







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.



* Some indoor units cannot be used with this unit



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

* Some indoor units cannot be used with this unit.

Single System Simultaneous Multi-System Twin Allows simultaneous operation of two indoor units on one floor. Can cover a large-scale space or dispersed installation on the same floor.

Connectable Combinations for Inverter Units

	Indoor Unit Capacity			
Outdoor Unit Capacity	Twin 50 : 50	Triple 33 : 33 : 33	Quadruple 25 : 25 : 25 : 25	
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-50TR-E MSDD-50WR-E MSDD-50TR2-E2 MSDD-50WR2-E	MSDT-111R-E MSDT-111R3-E	MSDF-1111R-E MSDF-1111R2-E	

Note: The distribution pipe listed is required for simultaneous multi-systems.

Power Inverter SERIES

Our Eco-conscious Power Inverter Series is designed to achieve industry-leading seasonal chergy-efficiency throught use of New R32 refrigerant and advanced technologies.









PUZ-ZM35/50VKA2

PUZ-ZM60/71VHA2

PUZ-ZM100/125/140V(Y)KA2 PUZ-ZM200/250YKA2

Industry-leading energy efficiency

Introduction of new R32 refrigerant realises improved cooling efficiency. Rating of more than 7.0 achieved for all capacity range.

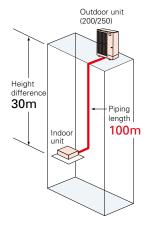
Introduction of new R32 refrigerant reduces energy consumption and realises energy savings.



Longer piping (60/71/100/125/140/200/250)

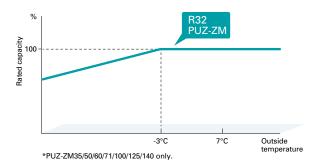
Longer piping length realised for 60, 71, 100, 125, 140, 200 and 250 classes, widely increasing installation flexibility

	Piping Length	
	R410A PUHZ-ZRP	R32 PUZ-ZM
35/50	50m	50m
60/71	50m	55m
100/125/140	75m	100m
200/250	100m	100m



Rated heating capacity maintained down to -3°C*

Rated heating capacity maintained even when the outside temperature is down to -3°C. Stay warm even at times of cold weather.



2+1 Back-up rotation*

The use of a three-refrigerant air conditioning system enables you to utilize the back-up, rotation, and cut-in functions. This allows you to implement effective risk management for added peace of mind.

*Availability of this function is depending on outdoor unit, indoor unit and remote controller.

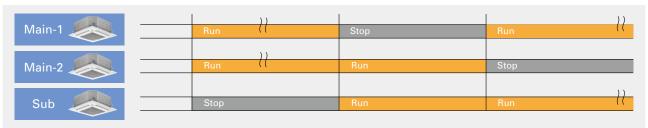
Back-up Function

In the unlikely event that one of the units stops operation due to an abnormality, the standby unit immediately starts back-up operation. Being fully prepared for a failure guarantees that and operation is always available and gives you the confidence that your system will be reliable in any situation.



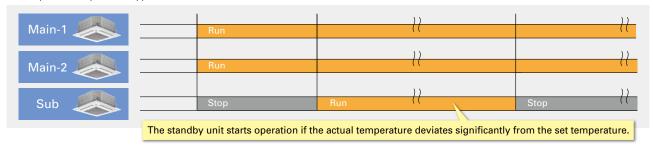
Rotation Function

A single remote controller is used to operate three-refrigerant air conditioning system in a rotation pattern. Reducing the burden on the equipment allows you to maintain a longer time between maintenance and increases product life.



Cut-in Function

If the actual room temperature greatly differs from the set temperature and two-refrigerant air conditioning system is insufficient, the standby unit starts operation to provide support.



Extended cooling set temperature range*

In environments such as gyms where people do strenuous exercise, even if the room is cooled to an appropriate temperature, people may feel that it is hot, and they need a cooler air. To satisfy such demands, we have extended the lower limit of the cooling set temperature range from 19–30°C. to 14–30°C.

- *Insulation kit (PAC-SK36HK-E) is required when indoor unit is PLA series.

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- 14°C 19°C 30°C

 Previous model 19–30°C

 New model 14–30°C

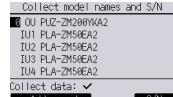




Display of model names and serial numbers*

The model names and serial numbers of the indoor/outdoor units that are connected to the MA smart remote controller can be automatically acquired and displayed through one simple operation. This eliminates the need to directly check each unit and helps with inquiries in the case of an abnormality.

- *Availability of this function is depending on outdoor unit, indoor unit and remote controller.
- Model name display (example)



Serial number display (example)

—Ac	ddres	s +			S/N
Col	lect	model	names	and	S/N
0 OU	1ZU0	0001			
IU1	1ZA0	0001			
IU2	1ZA0	0002			
IU3	1ZA0	0003			
IU4	1ZA0	0004			
Collec	et da	rta: 🗸			
— Ac	ddres	s +		l l	Mode I

Preliminary error history*

In addition to error history, the history of preliminary abnormalities can be displayed. The feature enables the unit status check during inspection and maintenance.

*Availability of this function is depending on outdoor unit, indoor unit and remote controller.

●Error history (Sample)

Preliminary error history (Sample)

Preli	minar	error h	ist. 1/8
Error	Unt#	dd/mm/yy	•
E0		21/10/20	
E0		20/12/20	
E0		20/11/20	
E0	0-1	20/10/20	PM12:01
Error history menu:			
▼ Fala	⊢ ▲		Он нте

Display of power consumption*

It is possible to measure, acquire, and display the amount of energy used by each air conditioning system.

*Availability of this function is depending on outdoor unit, indoor unit and remote controlled

< Data Collection Period >

Time data: Every 30 minutes over the past month Monthly/daily data: Monthly over the past 14 months

Energy consumption values are calculated from estimated power consumption values according to the operating conditions. They may vary from the actual power consumption values. Please note that the power consumption of optional parts is not included except in the case of optional parts that have their power supplied directly by the outdoor unit.

●Every 30 minutes (example)

Energy data		
2019- 1-	1234. 5kWh 1/6	
0:30 123.4kWh	2:30 123.4kWh	
1:00 123.4kWh	3:00 123,4kWh	
1:30 123.4kWh	3:30 123.4kWh	
2:00 123.4kWh	4:00 123.4kWh	
Return: 3		
— Date —	▼ Page 🛦	

●Daily (example)

		nergy:	/ data		
2019	- 1	1	23456.	7kWh	1/4
31	1234.	5kWh	27	1234.	5kWh
30	1234.	5kWh	26	1234.	5kWh
29	1234.	5kWh	25	1234.	5kWh
28	1234.	5kWh	24	1234.	5kWh
Return: 3					
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•Monthly (example)

Energy data				
▶2019- 1	123456. 7kWh	1/3		
2018-12	123456. 7kWh			
2018-11	123456, 7kWh			
2018-10	123456. 7kWh			
2018- 9	123456, 7kWh			
View daily	data:✔			
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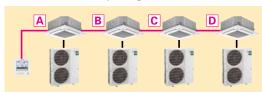
Improved defrosting performance*

*Availability of this function is depending on outdoor unit, indoor unit and remote controller.

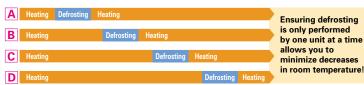
Avoiding Simultaneous Defrosting

When each of multiple units is in operation for heating in the same space, these may start defrosting at the same time, resulting in a drop in the room temperature. Therefore, we have developed a new function that controls up to four-refrigerant air conditioning system to avoid simultaneous defrosting. By ensuring that defrosting is only performed by one unit at a time, it is possible to minimize any decrease in room temperature.

Example System Configuration Four sets controlled by a single remote controller



■When All Sets Are Controlled Together



Defrosting When People Are Absent

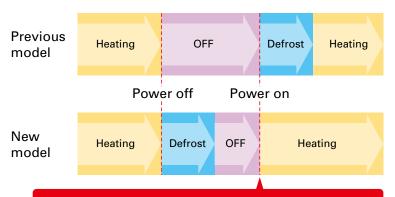
The use of the 3D i-see sensor allows a more comfortable defrosting schedule. After a large amount of frost has built up, the system will switch to defrosting when the 3D i-see sensor detects that no people are present. By minimizing defrosting while people are in the room, there is a much lower chance of a temperature drop while the room is occupied.



* Only compatible with 4-way cassette and 2x2 cassette models with an attached 3D i-see sensor panel. Even though people are present in the room, the defrosting process may start if all defrosting conditions are met.

Defrosting When Operation is Stopped

It takes a long time to start operation if there is an excess build-up of frost. Therefore, each unit is equipped with a control system where defrosting is performed immediately after operation is stopped when there is a large amount of frost. This allows heating to be quickly started the next day.



The power turns off after defrosting is complete and the system will start up smoothly the next time it is used.

Easier M-NET Adapter Installation

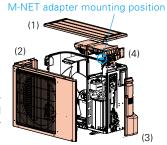
The optional M-NET adapter, which allows centralized control (M-NET control), is now easier to install. The redesigned mounting position significantly reduces the time and effort for installation.

Conventional Model

PAC-SJ96MA-E

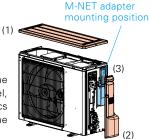
Removed parts

The (1) top panel, (2) front panel, (3) service panel, and (4) electronics box need to be removed, and the connector must be temporarily unplugged.





There is no need to remove the (1) top panel, (2) service panel, (3) service plate, electronics box, nor temporarily unplug the connector.



Improved chargeless piping length ZM100/125/140

PUZ-ZM100/125/140V(Y)KA used to have a chargeless pipe length of 30 m. However, starting with the V(Y)KA2 model, this has been extended to 40 m. This allows it to be used for a wider range of applications without the need for additional charging of refrigerant.

	Maximum piping length	Chargeless piping length
PUZ-ZM 100V (Y)KA	100m	30m
PUZ-ZM 125V (Y)KA	100m	30m
PUZ-ZM 140V (Y)KA	100m	30m

		Maximum piping length	Chargeless piping length
•	PUZ-ZM 100V (Y)KA2	100m	40m
•	PUZ-ZM 125V (Y)KA2	100m	40m
•	PUZ-ZM 140V (Y)KA2	100m	40m

Utilizing IoT for Improved Convenience*

*Availability of IoT functions are depending on MELCloud version.

By connecting to a MAC-587IF-E Wi-Fi interface, it is possible to collect data and perform air conditioning control via MELCloud. In addition to basic functions such as turning the power on/off and setting the temperature, it is also possible to acquire data used for maintenance and inspection such as model names, serial numbers, and operation data.

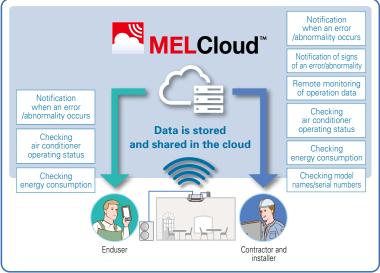
[Basic Operation Functions]

- ●Operation on/off
- •Temperature setting
- Operation mode
- •Airflow speed
- •Airflow direction etc...

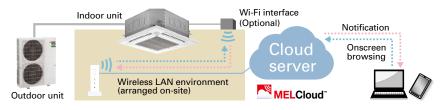
[Data Collection and Display]

- ■Model name display
- •Serial number display
- Collection of operation data
- ●Energy consumption display etc...

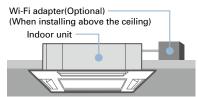




MELCloud System Configuration



Wi-Fi Adapter (Optional) Installation



On-Site Installation and Configuration

•Wireless LAN adapter installation Connect the wireless LAN adapter to the indoor unit PCB and install it above the ceiling.

Wireless LAN adapter and router connection settings

Wireless LAN adapter and server connection settings

Collection of operation data

All the operation data required for maintenance and inspection can be collected in a simple step. This data can then be easily checked via MELcloud. This makes it easy to check the operating status data even in cases when it is difficult to do a visual inspection. This allows you to quickly identify any system malfunctions. This function also helps to improve the quality of installation work and shortening the time required for maintenance and inspection. This operation

Operation data that can be collected (example)

- ●Compressor frequency ●Compressor operating current ●Outdoor discharge temperature
- ●Outdoor heat exchanger temperature ●Outdoor air temperature ●Compressor shell temperature
- ●Sub cool ●Discharge superheat ●Indoor inlet temperature ●Indoor heat exchanger temperature
- ●Total compressor operating time●Compressor operation count ●Indoor filter operating time
- *1 The total compressor operating time is displayed in units of 10 hours. The compressor operation count is displayed in units of 100.
 *2 Indicates the elapsed time since a filter sign reset was performed.

Demand control

It is possible to control air-conditioners to appropriately operate according to the energy supply-demand adjustment by electric power companies and each electricity rate plan of end users.

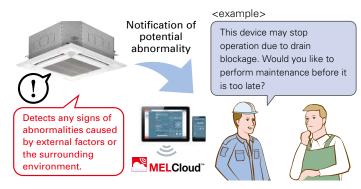
e.g. <Peak cut control> It is possible to utilize an external demand signal to reduce power consumption during peak hours. By satisfying the need for reducing peak power consumption or shifting consumption to a non-peak period, we have increased the range of options for our customers.

Notification of potential abnormality

The comprehensive analysis of operating data allows the early detection of abnormalities in small functional parts by alerting the operator of any signs of abnormal behaviour. The recognition in advance of abnormalities in each unit further improves the ease of servicing and maintenance. Since this allows a countermeasure to be implemented before the abnormality requires the unit to be completely shut down, it is an effective method for maintaining the unit in its optimum condition.

[Abnormalities That Have Their Signs Monitored]

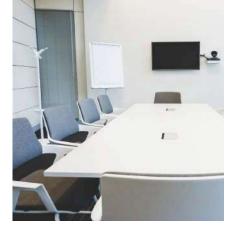
- ●Filter blockage ●Drain blockage ●Refrigerant leakage
- •Heat exchanger blockage etc...



data is strange...

Standard Inverter SERIES

Our Standard Series become light and compact with greater energy-saving performance.













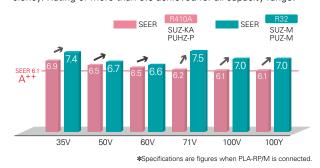
SUZ-M35VA SUZ-M50VA

PUZ-M100/125/140V(Y)KA2

PUZ-M200/250YKA2

Improved energy efficiency

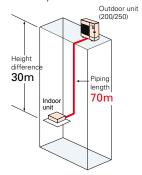
Introduction of new R32 refrigerant realises improved cooling efficiency. Rating of more than 6.6 achieved for all capacity range.



Longer piping (100/125/140/200/250)

Longer piping length realised for 100, 125, 140, 200 and 250 classes, widely increasing installation flexibility.

Max. Piping Length	
R410A SUZ-KA PUHZ-P	R32 SUZ-M PUZ-M
20m	20m
30m	30m
50m	55m
50m	65m
70m	70m
	R410A SUZ-KA PUHZ-P 20m 30m 50m



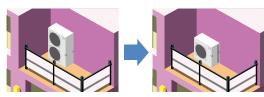
Light weight and compact size

Compact design fits into narrow outdoor unit space of condominiums and offices. Light weight design facilitates easy installation.



Unobstructive, compact, and easy to hide from view

Conventional outdoor units may spoil the view. Due to its compact size, the new model can be installed in locations that previous model is not suitable.



Easy transportation and installation





Transport efficiency improves thanks to its low height. The unit can even be transported by minivan.

2+1 Back-up rotation*

The use of a three-refrigerant air conditioning system enables you to utilize the back-up, rotation, and cut-in functions. This allows you to implement effective risk management for added peace of mind.

*Availability of this function is depending on outdoor unit, indoor unit and remote controller.

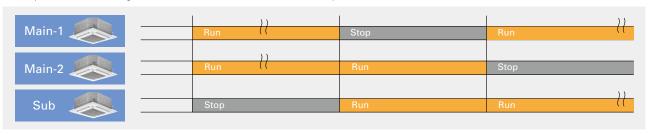
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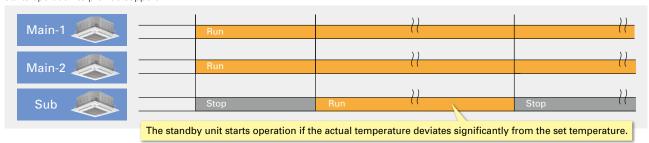
Rotation Function

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Cut-in Function

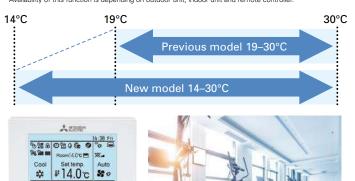
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Extended cooling set temperature range*

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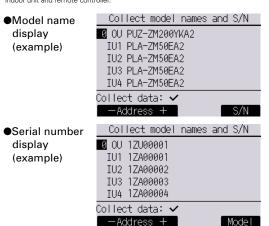
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Display of model names and serial numbers*

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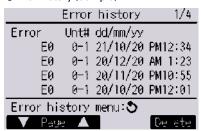


Preliminary error history*

In addition to error history, the history of preliminary abnormalities can be displayed. The feature enables the unit status check during inspection

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Error history (Sample)



Preliminary error history (Sample)

Pre!i	minar	y error	hist. 1 /8	
Error	Unt#	dd/mm/y	у	
E0	0-1	21/10/2	0 PM12:34	
E0			0 AM 1:23	
E0			0 PM10:55	
E0	0-1	20/10/2	0 PM12:01	
Error history menu:				
▼ Fa.	⊢ ▲		De ete	

Display of power consumption*

It is possible to measure, acquire, and display the amount of energy used by each air conditioning system.

- *Availability of this function is depending on outdoor unit, indoor unit and remote controller.
- < Data Collection Period >

Time data: Every 30 minutes over the past month Monthly/daily data: Monthly over the past 14 months

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Every 30 minutes (example)

chergy data				
2019- 1-	1234. 5kWh 1/6			
0:30 123.4kWh	2:30 123.4kWh			
1:00 123.4kWh	3:00 123.4kWh			
1:30 123.4kWh	3:30 123.4kWh			
2:00 123.4kWh	4:00 123.4kWh			
Return: 3				
– Cate –	▼ Page 🛦			

Daily (example)

	Energy	y data		
2019	- 1 1	23456.	7kWh	1/4
31	1234.5kWh	27	1234.	5kWh
30	1234.5kWh	26	1234.	5kWh
29	1234.5kWh	25	1234.	5kWh
28	1234.5kWh	24	1234.	5kWh
Retu	rn: ۞			
V	Page 🛕			

Monthly (example)

Er	nergy data	
▶2019- 1	123456. 7kWh	1/3
2018-12	123456.7kWh	
2018-11	123456, 7kWh	
2018-10	123456. 7kWh	
2018- 9	123456, 7kWh	
View daily	data:✔	
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Improved defrosting performance*

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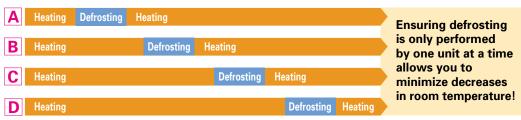
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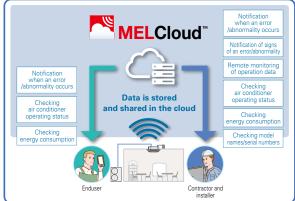
[Basic Operation Functions]

- ●Operation on/off ●Temperature setting
- ●Operation mode ●Airflow speed
- ●Airflow direction etc...

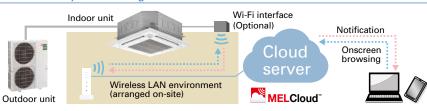
[Data Collection and Display]

- Collection of operation data
- ●Energy consumption display etc...

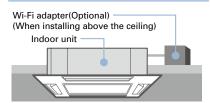




MELCloud System Configuration



Wi-Fi Adapter (Optional) Installation



On-Site Installation and Configuration

Wireless LAN adapter installation Connect the wireless LAN adapter to the indoor unit PCB and install it above the ceiling.

Wireless LAN adapter and router connection settings Wireless LAN adapter and server connection settings

> This operation data is strange...

Collection of operation data

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[Abnormalities That Have Their Signs Monitored]

- ●Filter blockage ●Drain blockage ●Refrigerant leakage
- Heat exchanger blockage etc...



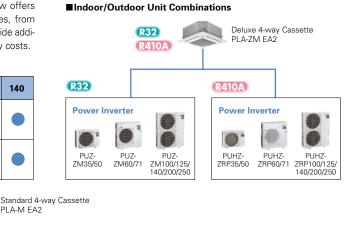


PLA-M EA2

Deluxe 4-way Cassette Line-up

For users seeking even further energy savings, Mitsubishi Electric now offers deluxe units (PLA-ZM) to complete the line-up of models in this series, from 35-140. Compared to the standard models (PLA-M), deluxe models provide additional energy savings, contributing to a significant reduction in electricity costs.

■Line-up Model 35 50 60 71 100 125 140 Series **R32** Deluxe way Cassette (PLA-ZM) (R410A) Standard **R32** R410A (PLA-M)





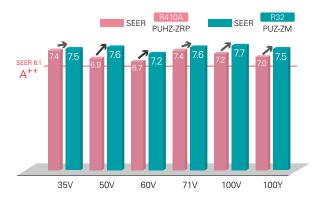
R32

R410A



Industry-leading energy efficiency

Introduction of new R32 refrigerant realises improved cooling efficiency. Rating of more than 7.0 achieved for all capacity range. Introduction of new R32 refrigerant reduces energy consumption and realises energy savings.



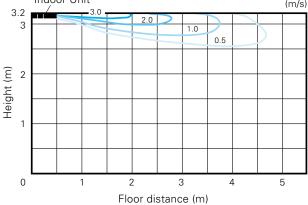
Horizontal Airflow

PI 17-

The new airflow control removes that uncomfortable drafty feeling with the introduction of a horizontal airflow that spreads across the

ceiling. The ideal airflow for offices and restaurants.





Automatic Grille Lowering Function (PLP-6EAJ, PLP-6EAJE)*

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

*Auto elevation panel(PLP-6EAJ,PLP-6EAJE) cannot be used with Plasma Quad Connect(PAC-SK51FT-E) and Insulation kit (PAC-SK36HK-E).



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



Wired Remote Controller



Wireless Remote Controller



Easy Installation

Electrical box wiring

After reviewing the power supply terminal position in the electrical box, the structure was redesigned to improve connectivity. This has made previously complex wiring work easier.

■ Previous model (B Series)



■ New model (E Series)



Increased space for plumbing work

The top and bottom positions of the liquid and gas pipes have been reversed to allow the gas pipe work, which requires more effort, to be completed first. Further, through structural innovations related to the space around the pipes, the area where the spanner can be moved has been increased, thus improving liquid pipe work and enabling it to be completed smoothly.

■ Previous model (B Series)



■ New model (E Series)



Temporary hanging hook

The structure of the panel has been revised and is now equipped with a temporary hanging hook. This has improved work efficiency during panel installation.





No need to remove screws

Installation is possible without removing the screws for the corner panel and the control box, simply loosen them. This lowers the risk of losing screws.

■ Corner panel



■ Control box cover



Lightweight decorative panel

After reviewing the structure and materials, weight has been reduced approximately 20% compared to the previous model, reducing the burden of installation.



3D F-see Sensor for S & P SERIES

Detects number of people

3D i-see Sensor detects the number of people in the room and sets the air-conditioning power accordingly. This makes automatic power-saving operation possible in places where the number of people entering and exiting is large. Additionally, when the area is continuously unoccupied, the system switches to a more enhanced power-saving mode. Depending on the setting, it will save additional capacity or stop operation altogether.

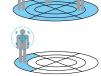
Detects people's position

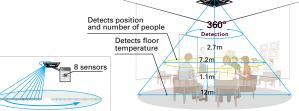
Once the position of a person is detected, the duct angle of the vane is automatically adjusted in that direction. Each vane can be independently set to "block wind" or "not block wind" according to taste.



