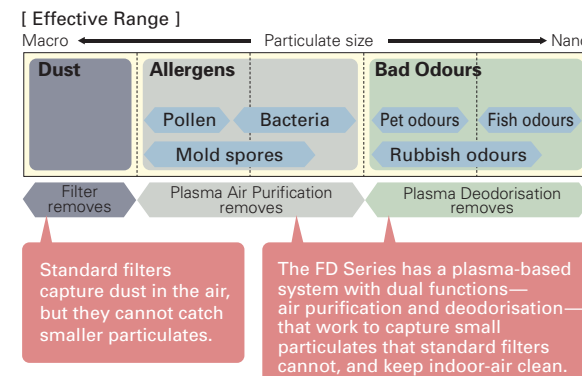


Conventional air conditioners monitor the air temperature at the top of a room to control room temperature and fail to take floor-level temperature, that which has the strongest impact on room comfort, into consideration. The "i-see Sensor" monitors floor-level temperature to ensure that optimum comfort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

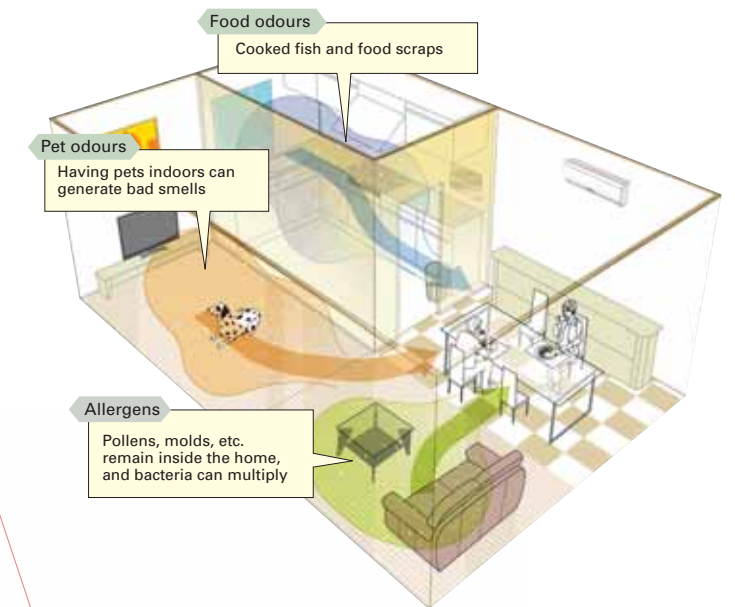


Plasma Duo Filter Systems

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



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



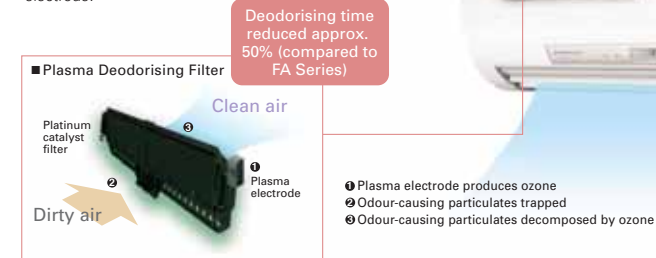
Plasma Electrode

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



Plasma Deodorisation

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



Plasma Air Purification

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



PLZ-HRP SERIES

DC Inverter

Vector Drive Motor

DC Scroll

Pure Earth Magnet

DC Fan Motor

VectorSense

PAM

Power Receiver

Grounded Piping

EER A

COP A

ZUBADAN

Indoor Unit



PLA-RP71/100/125BA2(3)

Outdoor Unit



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

Remote Controller



Standard Panel

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

Automatic Filter Elevation Panel

PLP-6BAJ (only Panel)

Standard Panel with "i-see Sensor"

PLP-6BAE (only Panel)
PLP-6BALME (with wired remote controller)
PLP-6BAMDE (with wireless remote controller)

i-see Sensor

Optional

100/125

Demand Control

Pure White

AUTO VANE

Fresh-Air Intake

High-efficiency

Long Life

Check!

SWING

High Ceiling

Low Ceiling

AUTO

ACQ

Auto Restart

Low Temp Cooling

Silent

Ampere Limit

Rotation Back-up

Centralised On/Off

Group Control

M-NET connection

COMPO

Self-Diagnosis

Wiring Reuse

Drain Lift Up

Pump Down

Flare connection

Self-Diagnosis

Failure Recall

PKZ-HRP SERIES

DC Inverter

Vector Drive Motor

DC Scroll

Pure Earth Magnet

DC Fan Motor

VectorSense

PAM

Power Receiver

Grounded Piping

EER A

COP A

ZUBADAN

Indoor Unit



PKA-RP100KAL

Outdoor Unit



PUHZ-HRP100VHA2

Remote Controller



*optional

Demand Control

Optional

Pure White

AUTO VANE

Check!

