

Mr.SLIM P series & S series

# New Pseries & Sseries



- Do not install indoor units in areas (e.g. mobile phone base stations) where the emission of VOCs such as phthalate compounds and formaldehyde is known to be high as this may result in a chemical reaction.
- Our air-conditioning equipments and heat pumps contain a fluorinated greenhouse gas, R410A (GWP: 2088) or R32 (GWP: 675). \*These GWP values are based on Regulation (EU) No.517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP: 1975), R32 (GWP: 550)
- When installing or relocating or servicing our air-conditioning equipment, use only the specified refrigerant (R410A or R32) to charge the refrigerant lines.
- Do not mix it with any other refrigerant and do not allow air to remain in the lines.
- If air is mixed with the refrigerant, then it can be the cause of abnormal high pressure in the refrigerant lines, and may result in an explosion and other hazards.
- The use of any refrigerant other than that specified for the system will cause mechanical failure, system malfunction or unit breakdown. In the worst case, this could lead to a serious impediment to securing product safety.

### MITSUBISHI ELECTRIC CORPORATION

HEAD OFFICE: TOKYO BUILDING, 2-7-3 MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN http://Global.MitsubishiElectric.com/



Changes for the Better





## **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.



## **R410A INDOOR UNIT** 4-way ceiling-cassette PLA-ZM EA PLA-M EA Wall-mounted PKA-M LA(L) PKA-M KA(L) Ceiling-concealed PEAD-M Floor-standing PSA-M Ceiling-suspended PCA-M Ceiling-conce PEA-M Professional Kitchen PCA-M HA

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

### SELECT COMBINATION



Connectable Combinations for Inverter Units

		Indoor Unit Capacity				
Outdoor Unit Capacity	Twin	Triple	Quadruple			
	50 : 50	33 : 33 : 33	25:25:25:25			
71	35 × 2	_	_			
100	50 × 2	_	-			
125	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.

	<b>R32</b> OUTDOOR UN	IT
	Power Inverter	Standard Inverter
ed L)	PUZ-ZM35/50	SUZ-M35
L)		SUZ-M50
	P02-2m60//1	SUZ-M60/71
	PUZ-ZM100/125/140/ 200/250	PUZ-M100/125/140
		PUZ-M200/250

\* Some indoor units cannot be used with this unit.



\* Some indoor units cannot be used with this unit.

# Choose the installation pattern for the indoor units. (In the case of a multi-system, distribution piping is necessary, so please select the necessary piping as well.) Quadruple Realises the optimum temperatur distribution even in a large space. Triple Can cover a large-scale space or dispersed installation on the same floor.

# **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.



PUHZ-ZRP

PU7-7M





**R32** 



PUZ-ZM200/250YKA2

PUZ-ZM35/50VKA2

Outdoor unit

ength

(200/250)

#### Industry-leading energy efficiency



Introduction of new R32 refrigerant reduces energy consumption and re-

alises energy savings.

SEER SEER 6.1 A++ SEER 35V 50V 60V 71V 100V 100Y

#### 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.



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



#### 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	Collect model names and S/N
display	0 OU PUZ-ZM200YKA2
(example)	IU1 PLA-ZM50EA2
-	IU2 PLA-ZM50EA2
	IU3 PLA-ZM50EA2
	IU4 PLA-ZM50EA2
	Collect data: 🗸
	-Address + S/N
Sorial number	Collect model names and S/N
•Serial number	Collect model names and S/N
<ul> <li>Serial number display</li> </ul>	Collect model names and S/N OU 1ZU00001
<ul> <li>Serial number display (example)</li> </ul>	Collect model names and S/N 0 OU 1ZU00001 IU1 1ZA00001
<ul> <li>Serial number display (example)</li> </ul>	Collect model names and S/N Ø OU 1ZU00001 IU1 1ZA00001 IU2 1ZA00002
•Serial number display (example)	Collect model names and S/N Ø OU 1ZU00001 IU1 1ZA00001 IU2 1ZA00002 IU3 1ZA00003
•Serial number display (example)	Collect model names and S/N © OU 1ZU00001 IU1 1ZA00001 IU2 1ZA00002 IU3 1ZA00003 IU4 1ZA00004
•Serial number display (example)	Collect model names and S/N 0 0U 1ZU00001 IU1 1ZA00001 IU2 1ZA00002 IU3 1ZA00003 IU4 1ZA00004 Collect data: ✓

#### 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 hist	ory (Sample)		<ul> <li>Preliminary error history (Sample)</li> </ul>
	Error history	1/4	Preliminary error hist. 1/8
Error	Unt# dd/mm/yy		Error Unt# dd/mm/yy
E0	0-1 21/10/20	PM12:34	E0 0-1 21/10/20 PM12:34
E0	0-1 20/12/20	AM 1:23	E0 0-1 20/12/20 AM 1:23
E0	0-1 20/11/20	PM10:55	E0 0-1 20/11/20 PM10:55
E0	0-1 20/10/20	PM12:01	E0 0-1 20/10/20 PM12:01
Error hi	istory menu: 🔊		Error history menu: 🔊
🛛 💙 🛛 Pag	je 🔺	Delete	🛛 🗸 🔪 🔍 Delete

#### 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 controlle

< 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.