Detects number of people







Floor surface *In case of a 2.7m ceiling

Detects number of people (3D i-see Sensor)

Room occupancy energy-saving mode

The 3D i-see Sensor detects the number of people in the room. It then calculates the occupancy rate based on the maximum number of people in the room up to that point in time in order to save air-conditioning power. When the occupancy rate is approximately 30%, air-conditioning power equivalent to 1°C during both cooling and heating operation is saved. The temperature is controlled according to the number of people.

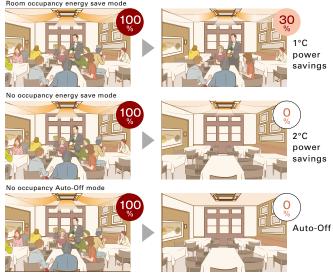
No occupancy energy-saving mode

When 3D i-see Sensor detects that no one is in the room, the system is switched to a pre-set power-saving mode. If the room remains unoccupied for more than 60min, air-conditioning power equivalent to 2°C during both cooling and heating operation is saved. This contributes to preventing waste in terms of heating and cooling.

No occupancy Auto-OFF mode*

When the room remains unoccupied for a pre-set period of time, the air conditioner turns off automatically, thereby providing even greater power savings. The time until operation is stopped can be set in intervals of 10min, ranging from 60 to 180 min.

* When MA Remote Controller is used to control multiple refrigerant systems, "No occupancy Auto-OFF mode" cannot be used.



*PAR-41MAA is required for each setting

Detects people's position (3D i-see Sensor)

Direct/Indirect settings*

Some people do not like the feel of wind, some want to be warm from head to toe. People's likes and dislikes vary. With the 3D i-see Sensor, it is possible to choose to block or not block to the wind for each vane.



*PAR-41MAA or PAR-SL101A-E is required for each setting.

Seasonal airflow*

<When cooling>

Saves energy while keeping a comfortable effective temperature by automatically switching between ventilation and cooling. When a pre-set temperature is reached, the air conditioning unit switches to swing fan operation to maintain the effective temperature. This clever function contributes to keeping a comfortable coolness.

<When heating>

The air conditioning unit automatically switches between circulator and heating. Wasted heat that accumulates near the ceiling is reused via circulation. When a pre-set temperature is reached the air conditioner switches from heating to circulator and blows air in the horizontal direction. It pushes down the warm air that has gathered near the ceiling to people's height, thereby providing smart heating.

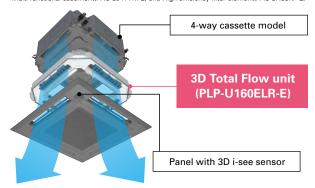


*PAR-41MAA is required for each setting.

3D Total Flow*

3D Total Flow is an innovative function. Our original 3D i-see sensor detects the temperature of the floor, and then the newly installed 3D Total Flow unit automatically controls the airflow in the left/right directions in a smart manner.

*3D Total Flow unit(PLP-U160ELR-E) cannot be used with Plasma Quad Connect(PAC-SK51FT-E), Insulation kit(PAC-SK36HK-E), Shutter Plate(PAC-SJ37SP-E), Multi functional casement(PAC-SJ41TM-E) and High-efficiency filter element(PAC-SH59KF-E)



Horizontal louver (3D Total Flow)

In addition to the ability of conventional models to control airflow in the vertical direction, the adoption of a horizontal louver unit allows each outlet to blow air over a horizontal angle of 90 degrees. The combination of four outlets delivers 360° airflow control around the entire circumference. This now makes it possible to blow air in diagonal directions which eliminates temperature irregularities.



Fine-tuned sensing & airflow direction control (3D Total Flow)

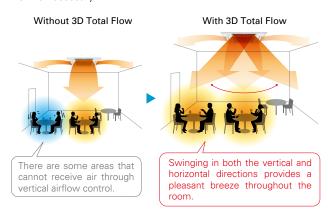


Swinging

Since airflow can be controlled in the horizontal and vertical directions, you can efficiently make the entire room comfortable.

Horizontal, vertical, and diagonal airflow delivered to every corner

The combination of the vertical vanes with the horizontal louver unit makes it possible to direct airflow in any direction. This quickly makes the entire room comfortable, even when diagonal airflow is necessary.





Indirect mode

When set to "Indirect" mode, the system detects the position of a person and maintains comfort while diverting airflow away from them.

Prevents direct airflow and keeps you comfortable

This function prevents people from being directly exposed to airflow while still ensuring comfort. The "Indirect" mode of 3D Total Flow keeps the downward airflow while avoiding direct blow to people, delivering a pleasant warmth.

Without 3D Total Flow

Models that are only equipped with vertical vanes need to swing the airflow upward to avoid people. This makes it difficult to warm up the surrounding space.



With 3D Total Flow

Now, it is easier to warm the surrounding space while still ensuring people do not receive direct blow.



*If people are present throughout the entire airflow range of an outlet, the airflow is shifted horizontally to avoid direct airflow.



Targeting

The system can detect spaces with uneven temperatures and target them by sending air even if they are in a diagonal direction.

Detects and targets areas with uneven temperatures

3D i-see sensor detects areas with uneven temperatures, even if they are caused by the installation orientation of the air conditioner or the influence of strong sunlight. Efficient air conditioning is possible thanks to the ability to send focused airflow to such areas, even those in a diagonal position.

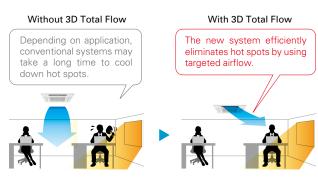


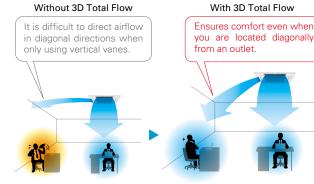
Direct mode

When set to "Direct" mode, the system detects the position and diverts airflow towards wherever they are located.

Delivers airflow even in diagonal directions

You can freely turn on "Direct" mode depending on personal prefereuce. This allows for air conditioning in diagonal directions which was difficult for models that could only swing the airflow up and down. This feature is perfect for when you come back home on a hot day.



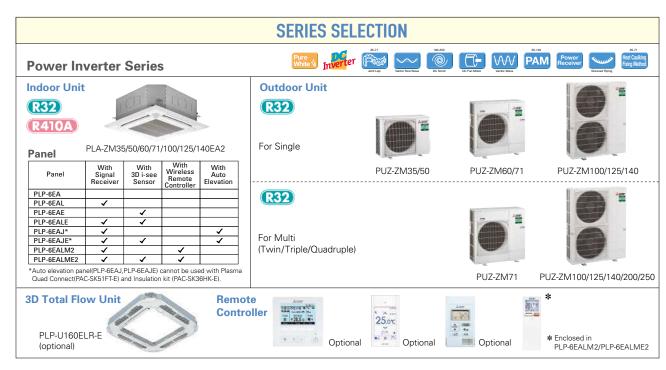


Connectable to Plasma Quad Connect

The optional Plasma Quad Connect PAC-SK51FT-E can be installed on the indoor units.

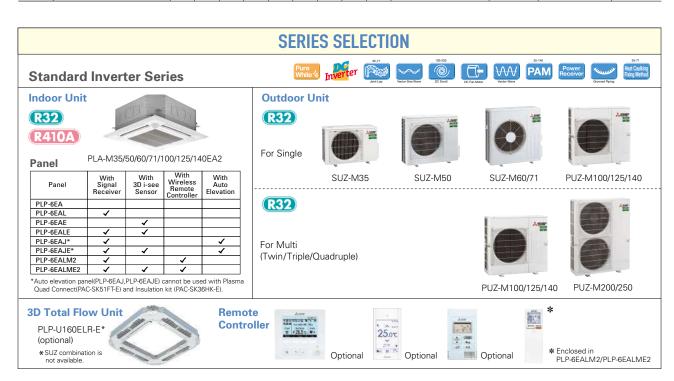
*Plasma Quad Connect(PAC-SK51FT-E) cannot be used with PLP-U160ELR-E(3D Total Flow unit), Insulation kit (PAC-SK36HK-E), Auto elevation panel(PLP-6EAJ, PLP-6EAJE), Multi functional casement(PAC-SJ41TM-E) and High-efficiency filter element(PAC-SH59KF-E).





PLA-ZM EA2 Indoor Unit Combinations Indoor unit combinations shown below are possible.

										Outd	oor Ur	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	gle						For	Γwin			Fo	or Trip	ole	For Qu	adruple
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power	Inverter (PUZ-ZM)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	_	_	_	_	_	-	-	N	ISDD-	50TR2-	·E	MS 50W	DD- 'R2-E	MSE	DT-111	R3-E		SDF- IR2-E



PLA-M EA2 Indoor Unit Combinations Indoor unit combinations shown below are possible.

										Outd	oor Ui	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	gle						For	Twin			Fo	or Trip	le	For Qu	adruple
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Standa	rd Inverter (SUZ & PUZ-M)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	-	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	MSD	D-50T	R2-E		DD- /R2-E	MSDT-111R3-E			SDF- 1R2-E	



















































n		
	Failure	

Type							lnv	erter Heat Pu	mp				
Indoor Unit	t			PLA-ZM35EA2	PI Α-7Μ50FΔ2	PLA-ZM60EA2	PLA-ZM71EA2		PLA-ZM100EA2	PLA-ZM125EA2	PI Α-7M125FΔ2	PLA-ZM140EA2	PLA-ZM140EA2
Outdoor U				PUZ-ZM35VKA2	PUZ-ZM50VKA2			PUZ-ZM100VKA2					
Refrigerant				1 OL LINOUVICAL	1 02 2.000 VIONZ	1 02 2.00001 IAZ	1 . OE 2.37 IVITAZ		32	1. OL 211.120VIOA2	1 02 2.1.120110A2	1 02 23314011042	1.02 2.01140110-
Power	Source							Outdoor po					
Supply	Outdoor(V/Phase/Hz)						\/K\\.\/	HA:230/Single/		aroo/50			
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	12.5	12.5	13.4	13.4
Cooling	Capacity	Min-Max	kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.5	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.0	6.2 - 15.0
	Total Input	Rated	kW	0.705	1.106	1.452	1.651	2.159	2.159	3.378	3.378	3.722	3.722
	EER	nateu	KVV	5.10	4.52	4.20	4.30	4.40	4.40	3.70	3.70	3.60	3.60
	Design load		kW	3.6	5.0	6.1	7.1	9.5	9.5	-	-	-	- 0.00
	Annual electricity consump	ation (*2)	kWh/a	168	230	296	327	431	442	_	_	_	_
	SEER (*4)	, 1011	KVVII/G	7.5	7.6	7.2	7.6	7.7	7.5	_	_	_	_
	SLER.	Energy efficiency class		A++	7.0 A++	A++	A++	A++	7.5 A++				
Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0
rieating	Capacity	Min-Max	kW	1.6 - 5.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0	5.7 - 18.0
	Total Input	Rated	kW	0.820	1.363	1.707	1.818	2.604	2.604	3.674	3.674	4.312	4.312
	COP	nateu	KVV	5.00	4.40	4.10	4.40	4.30	4.30	3.81	3.81	3.71	3.71
	Design load		kW	2.5	3.8	4.10	4.40	7.8	7.8	3.81	3.81	3./1	3./1
	Declared Capacity	at reference design temperature	kW	2.5 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)				
	Declared Capacity		kW							-	-	-	
		at bivalent temperature	kW	2.5 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	-	-	-
		at operation limit temperature	kW	2.1 (-11°C)	3.7 (-11°C)	2.8 (-20°C)	3.4 (-20°C)	5.8 (-20°C)	5.8 (-20°C)	-		-	-
	Back up heating capacity	41 (#2)		0.0	0.0 1086	0.0	0.0	0.0	0.0	_			
	Annual electricity consump	otion (*/	kWh/a	744		1339	1371	2271	2272			-	-
	SCOP			4.7 A++	4.9	4.6 A++	4.8 A++	4.8 A++	4.8 A++	-	_	-	-
	Current(Max)	Energy efficiency class		13.2	A++ 13.2	19.2	19.3	20.5	8.5	27.0	9.5	30.7	12.5
		In-a-d	A										
Indoor Unit	Input [cooling / Heating]	Rated	kW A	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.05 / 0.05	0.07 / 0.07	0.07 / 0.07	0.08 / 0.08	0.08 / 0.08 0.52	0.10 / 0.10	0.10 / 0.10
Unit	Operating Current(Max) Dimensions	H*W*D	mm		10-840 <40-95		0.34	0.47		10-840 <40-950		0.00	0.00
	Weight	H-M-D	mm kg	21 <5>	21 <5>	21 <5>	24 <5>	26 <5>	26 <5>	26 <5>	26 <5>	26 <5>	26 <5>
	Air Volume (Lo-Mi2-Mi1-Hi)		m ³ /min	11-13-15-16	12-14-16-18	12-14-16-18	17-19-21-23	19-22-25-28	19-22-25-28	21-24-26-29	21-24-26-29	24-26-29-32	24-26-29-32
	Sound Level (Lo-Mi2-Mi1-Hi) (S	SPI)	dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-33-36	31-34-37-40	31-34-37-40	33-36-39-41	33-36-39-41	36-39-42-44	36-39-42-44
	Sound Level (PWL)	51 L)	dB(A)	51	54	54	57	61	61	62	62	65	65
Outdoor	Dimensions	H*W*D	mm	630-809-300	630-809-300		943-950-330(+25)	1338-1050-330(+40)			1338-1050-330(+40)		1338-1050-330(+4
Unit	Weight	T	kg	46	46	67	67	105	111	105	114	105	118
Oilit	Air Volume	Cooling	m ³ /min	45	45	55	55	110	110	120	120	120	120
	All Volume	Heating	m³/min	45	45	55	55	110	110	120	120	120	120
	Sound Level (SPL)	Cooling	dB(A)	44	44	47	47	49	49	50	50	50	50
	Country Level (OI L)	Heating	dB(A)	46	46	49	49	51	51	52	52	52	52
	Sound Level (PWL)	Cooling	dB(A)	65	65	67	67	69	69	70	70	70	70
	Operating Current(Max)	Cooming	A A	13	13	19	19	20	8	26.5	9	30	11.8
	Breaker Size		A	16	16	25	25	32	16	32	16	40	16
Evt Dinine	Diameter(*5)	Liquid/Gas	mm	6.35 / 12.7	6.35 / 12.7	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.8
Ext.Fibilig	Max.Length	Out-In	m	50	50	55	55	100	100	100	100	100	100
	Max.Height	Out-In	m	30	30	30	30	30	30	30	30	30	30
Guaranta	ed Operating Range (Outdoor)	Cooling(*3)	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
Guarantes	eu Operating nange (Outdoor)	Heating	°C	-15 ~ +46 -11 ~ +21	-15 ~ +46 -11 ~ +21	-15 ~ +46 -20 ~ +21							

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the producty ourself and always ask a professional. The GWP of R32 is 675 in the IPCC 4th Assessment Report.
*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
*3 Optional air protection guide is required where ambient temperature is lower than -5°C.
*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No208/2012.
*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.



























































Type							Inverter	Heat Pump					
Indoor Unit													
Outdoor Un	it			SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA	PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2	PUZ-M140VKA2	PUZ-M140YKA2
Refrigerant ⁽	*1)					•		R	32				
Power	Source							Outdoor po	ower supply	12.1 12.1 13.4 5.8-13.0 5.8-13.0 5.8-14.1 4.019 4.019 4.962 3.01 3.01 2.70 -			
Supply	Outdoor(V/Phase/Hz)						VA-VK	4:230/Single/5	0, YKA:400/T	hree/50			
Cooling	Capacity	Rated	kW	3.6	5.5	6.1	7.1	9.5	9.5	12.1	12.1	13.4	13.4
		Min-Max	kW	0.8 - 3.9	1.2 - 5.6	1.6 - 6.3	2.2 - 8.1	4.0 - 10.6	4.0 - 10.6	5.8 - 13.0	5.8 - 13.0	5.8 - 14.1	5.8 - 14.1
	Total Input	Rated	kW	0.900	1.617	1.848	1.918	2.714	2.714	4.019	4.019	4.962	4.962
	EER	•	•	4.00	3.40	3.30	3.70	3.50	3.50	3.01	3.01	2.70	2.70
	Design load		kW	3.6	5.5	6.1	7.1	9.5	9.5	_	-	-	_
	Annual electricity consumpt	tion (*2)	kWh/a	170	285	320	331	475	475	_	-	-	_
	SEER (*4)			7.4	6.7	6.6	7.5	7.0	7.0	-	-	-	-
		Energy efficiency class		A++	A++	A++	A++	A++	A++	-	-	-	-
Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	11.2	11.2	13.5	13.5	15.0	15.0
		Min-Max	kW	1.0 - 5.0	1.5 - 7.2	1.6 - 8.0	2.0 - 10.2	2.8 - 12.5	2.8 - 12.5	4.1 - 15.0	4.1 - 15.0	4.2 - 15.8	4.2 - 15.8
	Total Input	Rated	kW	0.976	1.734	1.842	2.216	3.018	3.018	3.638	3.638	4.398	4.398
	COP			4.20	3.46	3.80	3.61	3.71	3.71	3.71	3.71	3.41	3.41
	Design load		kW	2.6	4.3	4.6	5.8	8.0	8.0	-	-	-	-
	Declared Capacity	at reference design temperature	kW	2.3 (-10°C)	3.8 (-10°C)	4.1 (-10°C)	5.2 (-10°C)	6.0 (-10°C)	6.0 (-10°C)	-	_	-	-
		at bivalent temperature	kW	2.3 (-7°C)	3.8 (-7°C)	4.1 (-7°C)	5.2 (-7°C)	7.0 (-7°C)	7.0 (-7°C)	-	-	-	-
		at operation limit temperature	kW	2.3 (-10°C)	3.8 (-10°C)	4.1 (-10°C)	5.2 (-10°C)	4.5 (-15°C)	4.5 (-15°C)	-	-	-	-
	Back up heating capacity		kW	0.3	0.5	0.5	0.6	2.0	2.0	-	-	-	-
	Annual electricity consumpt	tion (*2)	kWh/a	774	1458	1459	1798	2406	2406	-	-	-	-
	SCOP (*4)			4.7	4.1	4.4	4.5	4.6	4.6	_	_	-	-
		Energy efficiency class		A++	A+	A+	A+	A++	A++	_	-	-	-
	Current(Max)		А	8.7	13.7	15.0	15.1	20.5	12				12.2
Indoor	Input [cooling / Heating]	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.04 / 0.04	0.07 / 0.07	0.07 / 0.07				0.10 / 0.10
Unit	Operating Current(Max)		A	0.20	0.22	0.24	0.27	0.46	0.46				0.66
	Dimensions	H*W*D	mm			<40-950-950>							
	Weight		kg	19 <5>	19 <5>	21 <5>	21 <5>	24 <5>	24 <5>				26 <5>
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	11-13-15-16	12-14-16-18	12-14-16-18	14-17-19-21	19-23-26-29	19-23-26-29				24-26-29-32
	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)	dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-32-34						
0.44	Sound Level (PWL)	11#14/# D	dB(A)	51	54	54	56	61	61				65
Outdoor	Dimensions	H*W*D	mm	550-800-285 35	714-800-285 41	54 54	880-840-330 55	76	78				981-1050-330(+40) 85
Unit	Weight Air Volume	Cartina	kg m³/min	34.3	45.8	50.1	50.1	76	78				86
	Air volume	Cooling	_		45.8	50.1		79	79				92
	C	Heating	m³/min	32.7			50.1	51	51				55
	Sound Level (SPL)	Cooling	dB(A)	48	48 49	49 51	49 51	54	51				55
	Committee of (BMI)	Heating	dB(A)	59	64		_	70	70				73
	Sound Level (PWL)	Cooling	dB(A)	8.5	13.5	65 14.8	66 14.8	20	11.5				11.5
	Operating Current(Max) Breaker Size		A	10	13.5	14.8	14.8	32	11.5				11.5
Fort Direct		1:::-1/0											
Ext.Piping	Diameter(*5) Max.Length	Liquid/Gas Out-In	mm m	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88 30	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88				9.52 / 15.88 65
					30	30	30		30				30
	Max.Height	Out-In	m	12				30					
Guarantee	d Operating Range (Outdoor)	Cooling(*3)	°C	-10 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46

Heating -10 ~ +24 | -10 ~ +24 | -10 ~ +24 | -10 ~ +24 | -15 ~ +21 | -15 ~ +21 | -15 ~ +21 | -15 ~ +21 | -15 ~ +21 | -15 ~ +21 | -15 ~ +21 | -15 ~ +21 | °C **Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant might higher GWP, if leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R32 is 675 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than –5°C.

*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.



