SWING

AUTO

ACQ

Auto Restart

Low Temp Cooling

Silent

Ampere Limit

Rotation Back-up

Optional

Centralised On/Off

Optional

Group Control

Optional

M-NET connection

COMPO

Self-Diagnosis

Wiring Reuse

Drain Lift Up

Pump Down

Flare connection

Self-Diagnosis

Failure Recall

Type				Inverter Heat Pump						
Indoor Unit				PLA-RP71BA2		PLA-RP100BA3		PLA-RP125BA2		
Outdoor Unit				PUHZ-HRP71VHA2		PUHZ-HRP100VHA2		PUHZ-HRP125YHA2		
Power Supply	Source			Outdoor power supply						
	Outdoor (V/Phase/Hz)			VHA:230 / Single / 50, YHA:400 / Three / 50						
	Indoor (V/Phase/Hz)			—						
Cooling	Capacity	Rated	kW	7.1		10.0		12.5		
		Min - Max	kW	4.9 - 8.1		4.9 - 11.4		5.5 - 14.0		
	Total Input	Rated	kW	1.940		2.440		3.790		
	EER				3.66		4.10		4.00	
Heating	Capacity	EEL Rank		A		A		A		
		Rated	kW	8.0		11.2		14.0		
	Min - Max	kW	4.5 - 10.2		4.5 - 14.0		5.0 - 16.0			
	Total Input	Rated	kW	1.900		2.540		3.570		
	COP				4.21		4.41		4.31	
	EEL Rank				A		A		A	
Operating Current(max)				30.0		36.0		14.0		
Indoor Unit	Input	Rated	kW	0.070		0.140		0.150		
	Operating Current(max)		A	0.51		1.00		1.00		
	Dimensions	H x W x D	mm	258 - 840 - 840		298 - 840 - 840		298 - 840 - 840		
	Weight			kg	23		26		27	
	Air Volume [Lo-Mi2-Mid-Hi]			m³/min	14.0 - 16.0 - 18.0 - 21.0		20.0 - 23.0 - 26.0 - 30.0		20.0 - 23.0 - 26.0 - 30.0	
	External Static Pressure			Pa	—		—		—	
	Sound Level [Lo-Mi2-Mid-Hi]			dB(A)	28 - 30 - 32 - 34		32 - 34 - 37 - 40		32 - 34 - 37 - 40	
	Breaker Size			A	—		—		—	
	Panel	Dimensions	H x W x D	mm	35 - 950 - 950		35 - 950 - 950		35 - 950 - 950	
		Weight			kg	6		6		6
Outdoor Unit	Dimensions	H x W x D	mm	1350 - 950 - 330 (+30)		1350 - 950 - 330 (+30)		1350 - 950 - 330 (+30)		
	Weight			kg	120		130		134	
	Air Volume	Cooling	Rated	m³/min	100.0		100.0		100.0	
		Heating	Rated	m³/min	100.0		100.0		100.0	
	Sound Level	Cooling - Silent	Rated	dB(A)	51 - 48		51 - 48		51 - 48	
		Heating	Rated	dB(A)	52		52		52	
	Operating Current(max)		A	29.5		35.0		13.0		
	Breaker Size		A	32		40		16		
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88		9.52 / 15.88		9.52 / 15.88		
	Max. Length	Out-In	m	75		75		75		
	Max. Height	Out-In	m	30		30		30		
Guaranteed Operating Range [Outdoor]		Cooling*	°C	-5 ~ +46						
		Heating	°C	-25 ~ +21						

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

Type				Inverter Heat Pump				
Indoor Unit				PKA-RP100KAL				
Outdoor Unit				PUHZ-HRP100VHA2		PUHZ-HRP100YHA2		
Power Supply	Source			Outdoor power supply				
	Outdoor (V/Phase/Hz)			VHA:230 / Single / 50, YHA:460 / Three / 50				
	Indoor (V/Phase/Hz)			-				
Cooling	Capacity	Rated	kW	10.0		10.0		
		Min - Max	kW	4.9 - 11.4		4.9 - 11.4		
	Total Input	Rated	kW	2.930		2.930		
	EER				3.41		3.41	
		EEL Rank				A		A
Heating	Capacity	Rated	kW	11.2		11.2		
		Min - Max	kW	4.5 - 14.0		4.5 - 14.0		
	Total Input	Rated	kW	3.100		3.100		
	COP				3.61		3.61	
		EEL Rank				A		A
	Operating Current (max)				35.6		13.6	
Indoor Unit	Input	Rated	kW	0.080		0.080		
	Operating Current (max)		A	0.57		0.57		
	Dimensions	H x W x D	mm	365 - 1170 - 295		365 - 1170 - 295		
	Weight			kg	21		21	
	Air Volume [Lo-Mi2-Mid-Hi]		m³/min	20.0 - 23.0 - 26.0		20.0 - 23.0 - 26.0		
	External Static Pressure		Pa	-		-		
	Sound Level [Lo-Mi2-Mid-Hi]		dB(A)	41 - 45 - 49		41 - 45 - 49		
	Breaker Size		A	-		-		
Outdoor Unit	Dimensions	H x W x D	mm	1350 - 950 - 330 (+30)		1350 - 950 - 330 (+30)		
	Weight			kg	120		134	
	Air Volume	Cooling	Rated	m³/min	100.0		100.0	
		Heating	Rated	m³/min	100.0		100.0	
	Sound Level	Cooling - Silent	Rated	dB(A)	51 - 48		51 - 48	
		Heating	Rated	dB(A)	52		52	
	Operating Current (max)		A	35.0		13.0		
	Breaker Size		A	40		16		
Ext. Piping	Diameter	Liquid / Gas	mm	9.52 / 15.88		9.52 / 15.88		
	Max. Length	Out-In	m	75		75		
	Max. Height	Out-In	m	30		30		
Guaranteed Operating Range [Outdoor]		Cooling*	°C	-5 ~ +46		-5 ~ +46		
		Heating	°C	-25 ~ +21		-25 ~ +21		

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