C	Failure

ע וע	M AFRICA	Optional Optional 60-140V/200/250			Optional								
I LM-	M SERIES				-		110 m at	O TUE		(Company)			
	INVERTER		ation k-up	Cor	oup M-NE connection	COMPO	Wi-Fi)) cle	ning-free, Wiri	ng Drain se Lift Up	Pump Down	connection 3	Self Reca	ire all
		Operation Emilie Sub-	ional	Optional	Optional		Optional	Optio	od Ent op	DOWII		Diagnosis	411
Toma													
Туре				DI A MOSEAG	DI A MESSEAS	DI 4 1400E 10		erter Heat Pu		DI A MAIOFF AO	DI A MADEE AC	DI A 144 40E 40	DI 4 144 40 E 4
Indoor Uni					PLA-M50EA2								
Outdoor U				PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM/1VHA2			PUZ-ZM125VKA2	PUZ-ZM125YKA2	PUZ-ZM140VKA2	PUZ-ZM140YKA
Refrigeran									32				
Power	Source							Outdoor po					
Supply	Outdoor(V/Phase/Hz)	-	T					HA:230/Single					
	Capacity	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	12.5	12.5	13.4	13.4
		Min-Max	kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.5	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.0	6.2 - 15.0
	Total Input	Rated	kW	0.751	1.175	1.523	1.716	2.209	2.209	3.396	3.396	3.746	3.746
Cooling	EER			4.79	4.25	4.00	4.14	4.30	4.30	3.68	3.68	3.58	3.58
,	Design load		kW	3.6	5.0	6.1	7.1	9.5	9.5	_	-	_	_
	Annual electricity consump	otion(*2)	kWh/a	172	234	301	336	437	448	-	-	-	_
	SEER(*4)			7.3	7.4	7.1	7.4	7.6	7.4	-	-	-	_
		Energy efficiency class		A++	A++	A++	A++	A++	A++	-	_	_	-
	Capacity	Rated	kW	4.1	6.0	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0
		Min-Max	kW	1.6 - 5.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0	5.7 - 18.0
	Total Input	Rated	kW	0.890	1.581	1.863	2.014	2.685	2.685	3.773	3.773	4.365	4.365
	COP			4.61	3.79	3.76	3.97	4.17	4.17	3.71	3.71	3.67	3.67
Heating	Design load		kW	2.5	3.8	4.4	4.7	7.8	7.8	-	-	-	-
Average	Declared Capacity	at reference design temperature	kW	2.5 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	-	-	-
Season)		at bivalent temperature	kW	2.5 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	-	-	-
		at operation limit temperature	kW	2.1 (-11°C)	3.7 (-11°C)	2.8 (-20°C)	3.4 (-20°C)	5.8 (-20°C)	5.8 (-20°C)	-	-	-	-
	Back up heating capacity	•	kW	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
	Annual electricity consump	otion(*2)	kWh/a	798	1187	1422	1429	2496	2497	-	-	-	-
	SCOP(*4)			4.3	4.4	4.3	4.6	4.3	4.3	-	-	-	-
		Energy efficiency class		A+	A+	A+	A++	A+	A+	-	-	-	-
Operating	Current(Max)	,	А	13.2	13.2	19.2	19.3	20.5	8.5	27.2	9.7	30.7	12.5
	Input [cooling / Heating]	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.04 / 0.04	0.07 / 0.07	0.07 / 0.07	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10
	Operating Current(Max)		Α	0.20	0.22	0.24	0.27	0.46	0.46	0.66	0.66	0.66	0.66
	Dimensions	H*W*D	mm		258-840-840	<40-950-950>				298-840-840	<40-950-950>		
Indoor	Weight	•	kg	19 <5>	19 <5>	21 <5>	21 <5>	24 <5>	24 <5>	26 <5>	26 <5>	26 <5>	26 <5>
Unit	Air Volume (Lo-Mid-Hi)		m³/min	11-13-15-16	12-14-16-18	12-14-16-18	14-17-19-21	19-23-26-29	19-23-26-29	21-25-28-31	21-25-28-31	24-26-29-32	24-26-29-32
·····	Sound Level (Lo-Mid-Hi) (SPL	.)	dB(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-32-34	31-34-37-40	31-34-37-40	33-37-41-44	33-37-41-44	36-39-42-44	36-39-42-44
	Sound Level (PWL)		dB(A)	51	54	54	56	61	61	65	65	65	65
	Dimensions	H*W*D	mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40	1338-1050-330(+40	1338-1050-330(+40)	1338-1050-330(+4
	Weight		kg	46	46	67	67	105	111	105	114	105	118
	Air Volume	Cooling	m³/min	45	45	55	55	110	110	120	120	120	120
		Heating	m³/min	45	45	55	55	110	110	120	120	120	120
Outdoor	Sound Level (SPL)	Cooling	dB(A)	44	44	47	47	49	49	50	50	50	50
			dB(A)	46	46	49	49	51	51	52	52	52	52
Unit		Heating	ub(A)						69	70	70	70	70
Jnit	Sound Level (PWL)	Heating Cooling	dB(A)	65	65	67	67	69	09	/ / /	7.0		
Unit	Sound Level (PWL) Operating Current(Max)				65 13	67 19	67 19	20	8	26.5	9	30	11.8
Unit			dB(A)	65									11.8 16
Unit	Operating Current(Max)		dB(A)	65 13	13	19	19	20	8	26.5	9	30 40	16
	Operating Current(Max) Breaker Size	Cooling	dB(A) A	65 13 16	13 16	19 25	19 25	20 32	8 16	26.5 32	9	30 40	16
	Operating Current(Max) Breaker Size Diameter(*5)	Cooling Liquid/Gas	dB(A) A A mm	65 13 16 6.35 / 12.7	13 16 6.35 / 12.7	19 25 9.52 / 15.88	19 25 9.52 / 15.88	20 32 9.52 / 15.88	8 16 9.52 / 15.88	26.5 32 9.52 / 15.88	9 16 9.52 / 15.88	30 40 9.52 / 15.88	16 9.52 / 15.88
	Operating Current(Max) Breaker Size Diameter ^(*5) Max.Length	Cooling Liquid/Gas Out-In	dB(A) A A mm m	65 13 16 6.35 / 12.7 50	13 16 6.35 / 12.7 50	19 25 9.52 / 15.88 55	19 25 9.52 / 15.88 55	20 32 9.52 / 15.88 100	8 16 9.52 / 15.88 100	26.5 32 9.52 / 15.88 100	9 16 9.52 / 15.88 100	30 40 9.52 / 15.88 100	16 9.52 / 15.88 100

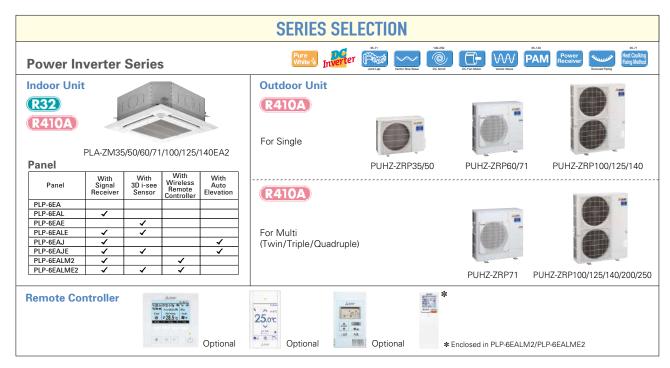
^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R32 is 675 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.



PLA-ZM EA2 Indoor Unit Combinations Indoor unit combinations shown below are possible.

										Outd	oor Uı	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	jle						For	Twin			F	or Trip	le	For Qua	adruple
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power	Inverter (PUHZ-ZRP)	35x1	50x1	60x1	71x1	100x1	125x1	140×1	-	-	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	_	-	-	-	-	-	ı	-	N	∕ISDD-	50TR-	E		DD- VR-E	MS	DT-111	IR-E		DF- 1R-E



PLA-M EA2 Indoor Unit Combinations Indoor unit combinations shown below are possible.

										Outd	oor U	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	gle						For	Twin			F	or Trip	le	For Qu	adruple
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Standa	rd Inverter (SUZ & PUHZ-P)	35x1	50x1	60×1	71x1	100x1	125x1	140×1	-	-	1	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	ı	MSI	DD-50	TR-E	MSDD-	50WR-E	MS	DT-111	IR-E	MSDF-	1111R-E

























































PAZMISSEAZ PAZM			Opt	onal	Optional	Optional		Optional	Optio	nal				
Pubmip P	Type													
Bellipsen	Indoor Uni	t			PLA-ZM35EA2	PLA-ZM50EA2	PLA-ZM60EA2	PLA-ZM71EA2	PLA-ZM100EA2	PLA-ZM100EA2	PLA-ZM125EA2	PLA-ZM125EA2	PLA-ZM140EA2	PLA-ZM140EA2
Source	Outdoor U	nit			PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3
Copacity Flated W 3.6 5.0 6.1 7.1 9.5 9.5 12.6 12.5 13.4 13.4	Refrigeran	t ^(*1)							R4	10A				
Copacity Flated W 3.6 5.0 6.1 7.1 9.5 9.5 12.6 12.5 13.4 13.4	Power	Source							Outdoor po	wer supply				
Total Input Rated IAW 16 - 4 5 23 - 56 27 - 6 33 - 81 49 - 114 49 - 114 55 - 140 55 - 140 62 - 15	Supply							VKA-VI			hree/50			
Total Input Rated IAW 16 - 4 5 23 - 56 27 - 6 33 - 81 49 - 114 49 - 114 55 - 140 55 - 140 62 - 15	Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	12.5	12.5	13.4	13.4
Total Input			Min-Max											
EER		Total Input	Rated	kW										
Design load														
Annual electricity consumption Part Pa				kW										
SEER"			otion (*2)								_	_	_	-
Capacity Rated R											_	_	_	_
Paper		022	Energy efficiency class								_	_		_
Total Input Part	Heating	Canacity		kW							14.0	14.0	16.0	16.0
Total Input	· · · · · · · · · · · · · · · · · · ·	Capacity			1.6 - 5.2									
COP		Total Input												
Design load			natos	lice e										
Declared Capacity				kW										
Source Part			at reference design temperature											
Scale		Deciared Supacity												-
Back up heating capacity														
Annual electricity consumption 120 110 110 120 1		Rack up heating capacity	at operation in it temperature											
SCOP***			ation (*2)											
Poperating Current(Max)		SCOP(*4)	Julion	KVVII/a							_	_	_	_
Departing Current(Max) A 13.2 13.2 13.2 19.2 19.3 27.0 8.5 27.0 10.0 28.7 13.7		0001	Energy efficiency class											
Induct Imput Imput Imput Imput Imp	Operating	Current(May)	Energy emolency class	ΙΔ								10.0		13.7
	Indoor		Rated											
Dimensions H*W*D mm 258-840-840 <40-950-950> 20-85> 26	Unit		Hated											
Weight Kg 21 < 5> 21 < 5> 21 < 5> 24 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5> 26 < 5 26 < 5> 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 5 26 < 26 < 5 26 < 26 < 5 26 < 5 26 < 26 < 5 26 < 26 < 5 26 < 26 < 5 26 < 26 < 5 26 < 26 < 5 26 < 26 < 5 26 < 26 < 5 26 < 26 < 26 < 26 < 26 < 26 < 26 < 26	Oilit		H*W*D					0.04	0.47				0.00	0.00
Air Volume			1					24 <5>	26 < 5>				26 < 5>	26 < 5>
Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		Air Volume (Lo-Mi2-Mi1-Hi)		m³/min										
Direction Dire		Sound Level (Lo-Mi2-Mi1-Hi) (SPL)	dB(A)	26-28-29-31									36-39-42-44
		Sound Level (PWL)		dB(A)	51	54	54	57	61	61	62	62	65	65
Air Volume	Outdoor	Dimensions	H*W*D	mm	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
Heating M³/min 45 45 55 55 110 110 120 1	Unit	Weight		kg	43	46	70	70	116	123	116	125	118	131
Sound Level (SPL)		Air Volume	Cooling	m³/min	45	45	55	55	110	110	120	120	120	120
Heating dB(A) 46 46 48 48 51 51 52 52 52 52 52 52			Heating	m³/min	45	45	55	55	110	110	120	120	120	120
Sound Level (PWL) Cooling dB(A) 65 65 67 67 69 69 70 70 70 70 70		Sound Level (SPL)	Cooling	dB(A)	44	44	47	47	49	49	50	50	50	50
Operating Current(Max)			Heating	dB(A)	46	46	48	48	51	51	52	52	52	52
Breaker Size		Sound Level (PWL)	Cooling	dB(A)	65	65	67	67	69	69	70	70	70	70
Breaker Size		Operating Current(Max)		Α	13	13	19	19	26.5	8	26.5	9.5	28	
Diameter* Diam				Α	16	16	25	25		16	32	16	40	
Max.Length Out-in m 50 50 50 50 75 75 75 75	Ext.Pipino		Liquid/Gas			6.35 / 12.7								9.52 / 15.88
Max.Height Out-ln m 30 30 30 30 30 30 30						50								
Suaranteed Operating Range (Outdoor) Cooling (**) Cooling (**)				m		30								
Heating °C -11 ~ +21 -11 ~ +21 -20 ~ +21 -20 ~ +21 -20 ~ +21 -20 ~ +21 -20 ~ +21 -20 ~ +21 -20 ~ +21 -20 ~ +21	Guarante				-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46					-15 ~ +46	-15 ~ +46
produing C V V C C C C C C C						-11 ~ +21								-20 ~ +21
	*1 Refrigo	rant leakage contributes to clima				tial (G\N/P) wo								

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with ligher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R410A is 2088 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than -5°C. *4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

^{*5} Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.































































Туре							Inverter	Heat Pump					
Indoor Unit				ΡΙ Δ-Μ35ΕΔ2	PLA-M50EA2	PLA-M60EA2			ΡΙ Δ-Μ100ΕΔ2	PI Δ.Μ125ΕΔ2	ΡΙ Δ-Μ125ΕΔ2	PLA-M140EA2	ΡΙ Δ.Μ1//0ΕΔ2
Outdoor Ur												PUHZ-P140VKA	
Refrigerant				302-KA33VA0	302-KA30VA0	302-KA00VA0	1302-KA7 TVA0		10A	01124 125VKA	O 125	1 0112-1 140VKA	1 0112-1 140110
Power	Source								ower supply				
Supply	Outdoor(V/Phase/Hz)						\/	4:230/Single/5		hree/50			
Cooling	Capacity	Rated	kW	3.6	5.5	5.7	7.1	9.4	9.4	12.1	12.1	13.6	13.6
Cooming	Capacity	Min-Max	kW	1.4 - 3.9	2.3 - 5.6	2.3 - 6.3	2.8 - 8.1	3.7 - 10.6	3.7 - 10.6	5.6 - 13.0	5.6 - 13.0	5.8 - 14.1	5.8 - 14.1
	Total Input	Rated	kW	1.020	1.610	1.760	2.100	3.186	3.186	4.101	4.101	5.418	5.418
	EER	Itateu	NVV	3.53	3.42	3.24	3.38	2.95	2.95	2.95	2.95	2.51	2.51
	Design load		kW	3.6	5.5	5.7	7.1	9.4	9.4	2.95	2.95	2.51	2.01
	Annual electricity consumpt	d = = (*2)	kWh/a	181	296	306	400	537	537				
	SEER(*4)	1011 1 7	KVVII/a	6.9	6.5	6.5	6.2	6.1	6.1		 	-	_
	SEEN' "	Energy efficiency class		0.9 A++	0.5 A++	0.5 A++	0.2 A++	0.1 A++	0.1 A++		-	H	
	lotu		LVAZ										
Heating	Capacity	Rated Min-Max	kW	4.1 1.7 - 5.0	5.8 1.7 - 7.2	6.9 2.5 - 8.0	8.0 2.6 - 10.2	11.2	11.2	13.5	13.5 4.8 - 15.0	15.0 4.9 - 15.8	15.0
	Table							2.8 - 12.5	2.8 - 12.5	4.8 - 15.0			4.9 - 15.8
	Total Input COP	Rated	kW	1.000	1.690	1.970	2.247	3.265	3.265	3.846	3.846	4.672	4.672
	—		1	4.10	3.43	3.50	3.56	3.43	3.43	3.51	3.51	3.21	3.21
	Design load		kW	2.6	4.3	4.6	5.8	8.0	8.0	_	-	-	_
	Declared Capacity	at reference design temperature	kW	2.3 (-10°C)	3.8 (-10°C)	4.0 (-10°C)	4.7 (-10°C)	6.0 (-10°C)	6.0 (-10°C)	-	-	-	-
		at bivalent temperature	kW	2.3 (-7°C)	3.8 (-7°C)	4.1 (-7°C)	5.1 (-7°C)	7.0 (-7°C)	7.0 (-7°C)	_	-	-	-
		at operation limit temperature	kW	2.3 (-10°C)	3.8 (-10°C)	4.0 (-10°C)	4.7 (-10°C)	4.5 (-15°C)	4.5 (-15°C)	_	_		_
	Back up heating capacity		kW	0.3	0.5	0.6	1.1	2.0	2.0	_	_	-	_
	Annual electricity consumpt	ion (*2)	kWh/a	826	1499	1493	1888	2433	2433		-	-	_
	SCOP(*4)			4.4	4.0	4.3	4.3	4.6	4.6	_	-	-	-
		Energy efficiency class		A+	A+	A+	A+	A++	A++		-		-
	Current(Max)		А	8.4	12.2	14.2	16.4	20.5	12.0	27.2	12.2	30.7	12.2
Indoor	Input [cooling / Heating]	Rated	kW	0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.04 / 0.04	0.07 / 0.07	0.07 / 0.07	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10
Unit	Operating Current(Max)	I	Α	0.20	0.22	0.24	0.27	0.46	0.46	0.66	0.66	0.66	0.66
	Dimensions	H*W*D	mm	40 5	258-840-840				04.5		<40-950-950>		00 5
	Weight		kg	19 <5>	19 <5>	21 <5>	21 <5>	24 <5>	24 <5> 19-23-26-29	26 <5>	26 <5>	26 <5>	26 <5> 24-26-29-32
	Air Volume (Lo-Mi2-Mi1-Hi) Sound Level (Lo-Mi2-Mi1-Hi) (S	ODI)	m³/min dB(A)	11-13-15-16									
	Sound Level (LO-IVIIZ-IVII 1-HI) (S	SPL)	dB(A)	26-28-29-31	27-29-31-32 54	27-29-31-32 54		31-34-37-40 61	31-34-37-40 61	33-37-41-44 65		36-39-42-44	36-39-42-44 65
Outdoor	Dimensions	H*W*D	mm		880-840-330		56 880-840-330				65	65	
Unit	Weight	H-W-D			54 54	50					981-1050-330		981-1050-330
Onit	Air Volume	Cooling	kg m³/min	35 36.3	44.6	40.9	53 50.1	76 79	78 79	84 86	85 86	84	85 86
	Air volume	-		34.8	44.6	49.2	48.2	79	79	92	92	92	92
	Sound Level (SPL)	Heating	m³/min dB(A)	34.8 49	52	49.2 55	48.2 55	51	79 51	54	54	56	56
	Sound Level (SPL)	Cooling		50	52		55		54	56	56		57
	Complete (BMI)	Heating	dB(A)		65	55 65	69	54 70	70	72	72	57 75	75
	Sound Level (PWL)	Cooling	dB(A)	62 8.2	12	14	16.1	20	11.5	26.5		30	75 11.5
	Operating Current(Max)		A	10	20	20		32	11.5	32	11.5	40	11.5
	Breaker Size	li i i i	А		6.35 / 12.7		20 9.52 / 15.88				16	9.52 / 15.88	
Ext.Piping	Diameter(*5)	Liquid/Gas	mm	6.35 / 9.52						9.52 / 15.88			
	Max.Length	Out-In	m	20	30	30	30	50 30	50	50	50 30	50 30	50 30
	Max.Height	Out-In	m	12		30			30	30			
Guarantee	d Operating Range (Outdoor)	Cooling(*3)	°C	-10 ~ +46	-15 ~ +46 -10 ~ +24	-15 ~ +46	-15 ~ +46 -10 ~ +24	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating	0.0	ı -10 ~ +24	1 -10 ~ +24	1 -10 ~ +24	1 -10 ~ +24	I -15 ~ +21	I -15 ~ +21	1 -15 ~ +21	1 -15 ~ +21	-15 ~ +21	I -15 ~ +21

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R410A is 2088 in the IPCC 4th Assessment Report.

Heating

^{*2} Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than -5°C. *4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

























P	LA-M SER	IES
	DOWED INVEDTED	























Type							Inve	erter Heat Pui	mp				
Indoor Unit	t												PLA-M140EA2
Outdoor U	nit			PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3
Refrigerant	[(*1)								10A	•			
Power	Source							Outdoor po	wer supply				
Supply	Outdoor(V/Phase/Hz)						VKA-VI	HA:230/Single/	50, YKA:400/T	hree/50			
	Capacity	Rated k\	Ν	3.6	5.0	6.1	7.1	9.5	9.5	12.5	12.5	13.4	13.4
		Min-Max kV		1.6 - 4.5	2.3 - 5.6	2.7 - 6.5	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.0	6.2 - 15.0
	Total Input	Rated kV	Ν	0.833	1.416	1.747	1.868	2.230	2.230	3.869	3.869	4.393	4.393
Cooling	EER			4.32	3.53	3.49	3.80	4.26	4.26	3.23	3.23	3.05	3.05
occining	Design load	kV		3.6	5.0	6.1	7.1	9.5	9.5	-	_	_	_
	Annual electricity consump	rtion ^(*2) kV	Nh/a	174	258	321	341	465	475	-	_	_	-
	SEER			7.2	6.7	6.6	7.2	7.1	6.9	-	_	-	-
		Energy efficiency class		A++	A++	A++	A++	A++	A++	-	_	-	-
	Capacity	Rated kV		4.1	6.0	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0
		Min-Max kV		1.6 - 5.8	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0	5.7 - 18.0
	Total Input	Rated kV	N	0.920	1.810	2.070	2.110	2.690	2.690	3.773	3.773	4.907	4.907
	COP	1	.,	4.46	3.31	3.38	3.79	4.16	4.16	3.71	3.71	3.26	3.26
Heating	Design load	kV		2.5	3.8	4.4	4.7	7.8	7.8	-	-	_	_
(Average	Declared Capacity	at reference design temperature kV		2.5 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	-		_
Season)		at bivalent temperature kV		2.5 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	_		-
		at operation limit temperature kN		2.1 (-11°C)	3.7 (-11°C)	2.8 (-20°C)	3.5 (-20°C)	5.8 (-20°C)	5.8 (-20°C)	-	-	-	_
	Back up heating capacity	kV		0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	_
	Annual electricity consump	tion(*2) k\	Nh/a	766	1215	1421	1405	2471	2472	-	_	_	_
	SCOP			4.5	4.3	4.3	4.6	4.4	4.4	-	-	-	_
		Energy efficiency class		A+	A+	A+	A++	A+	A+	-	_	_	_
	Current(Max)	A		13.2	13.2	19.2	19.3	27.0	8.5	27.2	10.2	28.7	13.7
	Input [cooling / Heating]	Rated k\		0.03 / 0.03	0.03 / 0.03	0.03 / 0.03	0.04 / 0.04	0.07 / 0.07	0.07 / 0.07	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10	0.10 / 0.10
	Operating Current(Max)			0.20	0.22	0.24 <40-950-950>	0.27	0.46	0.46	0.66 298-840-840	0.66	0.66	0.66
	Dimensions Weight	H*W*D m	ım	19 <5>	19 <5>	21 <5>	21 <5>	24 <5>	24 <5>	26 <5>	26 <5>	26 <5>	26 <5>
Indoor	Air Volume (Lo-Mid-Hi)		3/min	11-13-15-16	12-14-16-18	12-14-16-18	14-17-19-21	19-23-26-29	19-23-26-29	21-25-28-31	21-25-28-31	26 <5>	24-26-29-32
Unit	External Static Pressure	Pa		0	0	0	0	0	0	0	0	n	0
	Sound Level (Lo-Mid-Hi) (SPL		B(A)	26-28-29-31	27-29-31-32	27-29-31-32	28-30-32-34	31-34-37-40		33-37-41-44	33-37-41-44	36-39-42-44	36-39-42-44
	Sound Level (PWL)		B(A)	51	54	54	56	61	61	65	65	65	65
	Dimensions	H*W*D m	ım	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)		1338-1050-330(+40)		1338-1050-330(+40)		1338-1050-330(+40)
	Weight	kg	3	43	46	70	70	116	123	116	125	118	131
	Air Volume	Cooling m	3/min	45	45	55	55	110	110	120	120	120	120
		Heating m	3/min	45	45	55	55	110	110	120	120	120	120
Outdoor	Sound Level (SPL)		B(A)	44	44	47	47	49	49	50	50	50	50
Unit			B(A)	46	46	48	48	51	51	52	52	52	52
	Sound Level (PWL)		B(A)	65	65	67	67	69	69	70	70	70	70
	Operating Current(Max)	A		13	13	19	19	26.5	8	26.5	9.5	28	13
	Breaker Size	A		16	16	25	25	32	16	32	16	40	16
	Diameter(*5)		ım	6.35 / 12.7	6.35 / 12.7	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max.Length	Out-In m		50	50	50	50	75	75	75	75	75	75
	Max.Height	Out-In m		30	30	30	30	30	30	30	30	30	30
Guarantee	ed Operating Range (Outdoor)	Cooling(*3) °C		-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating °C	2	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant withingher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R410A is 2088 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

*4 SEER and SCOP are based on 2009/125/ECC.Energy-related Products Directive and Regulation(EU) No206/2012.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.





Energy efficiency has been improved. A reduced electricity consumption contributes to a further reduction in operating cost. The thin body with a wide-ranged external static pressure of this series is the perfect answer for the air conditioning needs of buildings with minimum ceiling installation space.

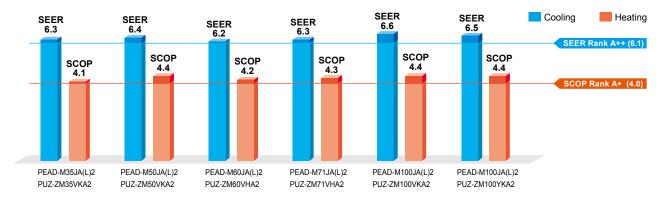
ErP Lot-10 compliant, Achieving High Energy Efficiency







The shape of fan wing and casing is improved to provide more smooth air flow, increasing the operation efficiency. All models under 12kW(M35~M100) are complied with ErP Lot 10 and energy rankings of A++ for cooling and A+ for heating. This contributes to a reduction in the cost of annual electricity.



Compact Indoor Units

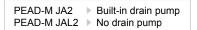
The height of the models from 35-140 has been unified to 250 mm, which makes installation in low ceiling with minimal clearance space possible.

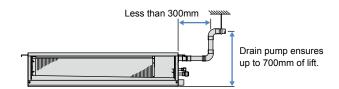
Selectable Static Pressure Levels

External static pressure conversion can be set up to five levels. Capable of being set to a maximum of 150 Pa, units are applicable to a wide range of building types.

Drain Pump is Optionally Selectable

The line-up consists of two types: models with or without a built-in drain pump, thus allowing more freedom in piping design.





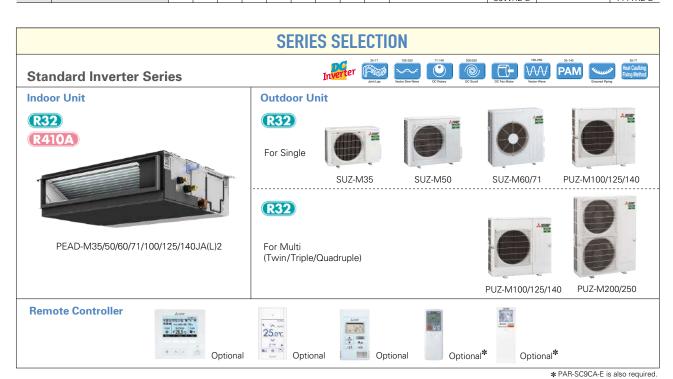
Connectable to Plasma Quad Connect

The optional Plasma Quad Connect MAC-100FT-E can be installed on the indoor unit's air inlet side. For installation, PQ attachment or PQ box is required.



PEAD-M JA(L)2 Indoor Unit Combinations Indoor unit combinations shown below are possible.

										Outd	oor Ui	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	gle						For	Twin			Fo	or Trip	le	For Qu	adruple
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power	Inverter (PUZ-ZM)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	N	ISDD-	0TR2	-E	MS 50W	DD- R2-E	MSE	T-111	R3-E	MS 1111	DF- IR2-E



PEAD-M JA(L)2 Indoor Unit Combinations Indoor unit combinations shown below are possible.

ILAL	P-IVI JA(L)Z IIIGOOI C	JIIIL	COII		atio	113	mado	n annt	COLLIDI	Hation	13 3110	vvii bo	iovv ai	c pos	SIDIC.						
										Outd	oor Uı	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	gle						For ⁻	Twin			Fo	or Trip	le	For Qu	adruple
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Standa	ard Inverter (PUZ-M&SUZ)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	-	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	MSE	D-50T	R2-E		DD- /R2-E	MSI	OT-111	R3-E		DF- IR2-E





























Type							Inverter	Heat Pump					
Indoor Unit	1			PEAD-M35 IA(I)2	PEAD-M50JA(L)2	PEAD-M60 IA/I 12	PFAD-M71.IA(I 12	PEAD-M100 IA(I.)2	PEAD-M100 IA(I.)2	PEAD-M125 IA(I.)2	PEAD-M125 IA(I.)2	PEAD-M140 IA(I.)2	PEAD-M140 IA(I)2
Outdoor U					PUZ-ZM50VKA2								
Refrigerant				1 OZ ZIVIOOVIO-IZ	1 02 21110011042	I OL LIVIOUVI IAL	I OZ ZIVIT I VI IPAZ		32	I OZ ZIVITZOVICAZ	I OZ ZIVITZSTIONZ	1 02 EW1140 VIOLE	1 02 2W114011042
	Source								ower supply				
Supply	Outdoor(V/Phase/Hz)						\/V \ \/	HA:230/Single/		broo/EO			
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	12.5	12.5	13.4	13.4
Cooling	Сарасіту	Min-Max	kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.3	6.2 - 15.3
	Total Innut	Rated	kW										
	Total Input EER(*4)	nated	KVV	0.837	1.190	1.487	1.775	2.261	2.261	3.333	3.333	3.701	3.701
				4.30	4.20	4.10	4.00	4.20	4.20	3.75	3.75	3.62	3.62
	Design load		kW	3.6	5.0	6.1	7.1	9.5	9.5	-	-	-	-
	Annual electricity consum	ption (*2)	kWh/a	199	273	342	393	499	510	-	-	-	-
	SEER(*4)(*5)			6.3	6.4	6.2	6.3	6.6	6.5	_	-	_	-
		Energy efficiency class		A++	A++	A++	A++	A++	A++	-	_	_	_
Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0
		Min-Max	kW	1.6 - 5.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0	5.7 - 18.0
	Total Input	Rated	kW	0.911	1.363	1.590	1.904	2.545	2.545	3.763	3.763	4.102	4.102
	COP(*4)			4.50	4.40	4.40	4.20	4.40	4.40	3.72	3.72	3.90	3.90
	Design load		kW	2.4	3.8	4.4	4.9	7.8	7.8	-	_	-	-
	Declared Capacity	at reference design temperature	kW	2.4 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.9 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	-	_	-
		at bivalent temperature	kW	2.4 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.9 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	-	-	-
		at operation limit temperature	kW	2.2 (-11°C)	3.7 (-11°C)	2.8 (-20°C)	3.4 (-20°C)	5.8 (-20°C)	5.8 (-20°C)	-	-	_	_
	Back up heating capacity		kW	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
	Annual electricity consum	ption(*2)	kWh/a	816	1202	1459	1585	2469	2470	-	-	-	-
	SCOP(*4)(*5)			4.1	4.4	4.2	4.3	4.4	4.4	_	-	_	-
		Energy efficiency class		A+	A+	A+	A+	A+	A+	_	-	_	_
Operating	Current(Max)	, ,	Α	14.2	14.4	20.9	20.9	22.3	10.3	28.8	11.3	32.6	14.4
Indoor	Input [cooling / Heating]	Rated	kW	0.05	0.07	0.08	0.09	0.14	0.14	0.20	0.20	0.21	0.21
Unit	Operating Current(Max)		Α	1.16	1.35	1.85	1.9	2.25	2.25	2.34	2.34	2.63	2.63
	Dimensions	H*W*D	mm	250×900×732	250×900×732	250×1100×732	250×1100×732	250×1400×732	250×1400×732	250×1400×732	250×1400×732	250×1600×732	250×1600×732
	Weight	<u> </u>	kg	25(24.5)	26.5(25.5)	29.5(29)	29.5(29)	37(36)	37(36)	38(37)	38(37)	42(41)	42(41)
	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	14.5-18.0-23.0	23.0-28.0-32.0	23.0-28.0-32.0	28.0-34.0-37.0	28.0-34.0-37.0	29.5-35.5-40.0	29.5-35.5-40.0
	External Static Pressure(*7)		Pa	35-<50>-<70>	-<100>-<150>		40-<50>-<70>	-<100>-<150>			<40>-50-<70>	-<100>-<150>	
	Sound Level (Lo-Mid-Hi) (SP	L)	dB(A)	24-29-32	27-33-35	26-32-35	26-32-37	31-36-39	31-36-39	35-39-41	35-39-41	34-38-41	34-38-41
	Sound Level (PWL)		dB(A)	54	58	56	58	62	62	66	66	66	66
Outdoor	Dimensions	H*W*D	mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40
Unit	Weight		kg	46	46	67	67	105	111	105	114	105	118
	Air Volume	Cooling	m³/min	45	45	55	55	110	110	120	120	120	120
		Heating	m³/min	45	45	55	55	110	110	120	120	120	120
	Sound Level (SPL)	Cooling	dB(A)	44	44	47	47	49	49	50	50	50	50
		Heating	dB(A)	46	46	49	49	51	51	52	52	52	52
	Sound Level (PWL)	Cooling	dB(A)	65	65	67	67	69	69	70	70	70	70
	Operating Current(Max)	1 9	Α	13	13	19	19	20	8	26.5	9	30	11.8
	Breaker Size		A	16	16	25	25	32	16	32	16	40	16
Ext.Piping	Diameter(*6)	Liquid/Gas	mm	6.35 / 12.7	6.35 / 12.7	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	55	55	100	100	100	100	100	100
	Max.Height	Out-In	m	30	30	30	30	30	30	30	30	30	30
	ed Operating Range (Outdoor)		°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
Guarantet	operating name (Outdoor)	Heating	°C	-15 ~ +40	-11 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-15 ~ +46 -20 ~ +21	-15 ~ +46 -20 ~ +21	-15 ~ +46 -20 ~ +21	-20 ~ +21	-20 ~ +21
		nate change. Refrigerant with low											

[|] Heating | °C | -11 - +21 | -11 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -20 - +21 | -























65 30

-10 - +46 -15 -



























		Optional											
Type							Inverter	Heat Pump					
Indoor Un	nit			PEAD-M35JA(L)2	PEAD-M50JA(L)2	PEAD-M60JA(L)2	PEAD-M71JA(L)2	PEAD-M100JA(L)2	PEAD-M100JA(L)2	PEAD-M125JA(L)2	PEAD-M125JA(L)2	PEAD-M140JA(L)2	PEAD-M140JA(L)2
Outdoor l	Jnit			SUZ-M35VA									PUZ-M140YKA2
Refrigera	nt ^(*1)								32				
Power	Source							Outdoor p	ower supply				
Supply	Outdoor(V/Phase/Hz)						VA-V		50, YKA:400/Th	ree/50			
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	12.1	12.1	13.4	13.4
_	11 ' '	Min-Max	kW	0.8 - 3.9	1.7 - 5.6	1.6 - 6.3	2.2 - 8.1	4.0 - 10.6	4.0 - 10.6	6.0 - 13.0	6.0 - 13.0	6.1 - 14.1	6.1 - 14.1
	Total Input	Rated	kW	0.923	1.351	1.694	2.028	2.878	2.878	4.019	4.019	4.768	4.768
	EER(*4)	<u>'</u>		3.90	3.70	3.60	3.50	3.30	3.30	3.01	3.01	2.81	2.81
	Design load		kW	3.6	5.0	6.1	7.1	9.5	9.5	_	_	_	_
	Annual electricity consum	nption (*2)	kWh/a	199	277	345	397	538	538	-	-	_	_
	SEER(*4)(*5)	•		6.3	6.3	6.1	6.2	6.1	6.1	-	-	-	-
		Energy efficiency class		A++	A++	A++	A++	A++	A++	-	-	-	-
Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	11.2	11.2	13.5	13.5	15.0	15.0
		Min-Max	kW	1.1 - 5.0	1.5 - 7.2	1.6 - 8.0	2.0 - 10.2	2.8 - 12.5	2.8 - 12.5	4.1 - 15.0	4.1 - 15.0	4.2 - 15.8	4.2 - 15.8
	Total Input	Rated	kW	1.025	1.463	1.842	2.105	2.947	2.947	3.739	3.739	4.155	4.155
	COP(*4)	·		4.00	4.10	3.80	3.80	3.80	3.80	3.61	3.61	3.61	3.61
	Design load		kW	2.6	4.3	4.6	5.8	8.0	8.0	-	-	-	-
	Declared Capacity	at reference design temperature	kW	2.3 (-10°C)	3.8 (-10°C)	4.1 (-10°C)	5.2 (-10°C)	6.0 (-10°C)	6.0 (-10°C)	-	-	-	-
		at bivalent temperature	kW	2.3 (-7°C)	3.8 (-7°C)	4.1 (-7°C)	5.2 (-7°C)	7.0 (-7°C)	7.0 (-7°C)	-	-	-	-
		at operation limit temperature	kW	2.3 (-10°C)	3.8 (-10°C)	4.1 (-10°C)	5.2 (-10°C)	4.5 (-15°C)	4.5 (-15°C)	-	-	-	-
	Back up heating capacity		kW	0.3	0.5	0.5	0.6	2.0	2.0	-	-	-	-
	Annual electricity consum	nption (*2)	kWh/a	884	1417	1558	1973	2725	2725	-	-	-	-
	SCOP(*4)(*5)			4.1	4.2	4.1	4.1	4.1	4.1	-	-	-	-
		Energy efficiency class		A+	A+	A+	A+	A+	A+	-	-	-	-
Operatin	g Current(Max)	•	Α	9.7	14.9	16.7	16.7	22.3	13.8	27.8	12.8	31.4	12.9
Indoor	Input [cooling / Heating]	Rated	kW	0.05	0.07	0.08	0.09	0.14	0.14	0.20	0.20	0.21	0.21
Unit	Operating Current(Max)		Α	1.16	1.35	1.85	1.9	2.25	2.25	2.34	2.34	2.63	2.63
	Dimensions	H*W*D	mm									250×1600×732	
	Weight		kg	25(24.5)	26.5(25.5)	29.5(29)	29.5(29)	37(36)	37(36)	38(37)	38(37)	42(41)	42(41)
	Air Volume (Lo-Mid-Hi)		m³/min			14.5-18.0-21.0				28.0-34.0-37.0		29.5-35.5-40.0	
	External Static Pressure(*7)		Pa		-<100>-<150>	00.00.05		-<100>-<150		05.00.44		>-<100>-<150>	
	Sound Level (Lo-Mid-Hi) (SF Sound Level (PWL)	² L)	dB(A)	24-29-32 54	27-33-35	26-32-35 56	26-32-37 58	31-36-39 62	31-36-39 62	35-39-41 66	35-39-41 66	34-38-41 66	34-38-41 66
Outdoor		lH*W*D	mm	550-800-285	58 714-800-285	880-840-330						981-1050-330(+40)	
Unit	Weight	IL MA D	kg	35	41	54	55	76	78	84	85	84	85
Oilit	Air Volume	Cooling	m³/min	34.3	45.8	50.1	50.1	79	79	86	86	86	86
	Air volume	Heating	m³/min	34.3	43.7	50.1	50.1	79	79	92	92	92	92
	Sound Level (SPL)	Cooling	dB(A)	48	43.7	49	49	51	51	54	54	55	55
	Journa Level (SFL)	Heating	dB(A)	48	48	51 51	51 51	51	51	56	54 56	55	55 57
	Sound Level (PWL)	Cooling	dB(A)	59 59	64	65	66	70	70	72	72	73	73
	Operating Current(Max)	Cooling	A A	8.5	13.5	14.8	14.8	20	11.5	26.5	11.5	30	11.5
	Breaker Size		Α	16	20	20	20	32	16	32	16	40	16
Fort Dimin	g Diameter(*6)	Liquid/Gas	Α	6.35 / 9.52	6.35 / 12.7			9.52 / 15.88		9.52 / 15.88			9.52 / 15.88
EXT.Pipin	g Diameter	[Liquid/Gas	mm	0.35/9.52	0.30 / 12./	0.35 / 15.88	J 9.5∠ / I5.88	J 9.5∠ / 15.88	J 9.5∠ / I5.88	9.5∠ / 15.88	J 9.5∠ / 15.88	9.52 / 15.88	9.52 / 15.88

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP; I leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R32 is 675 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than –5°C. *4 EER/COP and SEER/SCOP for M35-71 are measured at ESP 35Pa, for M100 at ESP 37Pa, for M125/140 at ESP 50Pa.

*5 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No208/2012.

*6 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

30 30

Heating

Max.Length

Max.Height
Guaranteed Operating Range (Outdoor



PEAD-M JA(L) Indoor Unit Combinations Indoor unit combinations shown below are possible.

										Outd	oor Ur	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	jle						For	Twin			Fo	or Trip	le	For Qu	adruple
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power	Inverter (PUHZ-ZRP)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	_	_	-	_	-	_	-	Ν	/ISDD-	50TR-	E		DD- VR-F	MS	DT-111	1R-E	MS 111	DF- 1R-F



PEAD-M JA(L) Indoor Unit Combinations Indoor unit combinations shown below are possible.

* PAR-SC9CA-E is also required.

										Outd	oor U	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	gle						For	Twin			F	or Trip	le	For Qu	adruple
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Standa	rd Inverter (PUHZ-P&SUZ)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	-	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	_	_	-	-	-	-	-	-	-	MSI	DD-50	ΓR-E	MSDD-	50WR-E	MS	DT-111	IR-E	MSDF-	1111R-E











































		.,											
Туре								Heat Pump					
Indoor Unit											PEAD-M125JA(L)2		
Outdoor Ur				PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA:
Refrigerant	(*1)							R4	10A				
Power	Source							Outdoor po	ower supply				
Supply	Outdoor(V/Phase/Hz)						VKA•V	HA:230/Single/	/50, YKA:400/T	hree/50			
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	12.5	12.5	13.4	13.4
		Min-Max	kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.3	6.2 - 15.3
	Total Input	Rated	kW	0.870	1.420	1.630	1.990	2.410	2.430	3.834	3.834	4.322	4.322
	EER(*4)	•		4.14	3.52	3.74	3.53 (3.57)	3.94	3.94	3.26	3.26	3.10	3.10
	Design load		kW	3.6	5.0	6.1	7.1	9.5	9.5	-	-	-	-
	Annual electricity consum	ption (*2)	kWh/a	205	287	340	411	542	553	-	-	-	-
	SEER(*4)(*5)	-		6.1	6.1	6.2	6.0	6.1	6.0	-	_	-	-
		Energy efficiency class		A++	A++	A++	A+	A++	A+	-	_	-	_
Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0
		Min-Max	kW	1.6 - 5.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0	5.7 - 18.0
	Total Input	Rated	kW	0.950	1.500	1.790	2.030	2.600	2.600	3.508	3.508	4.071	4.071
	COP(*4)	•		4.32	4.00	3.91	3.94	4.31	4.31	3.70 (3.99)	3.70 (3.99)	3.60	3.60
	Design load		kW	2.4	3.8	4.4	4.9	7.8	7.8	-	_	-	-
	Declared Capacity	at reference design temperature	kW	2.4 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.9 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	-	-	-
		at bivalent temperature	kW	2.4 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.9 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	_	-	-
		at operation limit temperature	kW	2.2 (-11°C)	3.7 (-11°C)	2.8 (-20°C)	3.7 (-20°C)	5.8 (-20°C)	5.8 (-20°C)	-	-	-	-
	Back up heating capacity		kW	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
	Annual electricity consum	ption (*2)	kWh/a	831	1232	1487	1718	2593	2594	-	-	-	-
	SCOP(*4)(*5)	-		4.0	4.3	4.1	3.9	4.2	4.2	-	-	-	-
		Energy efficiency class		A+	A+	A+	A	A+	A+	-	-	-	-
Operating	Current(Max)		А	14.2	14.4	20.9	20.9	28.8	10.3	28.8	11.8	30.6	15.6
Indoor	Input [cooling / Heating]	Rated	kW	0.05	0.07	0.08	0.09	0.14	0.14	0.20	0.20	0.21	0.21
Unit	Operating Current(Max)		Α	1.16	1.35	1.85	1.9	2.25	2.25	2.34	2.34	2.63	2.63
	Dimensions	H*W*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	250×1600×73
	Weight		kg	25(24.5)	26.5(25.5)	29.5(29)	29.5(29)	37(36)	37(36)	38(37)	38(37)	42(41)	42(41)
	Air Volume (Lo-Mid-Hi)		m³/min		12.0-14.5-17.0					28.0-34.0-37.0	28.0-34.0-37.0		29.5-35.5-40.
	External Static Pressure(*7)		Pa		-<100>-<150>		40-<50>-<70>					-<100>-<150>	
	Sound Level (Lo-Mid-Hi) (SP	L)	dB(A)	24-29-32	27-33-35	26-32-35	26-32-37	31-36-39	31-36-39	35-39-41	35-39-41	34-38-41	34-38-41
0.11	Sound Level (PWL)	I I E I A I E D	dB(A)	54	58	56	58	62	62	66	66	66	66
Outdoor	Dimensions	H*W*D	mm	630-809-300			943-950-330(+30)				1338-1050-330(+40		1338-1050-330(+4
Unit	Weight	0 1	kg .	43	46	70	70	116	123	116	125	118	131
	Air Volume	Cooling	m³/min	45	45	55	55	110	110	120	120	120	120
	0 11 1/081	Heating	m³/min	45	45	55	55	110	110	120	120	120	120
	Sound Level (SPL)	Cooling	dB(A)	44	44	47	47	49	49	50 52	50	50	50
	Sound Level (PWL)	Heating	dB(A)	46	46	48	48	51	51		52	52	52
		Cooling	dB(A)	65	65	67	67	69 26.5	69	70 26.5	70 9.5	70	70
	Operating Current(Max)		A	13	13	19	19		8			28	13
F + B' '	Breaker Size	II: : 110	Α	16	16	25	25	32	16	32	16	40	16
	Diameter ^(*6)	Liquid/Gas	mm	6.35 / 12.7	6.35 / 12.7	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	75	75	75	75	75	75
	Max.Height	Out-In	m	30	30	30	30	30	30	30	30	30	30
Guarantee	d Operating Range (Outdoor)		°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating	°C	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere the impact on global warming go are refrigerant with higher GWP, if leaked to the atmosphere contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R410A is 2088 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than -5°C. *4 EER/COP and SEER/SCOP for M35-71 are measured at ESP 35Pa, for M100 at ESP 37Pa, for M125/140 at ESP 50Pa.

*5 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

*6 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

*7 The factory setting of ESP is shown without < >...





















































Product Prod			Optional											
SUZ-KASSVAB SUZ														
Refrigered Power Source Power	Indoor Uni	t												
Source	Outdoor U	nit			SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6	PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA	PUHZ-P140VKA	PUHZ-P140YKA
Cooling	Refrigeran	ţ(*1)							R4	10A				
Capacity	Power	Source							Outdoor po	ower supply				
Min-Max NW 14-39 23-56 23-63 28-81 37-106 67-106 56-130 58-141 58-141 58-141 58-141 58-141 59-146	Supply	Outdoor(V/Phase/Hz)						VA•VI	KA:230/Single/5	50, YKA:400/Th	ree/50			
Total Input	Cooling	Capacity	Rated	kW	3.6	4.9	5.7	7.1	9.4	9.4	12.1	12.1	13.6	13.6
EER'*-		1 1	Min-Max	kW	1.4 - 3.9	2.3 - 5.6	2.3 - 6.3	2.8 - 8.1	3.7 - 10.6	3.7 - 10.6	5.6 - 13.0	5.6 - 13.0	5.8 - 14.1	5.8 - 14.1
Pesign load			Rated	kW	1.029	1.458	1.652	2.060	2.965	2.965	4.143	4.143	5.551	5.551
Heating Family		EER(*4)	•		3.50	3.36	3.45	3.45	3.17	3.17	2.92	2.92	2.45	2.45
Restrict		Design load		kW	3.6	4.9	5.7	7.1	9.4	9.4	-	-	-	-
		Annual electricity consum	ption (*2)	kWh/a	210	284	326	395	596	596	-	-	-	-
Capacity Rated WV 4.1 5.9 7.0 8.0 11.2 11.2 13.5 13.5 15.0 15.0 15.0		SEER(*4)(*5)			6.0	6.0	6.1	6.2	5.5	5.5	-	-	-	-
Total Input Part			Energy efficiency class		A+	A+	A++	A++	A	А	-	-	-	-
Total Input	Heating	Capacity	Rated	kW	4.1	5.9	7.0	8.0	11.2	11.2	13.5	13.5	15.0	15.0
Coperating Current(Max) Diporating Current(Max) Enternal Static Pressure** Part May Coperating Current(Max) Diporating Diporating Current(Max) Diporating Diporatin	_	11	Min-Max	kW	1.7 - 5.0	1.7 - 7.2	2.5 - 8.0	2.6 - 10.2	2.8 - 12.5	2.8 - 12.5	4.8 - 15.0	4.8 - 15.0	4.9 - 15.8	4.9 - 15.8
Design load			Rated	kW	1.111	1.620	1.928	2.040	2.947	2.947	3.739	3.739	4.347	4.347
Declared Capacity		COP(*4)	•		3.69	3.64	3.63	3.80	3.80	3.80	3.61	3.61	3.45	3.45
at bivalent temperature kW 2.5 (-1°C) 3.9 (-1°C) 4.1 (-1°C) 5.3 (-1°C) 7.0 (-1°C) 7.0 (-1°C)		Design load		kW	2.8	4.4	4.5	6.0	8.0	8.0	-	-	-	-
State Stat		Declared Capacity	at reference design temperature	kW	2.5 (-10°C)	3.9 (-10°C)	4.1 (-10°C)	5.3 (-10°C)	6.0 (-10°C)	6.0 (-10°C)	-	-	-	-
Back up heating capacity			at bivalent temperature	kW	2.5 (-7°C)	3.9 (-7°C)	4.1 (-7°C)	5.3 (-7°C)	7.0 (-7°C)	7.0 (-7°C)	-	-	-	-
Annual electricity consumption Part Min/a 975 1455 1559 2132 2797 2797 -			at operation limit temperature	kW	2.5 (-10°C)	3.9 (-10°C)	4.1 (-10°C)	5.3 (-10°C)	4.5 (-15°C)	4.5 (-15°C)	-	-	-	-
SCOP**4(**9)		Back up heating capacity	•	kW	0.3	0.5	0.4	0.7	2.0	2.0	-	-	-	-
Energy efficiency class		Annual electricity consum	ption (*2)	kWh/a	975	1455	1559	2132	2797	2797	-	-	-	-
Diparting Current(Max)		SCOP(*4)(*5)	-		4.0	4.2	4.0	3.9	4.0	4.0	-	-	-	-
Induct Unit			Energy efficiency class		A+	A+	A+	Α	A+	A+	-	-	-	-
Dereiting Current(Max A	Operating	Current(Max)		Α	9.4	13.4	15.9	18.0	22.3	13.8	27.8	12.8	31.4	12.9
Dimensions H*W*D mm 250×900×732 250×100×732 250×100×732 250×100×732 250×1400×73	Indoor	Input [cooling / Heating]	Rated	kW	0.05	0.07	0.08	0.09	0.14	0.14	0.20	0.20	0.21	0.21
Weight Kg 25(24.5) 26,5(25.5) 29,5(29) 29,5(29) 37(36) 37(36) 38(37) 38(37) 42(41) 42(41)	Unit		•	А										
Air Volume (Lo-Mid-Hi)			H*W*D											
External Static Pressure*** Pa 35-50>-<70>-<100>-<150> 40-50>-<70>-<100>-<150> <40>-50>-<70>-<100>-<150> <40>-50>-<70>-<100>-<150> <40>-50>-<70>-<100>-<150> <40>-50>-<70>-<100>-<150> <40>-50>-<70>-<100>-<150> <40>-50>-<70>-<100>-<150> <40>-50>-<70>-<100>-<150> <40>-50>-<70>-<100>-<150> <40>-<70>-<70>-<70>-<70>-<70>-<70>-<70>-<7														
Sound Level (Lo-Mid-Hi) (SPL)							14.5-18.0-21.0							
Sound Level (PWL)														
Dimensions H*W*D mm 550-800-285 880-840-330 880-840-330 880-840-330 981-1050-330			L)											
Weight	0.44		11*/4/*D											
Air Volume			IH-M-D											
Heating M³/min 34.8 44.6 49.2 48.2 79 79 92 92 92 92 92 9	Unit		ICU											
Sound Level (SPL)		Air volume												
Heating dB(A) 50 52 55 55 54 54 56 56 57 57		0 11 1/081)												
Sound Level (PWL) Cooling dB(A) 62 65 65 69 70 70 72 72 75 75		Sound Level (SPL)												
Operating Current(Max)		Council I arrel (DM/II)												
Breaker Size			Cooling											
Ext.Piping Diameter*® Liquid/Gas mm 6.35/9.52 6.35/12.7 6.35/15.88 9.52/1														
Max.Length	E + D: :		Turning Turning											
Max.Height Out-In m 12 30	Ext.Piping			_										
Guaranteed Operating Range (Outdoor) Cooling (*3) Ocoling (*3)														
	Guarantee	ed Uperating Range (Outdoor)												
			Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself and always ask a professional. The GWP of R32 is 675 in the IPCC 4th Assessment Report.
*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
*3 Optional air protection guide is required where ambient temperature is lower than –5°C. *4 EER/COP and SEER/SCOP for M35-71 are measured at ESP 35Pa, for M100 at ESP 37Pa, for M125/140 at ESP 50Pa.
*5 SEER and SCOP are based on 2009/12/EfC:Energy-related Products Directive and Regulation(EU) No208/2012.
*6 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

*7 The factory setting of ESP is shown without < >.

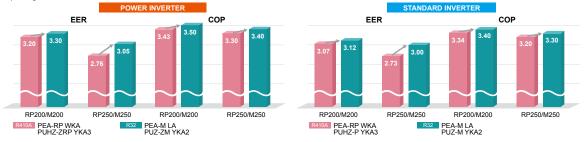


PEA

The PEA Series is a large capacity ceiling-concealed type indoor units which are visually discreet blending into various environments. The new R32 refrigerant lineup realizes improved energy efficiency with a patented fan called a Turbo In Sirocco fan. A wider option of external static pressure up to 200Pa allows authentic ducted air-conditioning with an elegant interior layout.

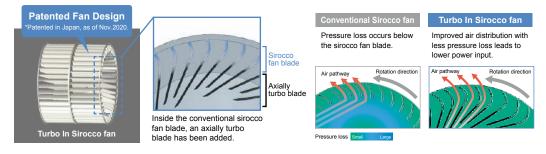
Improved Energy Efficiency

Introduction of new R32 refrigerant with newly designed fan reduces energy consumption and have resulted in higher energy savings for all capacity ranges.



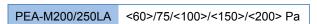
Low input with New Fan Design

The new PEA series applies a newly designed fan; a Turbo In Sirocco fan which realizes high efficiency with a lower power input. The new design is Mitsubishi Electric's patented technology with a combination of turbo fan inside the sirocco fan.



Wide range of external static pressure allows flexible duct design

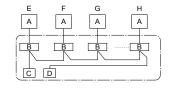
200Pa setting is newly added enabling total of five static pressure level. The ability to select additional static pressure enables long duct and more freedom in design.



The factory setting of external static pressure is shown without brackets (< >). Refer to "Fan characteristics curves" according to the external static pressure, in the DATA BOOK for the usable range of airflow rate

PAR-41MAA Group Control

The PAR-41MAA remote controller can control up to 16 systems as a group, and is ideal for supporting the integrated management of building air conditioners.



- Indoor unit Main remote controller
- Subordinate remote controller Standard (Refrigerant address = 00) Refrigerant address = 01
- Refrigerant address = 02 Refrigerant address = 15











































1	Failure
П	Recal

	Optional
ì	
ı	Failure

0;	otional
Fa	lure

Туре				Inverte	r Heat Pump					
ndoor Unit				PEA-M200LA	PEA-M250LA					
utdoor Unit				PUZ-ZM200YKA2	PUZ-ZM250YKA2					
efrigerant(*1)					R32					
	ource			Separate	e power supply					
upply Ou	utdoor(V/Phase/Hz)			400)/Three/50					
ooling	Capacity			19.0	22.0					
11		Min-Max	kW	9.2 - 22.4	9.9 - 27.0					
	Total Input Rated			5.757	7.213					
1	EER	Rated kW	3.30	3.05						
eating (Capacity	Min-Max kW Rated kW	22.4	27.0						
				7.1 - 25	7.3 - 31					
	Total Input	Rated	kW	6.400	7.941					
	COP			3.50	3.40					
perating Cu				25.7	25.9					
		Rated		0.35/0.35	0.53/0.53					
	perating Current(Max)		A	3.1	3.4					
		H*W*D		470 -	1370 - 1120					
	eight				87					
	r Volume (Lo-Mi2-Mi1-Hi)			42-51-60(60Pa-150Pa) 42-51-55(200Pa)	50-61-72(60Pa-100Pa) 45-55-65(150Pa) 45-50-55(200Pa					
	ternal Static Pressure			(60)/75/(100)/(150)/(200)						
		(SPL)		35-40-43 63-64-64	38-43-47					
	ound Level (PWL)	LIEVA / ED			67-67-68					
	mensions eight	H^WV^D		1338-1050-330(+40)	1338-1050-330(+40)					
	eignt r Volume	Castina		137 140	138					
Air	voluine	Rated kW Min-Max kW Rated kW Rated kW Min-Max kW Rated kW Min-Max kW Rated kW Min-Max kW Rated kW Rated kW Min-Max kW Rated kW Min-Max kW Rated kW Min-Max kg Min-Mix-Max Min-Max Min-Max	140	140						
0-	ound Level (SPL)			59	140					
50	ouna Level (SPL)			62	62					
<u>-</u>	ound Level (PWL)				77					
	perating Current(Max)	Cooling			22.5					
	eaker Size			22.5 32	32					
ct.Piping Dia		Liquid/Coo		9.52 / 25.4	12.7 / 25.4					
	ameter = ax.Length			9.52 / 25.4	12.7 / 25.4					
	ax.Lengtn ax.Height			30	30					
				-15~+46	-15~+46					
iuaranteed (operating hange (Outdoor)			-15~+46 -20~+21	-15~+46 -20~+21					

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
*2 Optional air protection guide is required where ambient temperature is lower than -5°C.

*3 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units











































Туре					er Heat Pump							
ndoor Unit				PEA-M200LA	PEA-M250LA							
Outdoor Unit				PUZ-M200YKA2	PUZ-M250YKA2							
efrigerant(*1)				R32								
ower Sou	urce			Separate power supply								
upply Ou	tdoor(V/Phase/Hz)			400/Three/50								
ooling C	Capacity	Rated	kW	19.0	22.0							
- 11		Min-Max	kW	9.2 - 22.4	9.9 - 27.0							
	Total Input	Rated	kW	6.089	7.333							
E	ER			3.12	3.00							
eating C	Capacity	Rated	kW	22.4	27.0							
-		Min-Max	kW	6.8 - 25	7.3 - 31							
T	Total Input	Rated	kW	6.588	8.181							
	COP	•		3.40	3.30							
perating Cui	rrent(Max)		A	25.7	25.9							
door Inp	out [cooling / Heating]	Rated	kW	0.35/0.35	0.53/0.53							
nit Op	erating Current(Max)	•	A	3.1	3.4							
Din	nensions	H*W*D	mm	470	- 1370 - 1120							
	eight		kg		87							
	Volume (Lo-Mi2-Mi1-Hi)		m³/min	42-51-60(60Pa-150Pa) 42-51-55(200Pa)	50-61-72(60Pa-100Pa) 45-55-65(150Pa) 45-50-55(200Pa							
	ternal Static Pressure			(60)/75/(100)/(150)/(200)								
	und Level (Lo-Mi2-Mi1-Hi)	(SPL)		35-40-43	38-43-47							
	und Level (PWL)			63-64-64	67-67-68							
		Pa (SPL) dB(A) dB(A) dB(A) H*W*D mm		1338-1050-330(+40)	1338-1050-330(+40)							
	eight		kg	129	138							
Air		Cooling	m³/min	140	140							
_		Heating	m³/min	140	140							
Sou	und Level (SPL)	Cooling	dB(A)	58	59							
		Heating	dB(A)	60	62							
		Cooling	dB(A)	78	77							
	erating Current(Max)		A	22.5	22.5							
	eaker Size		A	32	32							
xt.Piping Dia		Liquid/Gas	mm	9.52 / 25.4	12.7 / 25.4							
		Out-In	m	70	70							
		Out-In	m	30	30							
uaranteed O		Cooling(*2)	°C	-15~+46	-15~+46							
		Heating	°C	-20~+21	-20~+21							

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

*3 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

PEA-M SERIES

















































Туре				Inverter I	Heat Pump						
ndoor Ur	nit	·		<u></u>							
Outdoor I	Jnit			PEA-M200LA	PEA-M250LA						
efrigera	nt(*1)			PUHZ-ZRP200YKA3 R410A(*1) PUHZ-ZRP250YKA3 Separate power supply							
ower	Source										
upply	Outdoor (V/Phase	e/Hz)		400 / Three / 50							
ooling	Capacity	Rated	kW	19.0	22.0						
		Min - Max	kW	9.0 - 22.4	11.2 - 27.0						
	Total Input	Rated	kW	5.937	7.971						
	EER	·		3.20	2.76						
eating	Capacity	Rated	kW	-	-						
verage		Min - Max	kW	22.4	27.0						
eason)	Total Input	Rated	kW	9.5 -25	12.5 - 31						
	СОР	•		6.530	8.181						
peratin	g Current (max)			3.43	3.30						
idoor	Input [Cooling / He	eating] Rated	kW	22.2	24.4						
nit	Operating Curren	it (max)	A	0.35 / 0.35	0.53 / 0.53						
V	Dimensions	HxWxD	mm	3.1 470-13	70-1120 3.4						
	Weight		kg	8	37						
	Air Volume [Lo-Mid-Hi] m³/min			42-51-60(60Pa-150Pa) 42-51-55(200Pa)	50-61-72(60Pa-100Pa) 45-55-65(150Pa) 45- 50- 55(200F						
	External Static Pr	essure	Pa	(60)/75/(100	0)/(150)/(200)						
	Sound Level (SPL) [Lo-Mid-Hi]	dB(A)	35-40-43	38-43-47						
	Sound Level (PWI	L)	dB(A)	63-64-64	67-67-68						
	Dimensions	H x W x D	mm	1338-1050-330(+40)	1338-1050-330(+40)						
nit	Weight	<u> </u>	kg	135	135						
	Air Volume	Cooling	m³/min	140	140						
Outdoor Jnit		Heating	m³/min	140	140						
	Sound Level (SPL) Cooling	dB(A)	59	59						
		Heating	dB(A)	62	62						
	Sound Level (PWL) Cooling	dB(A)	77	77						
	Operating Curren	t (max)	A	19	21						
	Breaker Size		A	32	32						
xt.	Diameter (*3)	Liquid / Gas	mm	9.52/25.4	12.7/25.4						
iping	Max. Length Out-In m			100	100						
	Max. Height	Out-In	m	30	30						
	ed Operating Range	Cooling(*2)	°C	-15 ~ +46	-15 ~ +46						
Outdoor)		Heating	°C	-20 ~ +21	-20 ~ +21						

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
*2 Optional air protection guide is required where ambient temperature is lower than 5°C.
*3 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

















































Group Control

PEA-M SERIES	
STANDARD INVERTER	

1-NET onnection Optional	Wi-Fi)) Interface Optional	Cleaning-Tree,	Pump Down	Flare connection	Self Diagnosis	Fail Red

		Орил	iai Opidnai							
Туре				Inverte	er Heat Pump					
Indoor Ur	nit			PEA-M200LA	PEA-M250LA					
Outdoor I	Jnit			PUHZ-P200YKA3	PUHZ-P250YKA3					
tefrigera	nt(*1)			R	410A(*1)					
ower	Source				e power supply					
upply	Outdoor (V/Phase	e/Hz)		400 /	/ Three / 50					
ooling	Capacity	Rated	kW	19.0	22.0					
		Min - Max	kW	9.0-22.4	11.2-27.0					
	Total Input	Rated	kW	6.188	8.058					
	EER			3.07	2.73					
eating	Capacity	Rated	kW	22.4	27.0					
verage		Min - Max	kW	9.5-25	12.5-31					
ason)	Total Input	Rated	kW	6.706	8.437					
	СОР	•		3.34	3.20					
peratin	g Current (max)			22.2	24.4					
door	Input [Cooling / He	ating] Rated	kW	0.35/0.35	0.53/0.53					
nit	Operating Current	t (max)	A	3.1	3.4					
v	Dimensions	H x W x D	mm	470-	1370-1120					
	Weight		kg		87					
	Air Volume [Lo-Mi	d-Hi]	m³/min	42-51-60(60Pa-150Pa) 42-51-55 (200Pa)	50-61-72(60Pa-100Pa) 45-55-65(150Pa) 45-50-55(200Pa)					
	External Static Pro	essure	Pa	(60)/75/(100)/(150)/(200)						
	Sound Level (SPL)	[Lo-Mid-Hi]	dB(A)	35-40-43	38-43-47					
	Sound Level (PWL)	dB(A)	63-64-64	67-67-68					
	Dimensions	HxWxD	mm	1338-1	050-330(+40)					
nit	Weight		kg	127	135					
	Air Volume	Cooling	m³/min	140	140					
		Heating	m³/min	140	140					
	Sound Level (SPL)	Cooling	dB(A)	58	59					
		Heating	dB(A)	60	62					
	Sound Level (PWL)	Cooling	dB(A)	78	77					
	Operating Current	t (max)	A	19	21					
	Breaker Size		A	32	32					
ct.	Diameter (*3)	Liquid / Gas	mm	9.52/25.4	12.7/25.4					
ping	Max. Length	Max. Length Out-In		70	70					
	Max. Height	Out-In	m	30	30					
uarante	ed Operating Range	Cooling(*2)	°C	-15~+46	-15~+46					
Outdoor)		Heating	°C	-2021	-20121					

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
*2 Optional air protection guide is required where ambient temperature is lower than 5°C.
*3 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.



PKA SERIES

The compact, wall-mounted indoor units offer the convenience of simple installation, and a large product line-up (M35-M100 models) ensures a best-match solution. Designed for highly efficient energy savings, the PKA Series is the answer to your air conditioning needs.

New Design (M35-50)

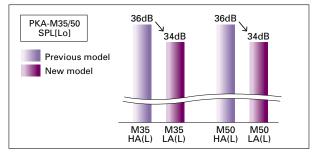
A sharp and simple form that combines beauty and function. The simple square design harmonizes beautifully with the straight lines created by the intersection of the walls, floor and ceiling of the space, leading to a better quality of space. Also adopted a new white body color. It will make your life and space beautiful and comfortable without disturbing the atmosphere of the room. In addition, we realized miniaturization of conventional model. It contributes to space saving of installation area and giving room to room space.



Quietness (M35-50)

The noise level has been significantly reduced compared to the conventional model by reviewing the unit structure and improving the line flow fan.





New Wireless Remote Controller Included

The PKA-KAL2 series wireless remote controller has been updated. It now comes with a new stylish remote controller that fits comfortably in your hand and has a wide range of useful functions.



Main Functions of new Wireless Remote Controller

- ·Weekly Timer
- •Backlight
- Dual set point
- Battery replacement sign etc...

ErP Lot 10 Compliant with High Energy-efficiency Achieving SEER/SCOP Rank A, A+ and A++

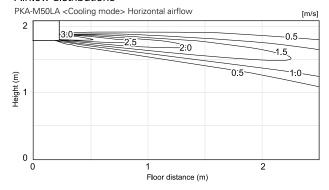
Highly efficient indoor unit heat exchangers and and newly designed power inverters (PUHZ-ZM) contribute to an amazing reduction in electricity consumption throughout a year, and have resulted in models in the full-capacity range attaining the rank A, A+ and A++ energy savings rating.



Airflow Control - Horizontal Airflow - (M35-50)

Significantly improved airflow control to achieve horizontal airflow. This reduces the feeling of draft even on a wall-mounted model, and air conditioning the indoor space firmly.

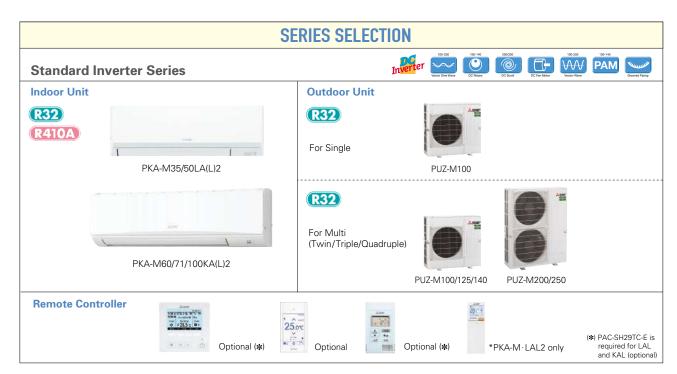
Airflow distributions





PKA-M LA(L)2/KA(L)2 Indoor Unit Combinations Indoor unit combinations shown below are possible.

Indoor Unit Combination		Outdoor Unit Capacity																			
		For Single									For Twin						For Triple			For Quadruple	
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power Inverter (PUZ-ZM)		35x1	50x1	60x1	71x1	100x1	-	-	-	-	35x2	50x2	60x2	71x2	100x2	-	50x3	60x3	71x3	50x4	60x4
Distribution Pipe		-	-	-	-	_	-	_	_	-	N	ISDD-	50TR2-	-E	MSDD- 50WR2-E	-	MSE	OT-111	R3-E		DF- R2-E



PKA-M LA(L)2/KA(L)2 Indoor Unit Combinations Indoor unit combinations shown below are possible.

Indoor Unit Combination		Outdoor Unit Capacity																			
		For Single									For Twin						For Triple			For Quadruple	
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Standard Inverter (PUZ-M)		-	-	-	-	100x1	-	-	-	-	-	50x2	60x2	71x2	100x2	-	50x3	60x3	71x3	50x4	60x4
Distribution Pipe		-	-	-	-	-	-		-	-	-	MSD	D-50T	R2-E	MSDD- 50WR2-E	-	MSE	DT-111	R3-E	MS 1111	DF- R2-E













































Optional			Optional					
Wi-Fi 1)) Interface	COMPO	Cleaning free,	Wiring Reuse Optional	Drain Lift Up	Pump Down	Flare connection	Self Diagnosis	Failure Recall

Туре						Inverter F	leat Pump		
Indoor Uni				PKA-M35LA(L)2	PKA-M50LA(L)2	PKA-M60KA(L)2	PKA-M71KA(L)2	PKA-M100KA(L)2	PKA-M100KA(L)2
Outdoor U	nit			PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2	PUZ-ZM100VKA2	PUZ-ZM100YKA2
Refrigeran							32		
Power	Source						ower supply		
Supply	Outdoor(V/Phase/Hz)						/50, YKA:400/Three/50		
Cooling	Capacity	Rated	kW	3.6	4.6	6.1	7.1	9.5	9.5
· ·	' '	Min-Max	kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4
	Total Input	Rated	kW	0.857	1.239	1.560	1.863	2.435	2.435
	EER	•		4.20	3.71	3.91	3.81	3.90	3.90
	Design load		kW	3.6	4.6	6.1	7.1	9.5	9.5
	Annual electricity consump	otion (*2)	kWh/a	194	244	314	365	508	519
	SEER(*4)			6.5	6.6	6.8	6.8	6.5	6.4
		Energy efficiency class		A++	A++	A++	A++	A++	A++
Heating	Capacity	Rated	kW	4.1	5.0	7.0	8.0	11.2	11.2
		Min-Max	kW	1.6 - 5.2	2.5 - 7.0	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0
	Total Input	Rated	kW	1.040	1.344	1.732	2.116	3.102	3.102
	COP			3.94	3.72	4.04	3.78	3.61	3.61
	Design load		kW	2.4	3.3	4.4	4.7	7.8	7.8
	Declared Capacity	at reference design temperature	kW	2.4 (-10°C)	3.3 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)
		at bivalent temperature	kW	2.4 (-10°C)	3.3 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)
		at operation limit temperature	kW	2.2 (-11°C)	3.2 (-11°C)	2.8 (-20°C)	3.4 (-20°C)	5.8 (-20°C)	5.8 (-20°C)
	Back up heating capacity		kW	0.0	0.0	0.0	0.0	0.0	0.0
	Annual electricity consump	otion (*2)	kWh/a	829	1074	1464	1530	2477	2478
	SCOP(*4)			4.0	4.3	4.2	4.3	4.4	4.4
		Energy efficiency class		A+	A+	A+	A+	A+	A+
Operating	Current(Max)		А	13.4	13.4	19.4	19.4	20.6	8.6
Indoor	Input [cooling / Heating]	Rated	kW	0.04 / 0.03	0.04 / 0.03	0.06 / 0.05	0.06 / 0.05	0.08 / 0.07	0.08 / 0.07
Unit	Operating Current(Max)		А	0.35	0.35	0.43	0.43	0.57	0.57
	Dimensions	H*W*D	mm	299-898-237	299-898-237	365-1170-295	365-1170-295	365-1170-295	365-1170-295
	Weight		kg	12.6	12.6	21	21	21	21
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	7.5-8.2-9.2-10.9	7.5-8.2-9.2-10.9	18-20-22	18-20-22	20-23-26	20-23-26
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	dB(A)	34-37-40-43	34-37-40-43	39-42-45	39-42-45	41-45-49	41-45-49
	Sound Level (PWL)	Lucia Comp.	dB(A)	60	60	64	64	65	65
Outdoor	Dimensions	H*W*D	mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)	1338-1050-330(+40)	1338-1050-330(+40)
Unit	Weight Air Volume	Io ii	kg .	46	46	67	67	105	111
	Air Volume	Cooling	m³/min	45	45	55	55	110	110
	O II I (OPI)	Heating	m³/min	45	45	55	55	110	110
	Sound Level (SPL)	Cooling	dB(A)	44	44	47	47	49	49
		Heating		46	46	49	49	51	51
	Sound Level (PWL)	Cooling	dB(A)	65	65	67	67	69	69
	Operating Current(Max)		A	13	13	19	19	20	8
Ford Direct	Breaker Size	I ::-1/C	Α	16	16	25	25	32	16
Ext.Piping	Diameter(*5)	Liquid/Gas	mm	6.35 / 12.7	6.35 / 12.7	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max.Length	Out-In	m	50	50	55	55	100	100
•	Max.Height	Out-In	m	30	30	30	30	30	30
Guarante	ed Operating Range (Outdoor)	Cooling(*3)	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating	°C	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R32 is 675 in the IPCC 4th Assessment Report.
*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
*3 Optional air protection guide is required where ambient temperature is lower than -5°C. *4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.
*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

















































уре					leat Pump
door Un	it			PKA-M10	00KA(L)2
ıtdoor l	Jnit			PUZ-M100VKA2	PUZ-M100YKA2
efrigerar	nt(*1)			R	32
wer	Source			Outdoor po	wer supply
upply	Outdoor(V/Phase/Hz)			VKA • VHA: 230/Single/	50, YKA:400/Three/50
ooling	Capacity	Rated	kW	9.5	9.5
_		Min-Max	kW	4.0 - 10.6	4.0 - 10.6
	Total Input	Rated	kW	2.941	2.941
	EER		-	3.23	3.23
	Design load		kW	9.5	9.5
	Annual electricity consump		kWh/a	573	573
	SEER(*4)			5.8	5.8
		Energy efficiency class		A+	A+
eating	Capacity		kW	11.2	11.2
,	,		kW	2.8 - 12.5	2.8 - 12.5
	Total Input		kW	3.284	3.284
	COP			3.41	3.41
	Design load		kW	8.0	8.0
	Declared Capacity	at reference design temperature	kW	6.0 (-10°C)	6.0 (-10°C)
		at bivalent temperature	kW	7.0 (-7°C)	7.0 (-7°C)
			kW	4.5 (-15°C)	4.5 (-15°C)
	Back up heating capacity	at operation milit temperature	kW	2.0	2.0
	Annual electricity consump	tion (*2)	kWh/a	2780	2780
	SCOP(*4)			4.0	4.0
		Energy efficiency class		A+	A+
eratin	g Current(Max)		Α	20.6	12.1
door	Input [cooling / Heating]		kW	0.08 / 0.07	0.08 / 0.07
iit	Operating Current(Max)		A	0.57	0.57
	Dimensions	H*W*D	mm	365-1170-295	365-1170-295
	Weight	•	kg	21	21
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	20-23-26	20-23-26
	Sound Level (Lo-Mi2-Mi1-Hi)		dB(A)	41-45-49	41-45-49
	Sound Level (PWL)		dB(A)	65	65
utdoor	Dimensions	H*W*D	mm	981-1050-330 (+40)	981-1050-330(+40)
nit	Weight		kg	76	78
	Air Volume		m³/min	79	79
		Heating	m³/min	79	79
	Sound Level (SPL)		dB(A)	51	51
		Heating	dB(A)	54	54
	Sound Level (PWL)	Cooling	dB(A)	70	70
	Operating Current(Max)		А	20.0	11.5
	Breaker Size		А	32	16
xt.Pipin	g Diameter(*5)	Liquid/Gas	mm	9.52 / 15.88	9.52 / 15.88
	Max.Length	Out-In	m	55	55
	Max.Height	Out-In	m	30	30
uarante	ed Operating Range (Outdoor)	Cooling(*3)	°C	-15 ~ +46	-15 ~ +46
	= = = :	Heating	°C	-15 ~ +21	-15 ~ +21

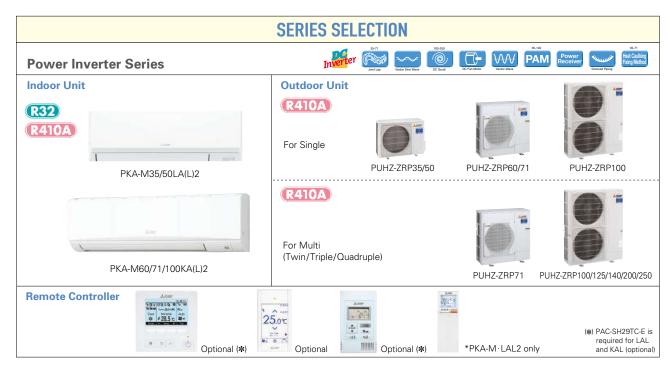
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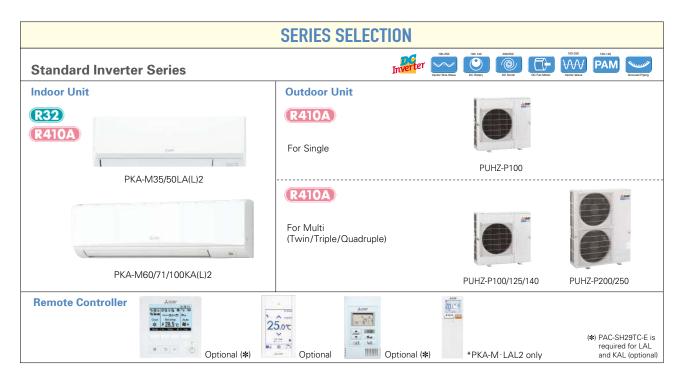
*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.



PKA-M LA(L)/KA(L) Indoor Unit Combinations Indoor unit combinations shown below are possible.

										Outd	oor Ur	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	le						For	Γwin			F	or Trip	le	For Qu	adruple
			50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power	Inverter (PUHZ-ZRP)	35x1	50x1	60x1	71x1	100x1	-	-	-	-	35x2	50x2	60x2	71x2	100x2	-	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	N	/ISDD-	50TR-	E	MSDD- 50WR-E	-	MS	DT-11	IR-E	MS 111	DF- 1R-E



PKA-M LA/KA Indoor Unit Combinations Indoor unit combinations shown below are possible.

										Outd	oor U	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	jle						For	Twin			Fo	or Trip	le	For Qu	adruple
			50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Standa	rd Inverter (PUHZ-P)	-	-	-	-	100x1	-	-	-	-	-	50x2	60x2	71x2	100x2	-	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	MSI	DD-50	TR-E	MSDD- 50WR-E	-	MS	DT-111	IR-E	MSDF-1	1111R-E

PKA-M SERIES











































Туре						Inverter I	leat Pump		
ndoor Un	it			PKA-M35LA(L)2	PKA-M50LA(L)2	PKA-M60KA(L)2	PKA-M71KA(L)2	PKA-M100KA(L)2	PKA-M100KA(L)2
Outdoor L	Jnit			PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA:
Refrigerar	nt ^(*1)					R4	10A	•	•
ower	Source					Outdoor po	ower supply		
upply	Outdoor(V/Phase/Hz)						/50, YKA:400/Three/50		
ooling	Capacity	Rated	kW	3.6	4.6	6.1	7.1	9.5	9.5
•	11	Min-Max	kW	1.6 - 4.5	2.3 - 5.4	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4
	Total Input	Rated	kW	0.940	1,424	1.601	1.802	2.398	2.398
	EER	•		3.80	3.23	3.81	3.94	3.96	3.96
	Design load		kW	3.6	4.6	6.1	7.1	9.5	9.5
	Annual electricity consump	otion(*2)	kWh/a	206	263	324	367	522	532
	SEER(*4)			6.1	6.1	6.5	6.7	6.3	6.2
		Energy efficiency class		A++	A++	A++	A++	A++	A++
leating	Capacity	Rated	kW	4.1	5.0	7.0	8.0	11.2	11.2
	,		kW	1.6 - 5.2	2.5 - 7.3	2.8 - 8.2	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0
	Total Input	Rated	kW	1.070	1.501	1.960	2.191	3.043	3.043
	COP			3.83	3.33	3.57	3.65	3.68	3.68
	Design load		kW	2.4	3.3	4.4	4.7	7.8	7.8
	Declared Capacity	at reference design temperature	kW	2.4 (-10°C)	3.3 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)
		at bivalent temperature	kW	2.4 (-10°C)	3.3 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)
		at operation limit temperature	kW	2.2 (-11°C)	3.2 (-11°C)	2.8 (-20°C)	3.5 (-20°C)	5.8 (-20°C)	5.8 (-20°C)
	Back up heating capacity		kW	0.0	0.0	0.0	0.0	0.0	0.0
	Annual electricity consump	otion (*2)	kWh/a	841	1126	1466	1529	2659	2660
	SCOP(*4)			3.9	4.1	4.2	4.3	4.1	4.1
		Energy efficiency class		A	A+	A+	A+	A+	A+
perating	Current(Max)	,	Α	13.4	13.4	19.4	19.4	27.1	8.6
ndoor	Input [cooling / Heating]	Rated	kW	0.04 / 0.03	0.04 / 0.03	0.06 / 0.05	0.06 / 0.05	0.08 / 0.07	0.08 / 0.07
Init	Operating Current(Max)	•	Α	0.35	0.35	0.43	0.43	0.57	0.57
	Dimensions	H*W*D	mm	299-898-237	299-898-237	365-1170-295	365-1170-295	365-1170-295	365-1170-295
	Weight		kg	12.6	12.6	21	21	21	21
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	7.5-8.2-9.2-10.9	7.5-8.2-9.2-10.9	18-20-22	18-20-22	20-23-26	20-23-26
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	dB(A)	34-37-40-43	34-37-40-43	39-42-45	39-42-45	41-45-49	41-45-49
	Sound Level (PWL)		dB(A)	60	60	64	64	65	65
utdoor	Dimensions	H*W*D	mm	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)	1338-1050-330(+40)	1338-1050-330(+4
Init	Weight		kg	43	46	70	70	116	123
	Air Volume	Cooling	m³/min	45	45	55	55	110	110
		Heating	m³/min	45	45	55	55	110	110
	Sound Level (SPL)		dB(A)	44	44	47	47	49	49
		Heating	dB(A)	46	46	48	48	51	51
	Sound Level (PWL)	Cooling	dB(A)	65	65	67	67	69	69
	Operating Current(Max)		Α	13	13	19	19	26.5	8
	Breaker Size		A	16	16	25	25	32	16
xt.Piping	g Diameter ^(*5)	Liquid/Gas	mm	6.35 / 12.7	6.35 / 12.7	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	75	75
	Max.Height	Out-In	m	30	30	30	30	30	30
uarante	ed Operating Range (Outdoor)	Cooling(*3)	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating	°C	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21

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*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.









































































Туре				Inverter Heat Pump	
ndoor Unit				PKA-M100KA(L)2	
utdoor Unit				PUHZ-P100VKA PUHZ-P100VKA	
efrigerant(*1)				R410A	
ower Sou	irce			Outdoor power supply	
upply Out	door(V/Phase/Hz)			VKA · VHA:230/Single/50, YKA:400/Three/50	
ooling Ca	apacity	Rated	kW	9.4	
			kW	3.7 - 10.6	
To	otal Input	Rated	kW	3.122 3.122	_
	ER			3.01 3.01	
D	esign load		kW	9.4	
	nnual electricity consump		kWh/a	586 586	
	EER(*4)			5.6 5.6	
0.		Energy efficiency class		A+ A+	
eating Ca	apacity		kW	11.2	
			kW	2.8 - 12.5	_
Tr	otal Input		kW	3.489 3.489	
	OP	Indica	IV V V	3.469 3.21 3.21	
	esign load		kW	8.0 8.0	
			kW	6.0 (-10°C) 6.0 (-10°C)	
			kW	7.0 (-7°C) 7.0 (-7°C)	
			kW		
	ack up heating capacity		kW	4.5 (-15°C) 4.5 (-15°C) 2.0 2.0	
	nnual electricity consump		kWh/a	2.0 2.09 2.799	
	OP(*4)	tion ·	KVVII/a		
50		F		4.0 4.0	
		Energy efficiency class		A+ A+	
perating Curi			A	20.6 12.1	
			kW	0.08/0.07 0.08/0.07	
	erating Current(Max)		A	0.57 0.57 365-1170-295 365-1170-295	
Wei			mm		
	ıgnt Volume (Lo-Mi2-Mi1-Hi)		kg	21 21	
	volume (Lo-Mi2-Mi1-Hi)		m³/min dB(A)	20-23-26 20-23-26 41-45-49 41-45-49	
	and Level (Lo-Miz-Mi1-Hi)		dB(A)	41-45-49 65 65	
			mm	981-1050-330 981-1050-330	
nit Wei				76 78	
	Volume	Cooling	kg m³/min	79 79	
Air	volulile		m³/min	79 79 79	
C	and Level (SPL)		dB(A)		
Sou	ina resei (SLF)				
-	d II (D\A/I)		dB(A)	54 54	
	and Level (PWL)	,	dB(A)	70 70	
	erating Current(Max)		A	20 11.5	
	aker Size		A	32 16	
ct.Piping Dia			mm	9.52 / 15.88 9.52 / 15.88	
	x.Length		m	50 50	
	x.Height		m	30 30	
iuaranteed O _l	perating Range (Outdoor)	Cooling(*3)	°C	-15 ~ +46 -15 ~ +46	
		Heating	°C	-15 ~ +21	

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*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

*4 SEER and SCOP are based on 2009/125/EC.Energy-related Products Directive and Regulation(EU) No206/2012.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.



PCA-M35/50/60/71/100/125/140KA2
oth high- and low-ceiling aceptional energy-saving conditioning needs.

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

Stylish Indoor Unit Design

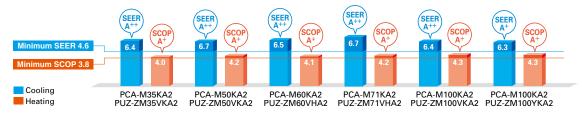
A stylish square-like design is adopted for the indoor units of all models. As a result, the units blend in better with the ceiling.



PCA-KA

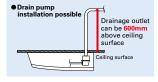
ErP Lot 10 Compliant with High Energy-efficiency Achieving SEER/SCOP Rank A, A+ and A++

A direct-current (DC) fan motor is isntalled in the indoor unit, increasing the seasonal energy efficiency of newly designed Power Inverter series (PUHZ-ZM) and resulting in the full capacity models comply ErP Lot 10 with energy ranking A+/A++ for cooling and A/A+ for heating. This contribute to an impressive reduction in the cost of annual electricity.



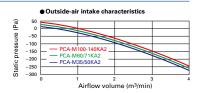
Optional Drain Pump for Full-capacity Models

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

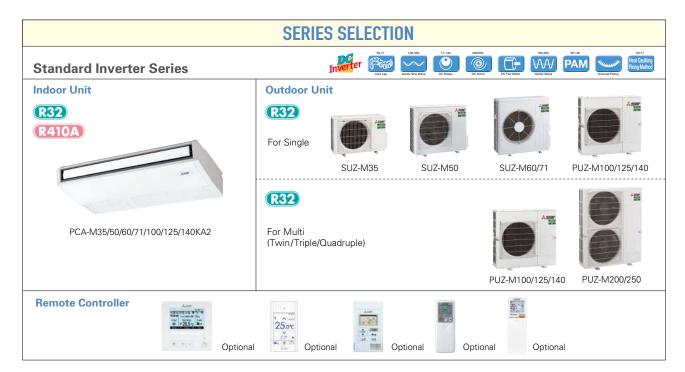
Units are equipped with high- and low-ceiling operation modes that make it possible to switch the airflow volume to match room height. The ability to choose the optimum airflow volume makes it possible to optimize the breezy sensation felt throughout the room.

Capacity	High ceiling	Standard ceiling	Low ceiling
35	3.5m	2.7m	2.5m
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



PCA-M Indoor Unit Combinations Indoor unit combinations shown below are possible.

										Outd	oor Ur	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	gle						For	Twin			Fo	or Trip	le	For Qu	adruple
				60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power	Inverter (PUZ-ZM)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	_	-	_	-	_	-	N	1SDD-	50TR2	-E	MS 50W	DD- R2-E	MSE)T-111	R3-E		DF- R2-E



PCA-M Indoor Unit Combinations Indoor unit combinations shown below are possible.

										Outd	oor U	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	gle						For 7	Twin			Fo	or Trip	le	For Qu	adruple
			50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Standa	ard Inverter (PUZ-M&SUZ)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	-	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	_	-	-	-	_	MSD	D-50T	R2-E	MSI 50W	DD- R2-E	MSE	DT-111	R3-E	MSI 1111	DF- R2-E



























DCA MVA	Demand Control Optional	Pure White 🕏	AUTO VANE	Fresh-air Intake	High-efficiency Optional	Long Life	Check!	SWING	High Ceiling _	Low Ceiling	\$ AUTO		Q ⇔ Q aco	Auto Restart	Low Temp Cooling	Sile
PCA-M KA SERIES	Ampere	Rotation		Group	MANUT	Wi Ein		MVZ		Wiring	Droin	Dump	Elaro		Failuro	
POWER INVERTER	Limit	Back-up		Group Control	M-NET connection	Wi-Fi ı)) Interface	СОМРО	MXZ	Cleaning-free	Reuse	Drain Lift Up	Down	connection	Self Diagnosis	Recall	

		Opinia C	,	9	орила Орила								
Туре									leat Pump				
Indoor Uni					PCA-M50KA2			PCA-M100KA2					
Outdoor U				PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2	PUZ-ZM100VKA2		PUZ-ZM125VKA2	PUZ-ZM125YKA2	PUZ-ZM140VKA2	PUZ-ZM140YKA2
Refrigeran	nt ^(*1)								32				
Power	Source							Outdoor po	wer supply				
Supply	Outdoor(V/Phase/Hz)						VKA•\	/HA:230/Single	50, YKA:400/T	hree/50			
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	12.5	12.5	13.4	13.4
	1 1	Min-Max	kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.0	6.2 - 15.0
	Total Input	Rated	kW	0.829	1.250	1.521	1.829	2.375	2.375	3.846	3.846	3.941	3.941
	EER		•	4.34	4.00	4.01	3.88	4.00	4.00	3.25	3.25	3.40	3.40
	Design load		kW	3.6	5.0	6.1	7.1	9.5	9.5	_	_	_	-
	Annual electricity consun	nption(*2)	kWh/a	197	260	328	371	516	527	_	_	_	-
	SEER(*4)	•		6.4	6.7	6.5	6.7	6.4	6.3	_	_	_	-
		Energy efficiency class		A++	A++	A++	A++	A++	A++	_	_	_	-
Heating	Capacity	Rated	kW	4.1	5.5	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0
	11 ' '	Min-Max	kW	1.6 - 5.2	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	1.019	1.361	1.745	2.156	3.018	3.018	3.954	3.954	4.432	4.432
	COP			4.02	4.04	4.01	3.71	3.71	3.71	3.54	3.54	3.61	3.61
	Design load		kW	2.4	3.8	4.4	4.7	7.8	7.8	_	_	_	_
	Declared Capacity	at reference design temperature	kW	2.4 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	_	-	-	-
		at bivalent temperature	kW	2.4 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	_	_	_	_
			kW	2.2 (-11°C)	3.7 (-11°C)	2.8 (-20°C)	3.4 (-20°C)	5.8 (-20°C)	5.8 (-20°C)	_	_	_	_
	Back up heating capacity		kW	0.0	0.0	0.0	0.0	0.0	0.0	_	_	_	-
	Annual electricity consun		kWh/a	838	1266	1501	1567	2536	2537	_	_	_	_
	SCOP(*4)			4.0	4.2	4.1	4.2	4.3	4.3	_	_	_	_
		Energy efficiency class		A+	A+	A+	A+	A+	A+	_	_	_	_
Operating	Current(Max)		Α	13.3	13.4	19.4	19.4	20.7	8.7	27.3	9.8	30.9	12.7
Indoor	Input [cooling / Heating]		kW	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06	0.06 / 0.06	0.09 / 0.09	0.09 / 0.09	0.11 / 0.11	0.11 / 0.11	0.14 / 0.14	0.14 / 0.14
Unit	Operating Current(Max)		Α	0.29	0.37	0.39	0.42	0.65	0.65	0.76	0.76	0.90	0.90
	Dimensions	H*W*D	mm	230-9	60-680	230-12	80-680			230-16	00-680		
	Weight	•	kg	25	26	32	32	37	37	38	38	40	40
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29	24-26-29-32	24-26-29-32
	Sound Level (Lo-Mi2-Mi1-H	i) (SPL)	dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45	41-43-45-48	41-43-45-48
	Sound Level (PWL)		dB(A)	60	60	60	62	63	63	65	65	68	68
Outdoor	Dimensions	H*W*D	mm	630-809-300			943-950-330(+25		1338-1050-330(+40)			1338-1050-330(+40)	
Unit	Weight		kg	46	46	67	67	105	111	105	114	105	118
	Air Volume	Cooling	m³/min	45	45	55	55	110	110	120	120	120	120
		Heating	m³/min	45	45	55	55	110	110	120	120	120	120
	Sound Level (SPL)	Cooling	dB(A)	44	44	47	47	49	49	50	50	50	50
		Heating	dB(A)	46	46	49	49	51	51	52	52	52	52
	Sound Level (PWL)	Cooling	dB(A)	65	65	67	67	69	69	70	70	70	70
	Operating Current(Max)		А	13	13	19	19	20	8	26.5	9	30	11.8
	Breaker Size		А	16	16	25	25	32	16	32	16	40	16
Ext.Piping	Diameter ^(*5)	Liquid/Gas	mm	6.35 / 12.7	6.35 / 12.7	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	55	55	100	100	100	100	100	100
	Max.Height	Out-In	m	30	30	30	30	30	30	30	30	30	30
Guarante	ed Operating Range (Outdoor	r) Cooling ^(*3)	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating	°C	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21
*1 Defeire	and the land of the same of th	mata ahanga Pafrigarant with law			+:-I (C\A/D)	and a second contract	1			ILL OWE			T1 1

[|] Inesuing | Tealing | Tea





























































































Failure	
Recall	

		Optional O	ptional	Op	otional Optiona			Opti	onal Optional				
Туре									leat Pump				
Indoor Un	it			PCA-M35KA2						PCA-M125KA2			
Outdoor U				SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA	PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2	PUZ-M140VKA2	PUZ-M140YKA2
Refrigeran	t ^(*1)								32				
Power	Source								ower supply				
Supply	Outdoor(V/Phase/Hz)						VA•V	KA:230/Single/					
Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	12.1	12.1	13.4	13.4
		Min-Max	kW	0.8 - 3.9	1.5 - 5.6	1.6 - 6.3	2.2 - 8.1	4.0 - 10.6	4.0 - 10.6	5.7 - 13.0	5.7 - 13.0	5.7 - 14.1	5.7 - 14.1
	Total Input	Rated	kW	0.900	1.515	1.648	1.972	2.941	2.941	4.019	4.019	5.360	5.360
	EER			4.00	3.30	3.70	3.60	3.23	3.23	3.01	3.01	2.50	2.50
	Design load		kW	3.6	5.0	6.1	7.1	9.5	9.5	_	_	_	_
	Annual electricity consump	otion (*2)	kWh/a	198	291	333	381	553	553	-	_	_	_
	SEER (*4)			6.3	6.0	6.4	6.5	6.0	6.0	-	-	-	_
		Energy efficiency class		A++	A+	A++	A++	A+	A+	-	_	_	
Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0	11.2	11.2	13.5	13.5	15.0	15.0
		Min-Max	kW	1.0 - 5.0	1.5 - 7.2	1.6 - 8.0	2.0 - 10.2	2.8 - 12.5	2.8 - 12.5	4.1 - 15.0	4.1 - 15.0	4.2 - 15.8	4.2 - 15.8
	Total Input	Rated	kW	1.025	1.617	1.750	2.216	3.284	3.284	3.958	3.958	4.285	4.285
	СОР			4.00	3.71	4.00	3.61	3.41	3.41	3.41	3.41	3.50	3.50
	Design load		kW	2.6	4.3	4.6	5.8	8.0	8.0	-	-	-	_
	Declared Capacity		kW	2.3 (-10°C)	3.8 (-10°C)	4.1 (-10°C)	5.2 (-10°C)	6.0 (-10°C)	6.0 (-10°C)	-	-	-	-
		at bivalent temperature	kW	2.3 (-7°C)	3.8 (-7°C)	4.1 (-7°C)	5.2 (-7°C)	7.0 (-7°C)	7.0 (-7°C)	-	-	-	_
		at operation limit temperature	kW	2.3 (-10°C)	3.8 (-10°C)	4.1 (-10°C)	5.2 (-10°C)	4.5 (-15°C)	4.5 (-15°C)	-	_	-	
	Back up heating capacity		kW	0.3	0.5	0.5	0.6	2.0	2.0	-	-	-	-
	Annual electricity consump	otion(*2)	kWh/a	910	1458	1558	1974	2729	2729	-	-	-	
	SCOP (*4)			4.0	4.1	4.1	4.1	4.1	4.1	_	-	-	
		Energy efficiency class	La	A+	A+	A+	A+	A+	A+	-	-	-	-
	Current(Max)	In	A	8.8	13.9	15.2	15.2	20.7	12.2	27.3	12.3	30.9	12.4
Indoor	Input [cooling / Heating]	Rated	kW A	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06	0.06 / 0.06	0.09 / 0.09	0.09 / 0.09	0.11 / 0.11	0.11 / 0.11	0.14 / 0.14	0.14 / 0.14
Unit	Operating Current(Max)	H*W*D		0.29	0.37 60-680	0.39	0.42	0.65	0.65	0.76 230-16	0.76	0.90	0.90
	Dimensions Weight	IH W D	mm kg	25	26	32	32	37	37	38	38	40	40
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	10-11-12-14	10-11-13-15	15-16-17-19	16-17-18-20	22-24-26-28	22-24-26-28	23-25-27-29	23-25-27-29	24-26-29-32	24-26-29-32
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	dB(A)	31-33-36-39	32-34-37-40	33-35-37-40	35-37-39-41	37-39-41-43	37-39-41-43	39-41-43-45	39-41-43-45	41-43-45-48	41-43-45-48
	Sound Level (PWL)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	dB(A)	60	60	60	62	63	63	65	65	68	68
Outdoor	Dimensions	H*W*D	mm	550-800-285	714-800-285	880-840-330				981-1050-330(+40)		981-1050-330(+40)	
Unit	Weight	•	kg	35	41	54	55	76	78	84	85	84	85
	Air Volume	Cooling	m³/min	34.3	45.8	50.1	50.1	79	79	86	86	86	86
		Heating	m³/min	32.7	43.7	50.1	50.1	79	79	92	92	92	92
	Sound Level (SPL)	Cooling	dB(A)	48	48	49	49	51	51	54	54	55	55
		Heating	dB(A)	48	49	51	51	54	54	56	56	57	57
	Sound Level (PWL)	Cooling	dB(A)	59	64	65	66	70	70	72	72	73	73
	Operating Current(Max)		А	8.5	13.5	14.8	14.8	20	11.5	26.5	11.5	30	11.5
	Breaker Size		А	10	20	20	20	32	16	32	16	40	16
Ext.Piping	Diameter ^(*5)	Liquid/Gas	mm	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max.Length	Out-In	m	20	30	30	30	55	55	65	65	65	65
	Max.Height	Out-In	m	12	30	30	30	30	30	30	30	30	30
Guarante	ed Operating Range (Outdoor)	Cooling(*3)	°C	-10 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21

[|] Refigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R32 is 675 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than –5°C.

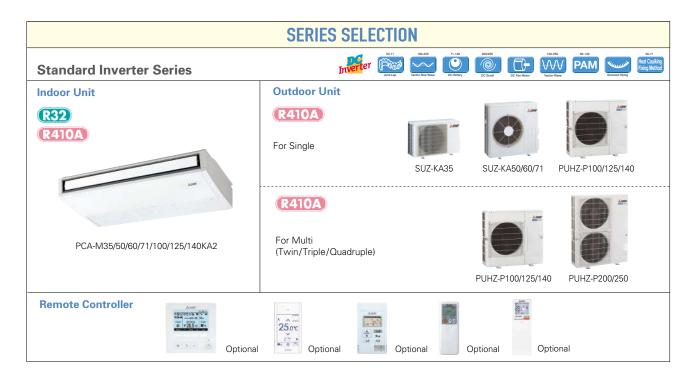
*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.



PCA-M KA Indoor Unit Combinations Indoor unit combinations shown below are possible.

										Outd	oor U	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	gle						For	Twin			F	or Trip	le	For Qu	adruple
			50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power	Inverter (PUHZ-ZRP)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe			-	-	-	-	-	-	-	1	MSDD-	-50TR-	E		DD- VR-E	MS	DT-111	1R-E		DF- 1R-E



PCA-M KA Indoor Unit Combinations Indoor unit combinations shown below are possible.

. 0, .			~																		
										Outd	oor Ui	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	gle						For	Twin			F	or Trip	ole	For Qu	adruple
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Standa	Standard Inverter (PUHZ-P&SUZ)		50x1	60x1	71x1	100x1	125x1	140x1	-	-	-	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	_	-	-	-	-	-	-	MSI	DD-50	TR-E	MS 50V	DD- /R-E	MS	DT-11	1R-E		DF- 1R-E

PCA-M KA SERIES

















Group M-NET Wi-Fi i)) COMPO MXZ Wiring Drain Pump Flare connection Interface COMPO MXZ Reuse Lift Up Down











TOTTER	INVERIER	Optional O	ptional	O _I	ptional Optiona			Ops	ional Optional	Down		liagnosis	
Туре								Inverter H					
ndoor Uni	t			PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2	PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2	PCA-M140KA2	PCA-M140K
utdoor U	Init			PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YI
lefrigeran	t ^(*1)							R4	10A				
ower	Source							Outdoor po	ower supply				
upply	Outdoor(V/Phase/Hz)						VKA•V	/HA:230/Single/		hree/50			
ooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1	9.5	9.5	12.5	12.5	13.4	13.4
•	11	Min-Max	kW	1.6 - 4.5	2.3 - 5.6	2.7 - 6.7	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.0	6.2 - 15.0
	Total Input	Rated	kW	0.857	1.351	1.694	1.821	2.417	2.435	3.980	3.980	3.952	3.952
	EER			4.19	3.73	3.67	3.90	3.93	3.90	3.14	3.14	3.39	3.39
	Design load		kW	3.6	5.0	6.1	7.1	9.5	9.5	_			
	Annual electricity consump	otion(*2)	kWh/a	202	282	340	367	542	553	_	_		_
	SEER(*4)			6.2	6.1	6.2	6.7	6.1	6.0	_	_		
		Energy efficiency class		A++	A++	A++	A++	A++	A+	_	_		_
leating	Capacity	Rated	kW	4.1	5.5	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0
		Min-Max	kW	1.6 - 5.2	2.5 - 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	1.019	1.450	1.930	2.197	3.043	3.043	3.804	3.804	4.571	4.571
	COP	1		4.02	3.79	3.63	3.64	3.68	3.68	3.68	3.68	3.50	3.50
	Design load		kW	2.4	3.8	4.4	4.7	7.8	7.8	-	3.00	3.50	3.50
	Declared Capacity	at reference design temperature	kW	2.4 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	_	_	_	_
	Deciared Supacity	at bivalent temperature	kW	2.4 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	_	_	_	
			kW	2.2 (-11°C)	3.7 (-11°C)	2.8 (-20°C)	3.5 (-20°C)	5.8 (-20°C)	5.8 (-20°C)	-	-	-	
	Back up heating capacity	lat operation in it temperature	kW	0.0	0.0	0.0	0.0	0.0	0.0	_	_	_	_
	Annual electricity consump	otion (*2)	kWh/a	817	1259	1461	1522	2784	2785	_	_	_	_
	SCOP(*4)	, tion	K V V I I / G	4.1	4.2	4.2	4.3	3.9	3.9	_	_	_	_
	3001	Energy efficiency class		A+	A+	A+	4.5 A+	A.	A.				
Inoratino	Current(Max)	Lifergy efficiency class	Α	13.3	13.4	19.4	19.4	27.2	8.7	27.3	10.3	28.9	13.9
ndoor	Input [cooling / Heating]	Rated	kW	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06	0.06 / 0.06	0.09 / 0.09	0.09 / 0.09	0.11/0.11	0.11/0.11	0.14 / 0.14	0.14 / 0.14
Jnit	Operating Current(Max)	Indieu	A	0.04 / 0.04	0.0570.05	0.0670.06	0.42	0.65	0.65	0.76	0.76	0.14 / 0.14	0.14 / 0.14
,,,,,,	Dimensions	H*W*D	mm		60-680		80-680	0.00	0.00	230-160		0.30	0.50
	Weight	II W D	kg	25	26	32	32	37	37	38	38	40	40
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min			15-16-17-19	16-17-18-20		22-24-26-28		23-25-27-29		24-26-29-3
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	dB(A)	31-33-36-39		33-35-37-40	35-37-39-41	37-39-41-43			39-41-43-45		
	Sound Level (PWL)	(0. 2)	dB(A)	60	60	60	62	63	63	65	65	68	68
Outdoor	Dimensions	H*W*D	mm	630-809-300		943-950-330(+30)			1338-1050-330(+40)		1338-1050-330(+40)		1338-1050-330(-
Init	Weight	1	kg	43	46	70	70	116	123	116	125	118	131
	Air Volume	Cooling	m³/min		45	55	55	110	110	120	120	120	120
		Heating	m³/min	45	45	55	55	110	110	120	120	120	120
	Sound Level (SPL)	Cooling	dB(A)	44	44	47	47	49	49	50	50	50	50
		Heating	dB(A)	46	46	48	48	51	51	52	52	52	52
	Sound Level (PWL)	Cooling	dB(A)	65	65	67	67	69	69	70	70	70	70
	Operating Current(Max)	[CCCIII.Ig	A	13	13	19	19	26.5	8	26.5	9.5	28	13
	Breaker Size		A	16	16	25	25	32	16	32	16	40	16
xt.Piping	Diameter(*5)	Liquid/Gas	mm	6.35 / 12.7	6.35 / 12.7	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.8
b	Max.Length	Out-In	m	50	50	50	50	75	75	75	75	75	75
	Max.Height	Out-In	m	30	30	30	30	30	30	30	30	30	30
luarante	ed Operating Range (Outdoor)	Cooling(*3)	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R32 is 675 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than –5°C.

*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.



























































. •	I I I I I I I I I I I I I I I I I I I
STANDAF	RD INVERTER
Туре	
Indoor Unit	i .
Outdoor Ur	nit
Refrigerant	(*1)
Power	Source
Supply	Outdoor(V/Phase/Hz)
Cooling	Conceitu

Туре								Inverter F	leat Pump				
Indoor Unit				PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2			PCA-M125KA2	PCA-M125KA2	PCA-M140KA2	PCA-M140KA2
Outdoor Un	t									PUHZ-P125VKA			
Refrigerant ^(*)				302 KA33VA0	1 002 KA30VA0	002 KA00VA0	002 1047 TVA0		10A	I OTIL I IZOVICA	1 0112 1 1201KA	1 01121 1401104	1 01121 140110
	Source								ower supply				
	Outdoor(V/Phase/Hz)						\/A •\/	KA:230/Single/		ree/50			
Cooling	Capacity	Rated	kW	3.6	5.0	5.7	7.1	9.4	9.4	12.1	12.1	13.6	13.6
Cooling	Capacity	Min-Max	kW	1.4 - 3.9	2.3 - 5.6	2.3 - 6.3	2.8 - 8.1	3.7 - 10.6	3.7 - 10.6	5.6 - 13.0	5.6 - 13.0	5.8 - 14.1	5.8 - 14.1
	Total Input	Rated	kW	1.050	1.547	1.722	2.057	3.051	3.051	4.245	4.245	5.643	5.643
	EER	riated	KVV	3.43	3.23	3.31	3.45	3.08	3.08	2.85	2.85	2.41	2.41
+	Design load		kW	3.6	5.0	5.7	7.1	9.4	9.4	2.00	2.00	2.41	2.41
	Annual electricity consump		kWh/a	209	299	325	408	584	584	_	_	_	
	SEER(*4)	Julion	KVVII/a	6.0	5.8	6.1	6.0	5.6	5.6	_	_	_	
	SEEN	Energy efficiency class		A+	3.6 A+	A++	A+	A+	3.6 A+	_		_	
Heating	Capacity	Rated	kW	4.1	5.5	6.9	7.9	11.2	11.2	13.5	13.5	15.0	15.0
neating	Сарасну	Min-Max	kW	1.7 - 5.0	1.7 - 6.6	2.5 - 8.0	2.6 - 10.2	2.8 - 12.5	2.8 - 12.5	4.8 - 15.0	4.8 - 15.0	4.9 - 15.8	4.9 - 15.8
	Total Innex	Rated	kW	1.7 - 5.0	1.7 - 6.6	1.911	2.6 - 10.2	3.373	3.373	4.8 - 15.0			4.9 - 15.8
	Total Input COP	nated	KVV	3.90	3.62	3.61	3.62	3.373	3.373	3.32	4.066 3.32	4.477 3.35	3.35
-			kW		4.0	4.8	5.8	8.0	8.0	3.32	3.32	3.35	3.35
	Design load			2.6					6.0 (-10°C)			_	
	Declared Capacity		kW	2.3 (-10°C)	3.6 (-10°C)	4.0 (-10°C)	5.2 (-10°C)	6.0 (-10°C)		-	-		
		at bivalent temperature	kW	2.3 (-7°C)	3.6 (-7°C)	4.3 (-7°C)	5.2 (-7°C)	7.0 (-7°C)	7.0 (-7°C)	-	-	-	-
		at operation limit temperature	kW	2.3 (-10°C)	3.6 (-10°C)	4.0 (-10°C)	5.2 (-10°C)	4.5 (-15°C)	4.5 (-15°C)	_	-	_	-
	Back up heating capacity		kW	0.3	0.4	0.8	0.6	2.0	2.0	-	-	-	-
	Annual electricity consump	otion(-2)	kWh/a	886	1388	1680	2029	2729	2729	_	-	_	-
	SCOP(*4)			4.1	4.0	4.0	4.0	4.1	4.1	-	-	-	-
		Energy efficiency class		A+	A+	A+	A+	A+	A+	-	_	_	-
	Current(Max)		A	8.5	12.4	14.4	16.5	20.7	12.2	27.3	12.3	30.9	12.4
	nput [cooling / Heating]	Rated	kW	0.04 / 0.04	0.05 / 0.05	0.06 / 0.06	0.06 / 0.06	0.09 / 0.09	0.09 / 0.09	0.11/0.11	0.11 / 0.11	0.14 / 0.14	0.14 / 0.14
	Operating Current(Max)	Lucia	A	0.29	0.37	0.39	0.42	0.65	0.65	0.76	0.76	0.90	0.90
		H*W*D	mm		60-680		80-680			230-16			
	Neight Air Volume (Lo-Mi2-Mi1-Hi)		kg .	25	26	32	32	37	37	38 23-25-27-29	38	40	40
	Sound Level (Lo-Mi2-Mi1-Hi)	(CDL)	m³/min dB(A)	10-11-12-14 31-33-36-39	10-11-13-15 32-34-37-40	15-16-17-19 33-35-37-40	16-17-18-20 35-37-39-41	22-24-26-28 37-39-41-43	22-24-26-28 37-39-41-43	39-41-43-45	23-25-27-29 39-41-43-45	24-26-29-32 41-43-45-48	24-26-29-32 41-43-45-48
	Sound Level (PWL)	(SFL)	dB(A)	60	60	60	62	63	63	65	65	68	68
	Dimensions	IH*W*D	mm	550-800-285	880-840-330	880-840-330				981-1050-330			
	Veight	J11 VV B	kg	35	54	50	53	76	78	84	85	84	85
	Air Volume	Cooling	m³/min	36.3	44.6	40.9	50.1	79	79	86	86	86	86
ľ	an voidine	Heating	m³/min	34.8	44.6	49.2	48.2	79	79	92	92	92	92
l.	Sound Level (SPL)	Cooling	dB(A)	49	52	49.2 55	48.2 55	51	51	54	54	56	56
ľ	Journa Level (JFL)	Heating	dB(A)	50	52	55	55	54	54	56	56	57	57
l-	Sound Level (PWL)	Cooling	dB(A)	62	65	65	69	70	70	72	72	75	75
	Operating Current(Max)	Cooming	ΔB(A)	8.2	12	14	16.1	20	11.5	26.5	11.5	30	11.5
	Sperating Current(Wax)		Δ	10	20	20	20	32	16	26.5	16	40	16
Ext.Piping I		Liquid/Gas	, ,	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Jiameter 37 Max.Length	Out-In	mm	20		30	30	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88		9.52 / 15.88	50
	viax.Lengtn Vlax.Height	Out-In	m	12	30	30	30	30	30	30	50 30	30	30
	VIAX.Height I Operating Range (Outdoor)	Cooling(*3)	m °C										
Guaranteed	Operating hange (Outdoor)			-10 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21



Tough on Oily Smoke

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

High-performance Oil Mist Filter

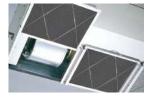
A high-performance heavy-duty oil mist filter is included as standard equipment. The filtering system is more efficient than conventional filters, thereby effectively reducing the oily smoke entering the air conditioner. The filter is disposable, thereby enabling trouble-free cleaning and maintenance

Oil Mist Filter Cleaning

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







Pull the handle to easily slide the filter out

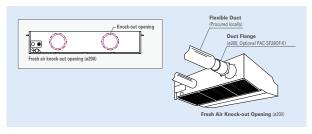
Easy Maintenance – Even for Cleaning the Fan

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)

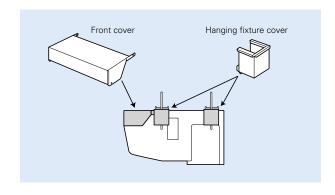
There is a knock-out opening on the rear panel of the unit that can be used to bring fresh air into the unit. This helps to improve ventilation and make the kitchen comfortable.

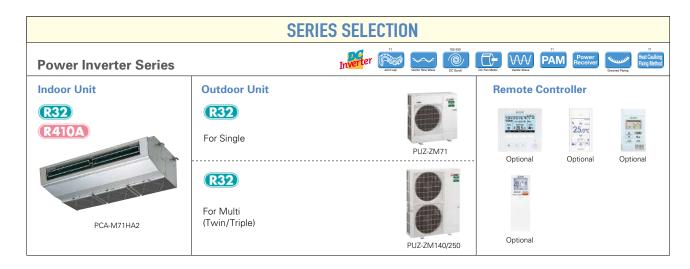


Notes: 1) A fresh-air duct flange is required (sold separately) 2) Intake air is not 100% fresh (outside) air.

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.





PCA-M HA Indoor Unit Combinations Indoor unit combinations shown below are possible.

										Outd	oor Ui	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	jle						For	Twin			Fo	or Trip	le	For Qu	adruple
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power	Inverter (PUZ-ZM)	-	-	-	71x1	-	-	-	-	-	_	-	-	71x2	-	-	-	-	71x3	-	<u> </u>
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	MSDD- 50TR2-E	-	-	-	-	MSDT- 111R3-E	-	-



PCA-M HA Indoor Unit Combinations Indoor unit combinations shown below are possible.

										Outd	oor Ui	nit Cap	acity								
Indoor	Unit Combination				Fc	r Sing	jle						For	Twin			Fo	or Trip	le	For Qu	adruple
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power	Inverter (PUHZ-ZRP)	-	-	-	71x1	-	-	-	-	-	-	-	-	71x2	-	-	-	-	71x3	-	-
	Distribution Pipe	_	_	_	_	_	_	_	_	-	_	_	_	MSDD-50TR-E	_	-	-	_	MSDT-111R-E	_	-

PCA-RP HA SERIES





























		Optional		
Туре				Inverter Heat Pump
Indoor Unit				PCA-M71HA2
Outdoor Un				PUZ-ZM71VHA2
Refrigerant ⁶	*1)			R32
Power	Source			Outdoor power supply
Supply	Outdoor(V/Phase/Hz)			230/Single/50
Cooling	Capacity	Rated	kW	7.1
_	1 .	Min-Max	kW	3.3 - 8.1
1	Total Input	Rated	kW	2.028
	EER			3.50
İ	Design load		kW	7.1
	Annual electricity consum	otion(*2)	kWh/a	443
	SEER(*4)			5.6
		Energy efficiency class		A+
leating	Capacity		kW	7.6
9		Min-Max	kW	7.5 3.5 - 10.2
	Total Input	Rated	kW	2.171
	COP	riated	KVV	3.50
· · · · · · · · · · · · · · · · · · ·	Design load		kW	3.37
•	Declared Capacity		kW	4.7 (-10°C)
	Decialed Capacity	at bivalent temperature	kW	4.7 (-10°C) 4.7 (-10°C)
			kW	3.4 (20°C)
	Back up heating capacity	at operation in it temperature	kW	3.4 (20 C) 0.0
	Annual electricity consump	ntion (*2)	kWh/a	0.684 1684
	SCOP(*4)	Otton ·	KVVII/d	3.9
	SCOP. 4	Energy efficiency class		3.9 A
Doerating	Current(Max)		А	19.4
	Input [cooling / Heating]	Rated	kW	0.10 / 0.10
	Operating Current(Max)	riatoa	Δ	0.43
	Dimensions	H*W*D	mm	280-1136-650
	Weight		ka	42
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	16-18
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	dB(A)	37-39
	Sound Level (PWL)	•	dB(A)	57
Outdoor	Dimensions	H*W*D	mm	943-950-330(+25)
Jnit i	Weight	•	kg	67
į.	Air Volume	Cooling	m³/min	55
		Heating	m³/min	55
1	Sound Level (SPL)	Cooling	dB(A)	47
		Heating	dB(A)	49
	Sound Level (PWL)	Cooling	dB(A)	67
	Operating Current(Max)		Α	
	Breaker Size		A	25
	Diameter(*5)	Liquid/Gas	mm	9.52/15.88
	Max.Length	Out-In	m	55
	Max.Height	Out-In	m	30
	d Operating Range (Outdoor)	Cooling(*3)	°C	-15 ~ +46
Juan allice	a operating natige (Outdoor)	Heating	°C	-10 ~ +21 -20 ~ +21
		li leating	C	-20 ~ +21

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO2, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R410A is 2088 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than –5°C.

*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.



Weight Air Volume

Sound Level (SPL) Sound Level (PWL)

Operating Current(Max)
Breaker Size
Ext.Piping Diameter(*5)

Max.Length Max.Height

Guaranteed Operating Range (Outdoor

Type









































kg m³/mir

dB(A)

mm













Inverter Heat Pump

67 19









Indoor Un	it			PCA-M71HA2
Outdoor L				PUHZ-ZRP71VHA2
Refrigerar				R410A
Power	Source			Outdoor power supply
Supply	Outdoor(V/Phase/Hz)			230/Single/50
Cooling	Capacity	Rated	kW	7.1
		Min-Max	kW	3.3 - 8.1
	Total Input	Rated	kW	2.170
	EER			3.27
	Design load		kW	7.1
	Annual electricity consum	ption(*2)	kWh/a	444
	SEER(*4)			5.6
		Energy efficiency class		A+
Heating	Capacity	Rated	kW	7.6
		Min-Max	kW	3.5 - 10.2
	Total Input	Rated	kW	2.350
	COP			3.23
	Design load		kW	4.7
	Declared Capacity	at reference design temperature	kW	4.7 (-10°C)
		at bivalent temperature	kW	4.7 (-10°C)
		at operation limit temperature	kW	3.5 (-20°C)
	Back up heating capacity		kW	0.0
	Annual electricity consum	ption (*2)	kWh/a	1724
	SCOP(*4)			3.8
		Energy efficiency class		A
	g Current(Max)		А	19.4
Indoor	Input [cooling / Heating]	Rated	kW	0.10 / 0.10
Unit	Operating Current(Max)		A	0.43
	Dimensions	H*W*D	mm	280-1136-650
	Weight		kg	42
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	16-18
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	dB(A)	37-39
044	Sound Level (PWL)	H*W*D	dB(A)	57
Outdoor	Dimensions	lun	mm	943-950-330(+30)

Heating Cooling

Cooling

Liquid/Gas

Out-In Out-In

Heating

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R410A is 2088 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than –5°C.

*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.



PSA-M71/100/125/140KA



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.

A slim design the fits neatly into any space

With a width of only 600mm, this slim unit can fit neatly into narrow spaces.



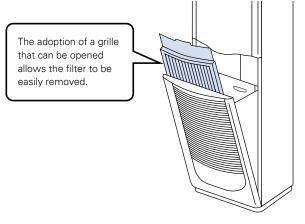


Built-in MA smart remote controller

The large and easy-to-read LCD makes it easy to perform a variety of functions.

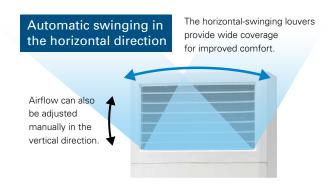


Equipped with a long-life filter as standard



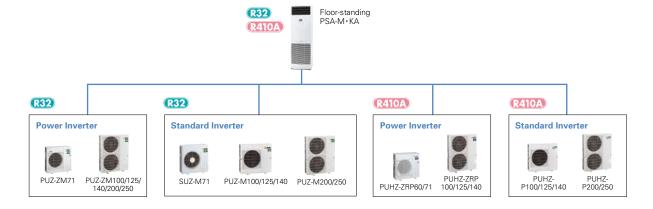
A wide airflow range with horizontal swinging

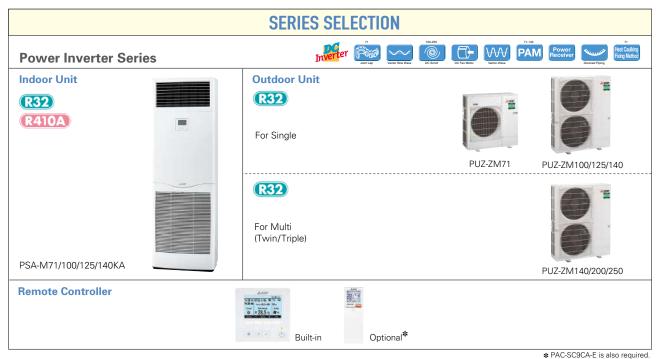
The horizontal swinging function can be turned on or off via the remote controller to deliver comfort over a wider area.



Floor-standing Line-up

The PSA series was previously only able to be connected to P series outdoor units. However, it can now also be connected to S series outdoor units. This wider lineup provides our customers with a more flexible range of options.

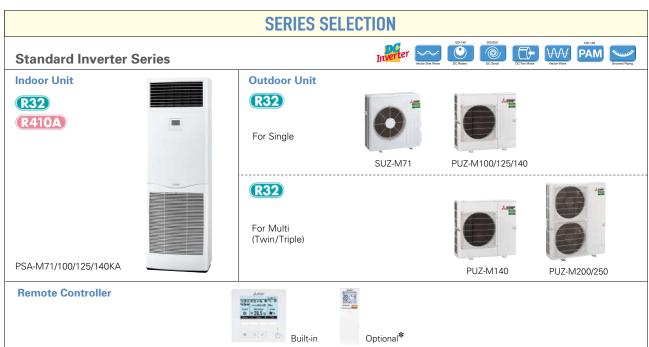




PSA-M Indoor Unit Combinations Indoor unit combinations shown below are possible.

* PAC-SC9CA-E is also require

										Outd	oor Uı	nit Cap	acity								
Indoor	Unit Combination				Fo	or Sing	jle						For	Twin			Fo	or Trip	le	For Qu	adruple
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power	Inverter (PUZ-ZM)	ı	ı	-	71x1	100x1	125x1	140x1	-	-	-	-	-	71x2	100x2	125x2	-	-	71x3	-	_
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	MSDD -50TR2-E	MSDD-5	0WR2-E	-	-	MSDT -111R3-E	-	_



PSA-M Indoor Unit Combinations Indoor unit combinations shown below are possible.

* PAC-SC9CA-E is also required.

	Outdoor Unit Capacity																				
Indoor	Unit Combination				Fo	or Sing	gle						For	Twin			Fo	or Trip	le	For Qu	adruple
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Standa	rd Inverter (PUZ-M)	-	-	-	71x1	100x1	125x1	140x1	-	-	-	-	-	71x2	100x2	125x2	-	-	71x3	-	-
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	_	MSDD -50TR2-E	MSDD-5	0WR2-E	-	-	MSDT -111R3-E	-	-

































T										
Туре				DOA MATAKA	DCA MARONIA		Inverter Heat Pump		DCA MALAOKA	DOA MALAOKA
Indoor Uni				PSA-M71KA	PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA
Outdoor U				PUZ-ZM71VHA2	PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	PUZ-ZM140VKA2	PUZ-ZM140YKA2
Refrigeran							R32			
Power	Source						Outdoor power suppl			
Supply	Outdoor(V/Phase/Hz)	-					230/Single/50, YKA:40			
Cooling	Capacity	Rated	kW	7.1	9.5	9.5	12.5	12.5	13.4	13.4
		Min-Max	kW	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.0	6.2 - 15.0
	Total Input	Rated	kW	1.888	2.493	2.493	3.955	3.955	3.976	3.976
	EER			3.76	3.81	3.81	3.16	3.16	3.37	3.37
	Design load		kW	7.1	9.5	9.5	-	-	-	-
	Annual electricity consump	ption(*2)	kWh/a	388	581	592	-	-	-	-
	SEER(*4)			6.4	5.7	5.6	-	-	-	-
		Energy efficiency class		A++	A+	A+	-	-	-	-
Heating	Capacity	Rated	kW	7.6	11.2	11.2	14.0	14.0	16.0	16.0
		Min-Max	kW	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5 - 16.0	5 - 16.0	5.7 - 18.0	5.7 - 18.0
	Total Input	Rated	kW	2.338	3.172	3.172	4.501	4.501	5.000	5.000
	COP			3.25	3.53	3.53	3.11	3.11	3.20	3.20
	Design load		kW	4.7	7.8	7.8	-	-	-	-
	Declared Capacity	at reference design temperature	kW	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	_	_	_
		at bivalent temperature	kW	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	_	-	_
		at operation limit temperature	kW	3.4 (-20°C)	5.8 (-20°C)	5.8 (-20°C)	-	-	-	-
	Back up heating capacity	•	kW	0.0	0.0	0.0	-	-	-	-
	Annual electricity consump	ption(*2)	kWh/a	1636	2658	2659	-	-	-	-
	SCOP(*4)			4.0	4.1	4.1	-	-	-	-
		Energy efficiency class		A+	A+	A+	-	-	-	-
Operating	Current(Max)		Α	19.4	20.7	8.7	27.2	9.7	30.7	12.5
ndoor	Input [cooling / Heating]	Rated	kW	0.06 / 0.06	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11
Unit	Operating Current(Max)		А	0.4	0.71	0.71	0.73	0.73	0.73	0.73
	Dimensions	H*W*D	mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360
	Weight		kg	46	46	46	46	46	48	48
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	20-22-24	25-28-30	25-28-30	25-28-31	25-28-31	25-28-31	25-28-31
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	dB(A)	40-42-44	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51
	Sound Level (PWL)		dB(A)	60	65	65	66	66	66	66
Outdoor	Dimensions	H*W*D	mm				1338-1050-330(+40)			
Unit	Weight		kg	67	105	111	105	114	105	118
	Air Volume	Cooling	m³/min	55	110	110	120	120	120	120
		Heating	m³/min	55	110	110	120	120	120	120
	Sound Level (SPL)	Cooling	dB(A)	47	49	49	50	50	50	50
		Heating	dB(A)	49	51	51	52	52	52	52
	Sound Level (PWL)	Cooling	dB(A)	67	69	69	70	70	70	70
	Operating Current(Max)		Α	19	20	8	26.5	9	30	11.8
	Breaker Size		Α	25	32	16	32	16	40	16
Ext.Piping	Diameter(*5)	Liquid/Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max.Length	Out-In	m	55	100	100	100	100	100	100
	Max.Height	Out-In	m	30	30	30	30	30	30	30
Guarante	ed Operating Range (Outdoor)	Cooling(*3)	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating	°C	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant clicuit yourself or disassemble the product yourself and always ask a professional. The GWP of R410A is 2088 in the IPCC 4th Assessment Report.
*2 Energy consumption based on standard test results. Actual energy consumption based on standard test results and test results are the standard test results and the standard test results are th





















































-15 ~ +46

-15 ~ +46

-15 ~ +46





















Type				Inverter Heat Pump											
Indoor Uni	t			PSA-M71KA	PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA					
Outdoor U	nit			SUZ-M71VA	PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2	PUZ-M140VKA2	PUZ-M140YKA2					
Refrigeran	t ^(*1)				•		R32								
Power	Source						Outdoor power suppl	V							
Supply	Outdoor(V/Phase/Hz)					VA, VKA:2	30/Single/50, YKA:40	0/Three/50							
Cooling	Capacity	Rated	kW	7.1	9.4	9.4	12.1	12.1	13.6	13.6					
_	11	Min-Max	kW	2.2 - 8.1	3.7 - 10.6	3.7 - 10.6	5.6 - 13.0	5.6 - 13.0	5.8 - 13.7	5.8 - 13.7					
	Total Input	Rated	kW	1.972	2.686	2.686	4.481	4.481	5.037	5.037					
	EER	•		3.60	3.50	3.50	2.70	2.70	2.70	2.70					
	Design load		kW	7.1	9.4	9.4	_	_	-	_					
	Annual electricity consum	ption(*2)	kWh/a	394	591	591	-	-	-	-					
	SEER(*4)	•		6.3	5.5	5.5	-	-	-	-					
		Energy efficiency class		A++	A	A	_	_	_	_					
Heating	Capacity	Rated	kW	8.0	11.2	11.2	13.5	13.5	15.0	15.0					
5		Min-Max	kW	2.1 - 10.2	2.8 - 12.5	2.8 - 12.5	4.8 - 15.0	4.8 - 15.0	4.9 - 15.8	4.9 - 15.8					
	Total Input	Rated	kW	2.492	3.246	3.246	4.355	4.355	4.761	4.761					
	COP			3.21	3.45	3.45	3.10	3.10	3.15	3.15					
	Design load		kW	5.8	8.0	8.0	-	-	-	-					
	Declared Capacity	at reference design temperature	kW	5.2 (-10°C)	6.0 (-10°C)	6.0 (-10°C)	-	-	-	_					
		at bivalent temperature	kW	5.2 (-7°C)	7.0 (-7°C)	7.0 (-7°C)	_	-	-	-					
			kW	5.2 (-10°C)	4.5 (-15°C)	4.5 (-15°C)	_	-	-	-					
	Back up heating capacity		kW	0.6	2.0	2.0	-	-	-	-					
	Annual electricity consum	nption(*2)	kWh/a	2003	2745	2745	_	_	-	-					
	SCOP(*4)			4.0	4.0	4.0	_	_	_	-					
		Energy efficiency class		A+	A+	A+	_	-	_	-					
Operating	Current(Max)	, , , , , , , , , , , , , , , , , , , ,	Α	15.2	20.7	12.2	27.2	12.2	30.7	12.2					
Indoor	Input [cooling / Heating]	Rated	kW	0.06 / 0.06	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11					
Unit	Operating Current(Max)		Α	0.4	0.71	0.71	0.73	0.73	0.73	0.73					
	Dimensions	H*W*D	mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360					
	Weight	•	kg	46	46	46	46	46	48	48					
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	20-22-24	25-28-30	25-28-30	25-28-31	25-28-31	25-28-31	25-28-31					
	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)	dB(A)	40-42-44	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51					
	Sound Level (PWL)		dB(A)	60	65	65	66	66	66	66					
Outdoor	Dimensions	H*W*D	mm	880-840-330			981-1050-330(+40)								
Unit	Weight		kg	55	76	78	84	85	84	85					
	Air Volume	Cooling	m³/min	50.1	79	79	86	86	86	86					
		Heating	m³/min	50.1	79	79	92	92	92	92					
	Sound Level (SPL)	Cooling	dB(A)	49	51	51	54	54	55	55					
		Heating	dB(A)	51	54	54	56	56	57	57					
	Sound Level (PWL)	Cooling	dB(A)	66	70	70	72	72	73	73					
	Operating Current(Max)		А	14.8	20	11.5	26.5	11.5	30	11.5					
	Breaker Size		Α	20	32	16	32	16	40	16					
Ext.Piping	Diameter(*5)	Liquid/Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88					
	Max.Length	Out-In	m	30	55	55	65	65	65	65					
	Max.Height	Out-In	m	30	30	30	30	30	30	30					

Cooling(* Heating -15 ~ +46 -15 ~ +21 -15 ~ +46 -15 ~ +21 *1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant mitigher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R410A is 2088 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than –5°C.

*4 SEER and SCOP are based on 2009/12/EFC.Eregr-greated Products Directive and Regulation(EU) No206/2012.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

-15 ~ +46

-15 ~ +46

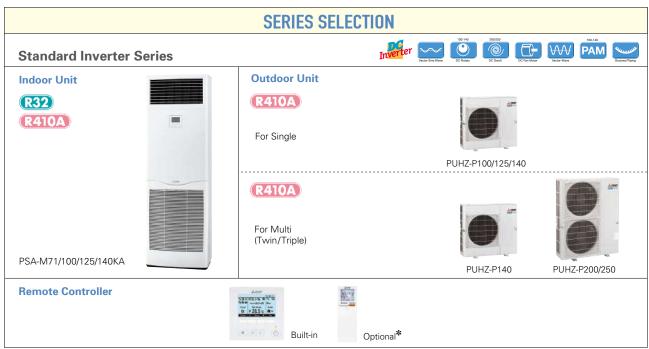
-10 ~ +24

Guaranteed Operating Range (Outdoor)



PSA-M Indoor Unit Combinations Indoor unit combinations shown below are possible.

		Outdoor Unit Capacity																			
Indoor Unit Combination	For Single							For Twin						For Triple			For Quadruple				
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power	Inverter (PUHZ-ZRP)	-	-	-	71x1	100x1	125x1	140x1	-	-	-	-	-	71x2	100x2	125x2	-	-	71x3	-	-
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	MSDD -50TR-E	MSDD-	50WR-E	-	-	MSDT -111R-E	-	_



PSA-M Indoor Unit Combinations Indoor unit combinations shown below are possible.

* PAC-SC9CA-E is also required.

		Outdoor Unit Capacity																			
Indoor Unit Combination Standard Inverter (PUHZ-P)		For Single								For Twin						For Triple			For Quadruple		
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
		-	-	-	-	100x1	125x1	140x1	-	-	-	-	-	71x2	100x2	125x2	-	-	71x3	-	_
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	MSDD -50TR-E	MSDD-	50WR-E	-	-	MSDT -111R-E	-	_









































		Optional							
Туре						Inverter Heat Pum)		
Indoor Un	it		PSA-M71KA	PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA
Outdoor L	Init		PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3
Refrigerar	t ^(*1)					R410A			
Power	Source					Outdoor power suppl			
Supply	Outdoor(V/Phase/Hz)				VKA•VHA:	230/Single/50, YKA:4	00/Three/50		
Cooling	Capacity	Rated kW	7.1	9.5	9.5	12.5	12.5	13.4	13.4
		Min-Max kW	3.3 - 8.1	4.9 - 11.4	4.9 - 11.4	5.5 - 14.0	5.5 - 14.0	6.2 - 15.0	6.2 - 15.0
	Total Input	Rated kW	1.890	2.500	2.500	4.084	4.084	4.060	4.060
	EER		3.76	3.80	3.80	3.06	3.06	3.30	3.30
	Design load	kW	7.1	9.5	9.5	_	_	_	_
	Annual electricity consump	ption(*2) kWh/a	394	584	595	_	_	_	_
	SEER(*4)		6.3	5.6	5.5	_	_	-	_
		Energy efficiency class	A++	A+	A	_	_	-	-
Heating	Capacity	Rated kW	7.6	11.2	11.2	14.0	14.0	16.0	16.0
		Min-Max kW	3.5 - 10.2	4.5 - 14.0	4.5 - 14.0	5.0 - 16.0	5.0 - 16.0	5.7 - 18.0	5.7 - 18.0
	Total Input	Rated kW	2.210	3.080	3.080	4.242	4.242	4.790	4.790
	СОР		3.44	3.64	3.64	3.30	3.30	3.34	3.34
	Design load	kW	4.7	7.8	7.8	-	-	-	-
	Declared Capacity	at reference design temperature kW	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	-	-	-
		at bivalent temperature kW	4.7 (-10°C)	7.8 (-10°C)	7.8 (-10°C)	-	_	-	-
		at operation limit temperature kW	3.5 (-20°C)	5.8 (-20°C)	5.8 (-20°C)	-	_	-	-
	Back up heating capacity	kW	0.0	0.0	0.0	-	-	-	-
	Annual electricity consump	ption(*2) kWh/a	1668	2730	2731	-	-	-	-
	SCOP(*4)		3.9	3.9	3.9	-	_	-	-
	<u></u>	Energy efficiency class	A	A	A	-	-	-	-
	Current(Max)	A	19.4	27.2	8.7	27.2	10.2	28.7	13.7
Indoor	Input [cooling / Heating]	Rated kW	0.06 / 0.06	0.11/0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11
Unit	Operating Current(Max)		0.4 1900-600-360	0.71 1900-600-360	0.71 1900-600-360	0.73 1900-600-360	0.73 1900-600-360	0.73 1900-600-360	0.73 1900-600-360
	Dimensions Weight	H*W*D mm	46	46	46	46	46	48	48
	Air Volume (Lo-Mi2-Mi1-Hi)	m³/mir	20-22-24	25-28-30	25-28-30	25-28-31	25-28-31	25-28-31	25-28-31
	Sound Level (Lo-Mi2-Mi1-Hi)		40-42-44	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51
	Sound Level (PWL)	dB(A)	60	65	65	66	66	66	66
Outdoor	Dimensions	H*W*D mm	943-950-330(+30)	1338-1050-330(+40	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)	1338-1050-330(+40)
Unit	Weight	kg	70	116	123	116	125	118	131
	Air Volume	Cooling m³/mir	55	110	110	120	120	120	120
		Heating m³/mir	55	110	110	120	120	120	120
	Sound Level (SPL)	Cooling dB(A)	47	49	49	50	50	50	50
		Heating dB(A)	48	51	51	52	52	52	52
	Sound Level (PWL)	Cooling dB(A)	67	69	69	70	70	70	70
	Operating Current(Max)	A	19	26.5	8	26.5	9.5	28	13
	Breaker Size	A	25	32	16	32	16	40	16
Ext.Pipin	Diameter(*5)	Liquid/Gas mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max.Length	Out-In m	50	75	75	75	75	75	75
	Max.Height	Out-In m	30	30	30	30	30	30	30
Guarante	ed Operating Range (Outdoor)	Cooling(*3) °C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating °C	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant cricuit yourself or disassemble the proteyt yourself and always ask a professional. The GWP of R410A is 2088 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.



















































Туре						Inverter l	leat Pump		
ndoor Un	it			PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA
Outdoor L	Init			PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA	PUHZ-P140VKA	PUHZ-P140YKA
efrigerar							10A		
ower	Source						ower supply		
upply	Outdoor(V/Phase/Hz)						, YKA:400/Three/50		
ooling	Capacity	Rated	kW	9.4	9.4	12.1	12.1	13.6	13.6
		Min-Max	kW	3.7 - 10.6	3.7 - 10.6	5.6 - 13.0	5.6 - 13.0	5.8 - 13.7	5.8 - 13.7
	Total Input	Rated	kW	3.122	3.122	5.020	5.020	6.384	6.384
	EER			3.01	3.01	2.41	2.41	2.13	2.13
	Design load		kW	9.4	9.4	-	-		
	Annual electricity consump	otion(*2)	kWh/a	644	644	-	-	_	_
	SEER(*4)			5.1	5.1	-	-	_	_
		Energy efficiency class		A	A	_	_	_	_
eating	Capacity	Rated	kW	11.2	11.2	13.5	13.5	15.0	15.0
3	11	Min-Max	kW	2.8 - 12.5	2.8 - 12.5	4.8 - 15.0	4.8 - 15.0	4.9 - 15.8	4.9 - 15.8
	Total Input	Rated	kW	3.284	3.284	4.804	4.804	4.823	4.823
	COP	1		3.41	3.41	2.81	2.81	3.11	3.11
	Design load		kW	8.0	8.0	_	-	_	_
	Declared Capacity	at reference design temperature	kW	6.0 (-10°C)	6.0 (-10°C)	_	-	_	_
	,	at bivalent temperature	kW	7.0 (-7°C)	7.0 (-7°C)	_	_	_	_
		at operation limit temperature	kW	4.5 (-15°C)	4.5 (-15°C)	_	-	_	_
	Back up heating capacity		kW	2.0	2.0	_	-	_	_
	Annual electricity consump	otion(*2)	kWh/a	2797	2797	_	-	_	_
	SCOP(*4)		-	4.0	4.0	_	_	_	_
		Energy efficiency class		A+	A+	_	-	_	_
perating	g Current(Max)	,	Α	20.7	12.2	27.2	12.2	30.7	12.2
door	Input [cooling / Heating]	Rated	kW	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11	0.11 / 0.11
nit	Operating Current(Max)		Α	0.71	0.71	0.73	0.73	0.73	0.73
	Dimensions	H*W*D	mm	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360	1900-600-360
	Weight	•	kg	46	46	46	46	48	48
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	25-28-30	25-28-30	25-28-31	25-28-31	25-28-31	25-28-31
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	dB(A)	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51	45-49-51
	Sound Level (PWL)		dB(A)	65	65	66	66	66	66
utdoor		H*W*D	mm	981-1050-330	981-1050-330	981-1050-330	981-1050-330	981-1050-330	981-1050-330
nit	Weight		kg	76	78	84	85	84	85
	Air Volume	Cooling	m³/min	79	79	86	86	86	86
		Heating	m³/min	79	79	92	92	92	92
	Sound Level (SPL)	Cooling	dB(A)	51	51	54	54	56	56
		Heating	dB(A)	54	54	56	56	57	57
	Sound Level (PWL)	Cooling	dB(A)	70	70	72	72	75	75
	Operating Current(Max)		A	20	11.5	26.5	11.5	30	11.5
	Breaker Size		А	32	16	32	16	40	16
xt.Pipin	g Diameter(*5) Liquid/Gas mr		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	30	30	30	30	30	30
uarante	ed Operating Range (Outdoor)	Cooling(*3)	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
	= = -	Heating	°C	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21

^{*1} Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with given GWP, equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R410A is 2088 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than –5°C.

*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

Heating