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

View daily data:✔

Energy data

123456.7kWh 1/3

123456.7kWh

123456.7kWh

123456.7kWh

123456.7kWh

Every 30 minutes (example)	Daily (example)	Monthly (example				
Energy data	Energy data	Energy				
2019— 1— <b>1</b> 1234.5kWh 1/6	2019-1 123456.7kWh 1/4	▶2019-1 1				
0:30 123.4kWh 2:30 123.4kWh	31 1234. 5kWh   27 1234. 5kWh	2018-12 1				
1:00 123.4kWh 3:00 123.4kWh	30 1234.5kWh 26 1234.5kWh	2018-11 1				
1:30 123.4kWh 3:30 123.4kWh	29 1234.5kWh 25 1234.5kWh	2018-10 1				
2:00 123.4kWh 4:00 123.4kWh	28 1234. 5kWh   24 1234. 5kWh	2018-9 1				
Return : 🔊	Return: 🕲	View daily data				
🛛 — Date 🕂 🚺 🔻 Page 🔺	🛛 🔻 Page 🔺	🛛 🔻 Cursor 🔺				

#### Improved defrosting performance\*

#### 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



#### 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.

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#### When All Sets Are Controlled Together



#### 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.

#### M-NET adapter mounting position **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.



#### 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			Maximum piping length	Chargeless piping length
PUZ-ZM 100V (Y)KA	100m	30m	$\rightarrow$	PUZ-ZM 100V (Y)KA2	100m	40m
PUZ-ZM 125V (Y)KA	100m	30m	$\rightarrow$	PUZ-ZM 125V (Y)KA2	100m	40m
PUZ-ZM 140V (Y)KA	100m	30m	-	PUZ-ZM 140V (Y)KA2	100m	40m

#### Utilizing IoT for Improved Convenience\*

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.



#### **MELCloud System Configuration**



#### **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





connector

\*Availability of IoT functions are depending on MELCloud version

#### Wi-Fi Adapter (Optional) Installation

• 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.

# R32 **R32**



SUZ-M35VA

SUZ-M50VA

#### SUZ-M60/71VA

#### Improved energy efficiency

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



\*Specifications are figures when PLA-RP/M is connected.

#### 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













PUZ-M100/125/140V(Y)KA2 PUZ-M200/250YKA2

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

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





#### SUZ-M50VA





#### PUZ-M140YKA2





#### 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\*

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

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#### Extended cooling set temperature range\*

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#### 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.

<ul> <li>Model name display (example)</li> </ul>	Collect model names and S/N OU PUZ-ZM200YKA2 IU1 PLA-ZM50EA2 IU2 PLA-ZM50EA2 IU3 PLA-ZM50EA2 IU4 PLA-ZM50EA2 Collect data: ✓ — Address + S/N
<ul> <li>Serial number display (example)</li> </ul>	Collect model names and S/N           Image: Out 12U00001           IU1 12A00001           IU2 12A00002           IU3 12A00003           IU4 12A00004           Collect data: ✓           —Address +           Model

#### Preliminary error history\*

Error history menu: 🔊

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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 hist Error history 1/4 Preliminary e Error Unt# dd/mm/yy Error Unt# dd, E0 0-1 21/10/20 PM12:34 E0 0-1 21, 0-1 20/12/20 AM 1:23 FЙ E0 0-1 20 0-1 20/11/20 PM10:55 E0 E0 0-1 20, E0 0-1 20/10/20 PM12:01 E0 0-1 20,

Delete

# 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 controlle < Data Collection Period >

Error history mer

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

●Every 30 minutes (e	●Da	ily (example)				Monthly (example)					
Energy		Energ	gy data	à		Energy data					
2019- 1-1	1234.5kWh 1/6	201	19— 1	123456	.7kWh 1/4		▶2019- 1	123456.7kWh	1/3		
0:30 123.4kWh	2:30 123.4kWh	31	l 1234. 5kWh	27	1234. 5kWh		2018-12	123456.7kWh			
1:00 123.4kWh	3:00 123.4kWh	- 36	) 1234. 5kWh	26	1234. 5kWh		2018-11	123456.7kWh			
1:30 123.4kWh	3:30 123.4kWh	- 29	) 1234. 5kWh	25	1234. 5kWh		2018-10	123456.7kWh			
2:00 123.4kWh	4:00 123.4kWh	- 28	3 1234.5kWh	24	1234.5kWh		2018- 9	123456.7kWh			
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#### Improved defrosting performance\*

#### 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

Α	Heating	Defrosting	Heating		
B	Heating		Defrosting	Heating	
	Heating			Defrosting	Heating
	Heating				Defrosting

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		201	איי	,

rror h	ist.	1/8
/mm/yy		
/10/20	PM1:	2:34
/12/20	AM	1:23
/11/20	PM1	0:55
/10/20	PM1:	2:01
ານະອ		
	De	lete

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

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

Heatir

Ensuring defrosting is only performed by one unit at a time allows you to minimize decreases in room temperature!



#### Utilizing IoT for Improved Convenience\*





#### **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.

**O**Wireless LAN adapter and router connection settings

**O**Wireless LAN adapter and server connection settings

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[Abnormalities That Have Their Signs Monitored] ●Filter blockage ●Drain blockage ●Refrigerant leakage •Heat exchanger blockage etc...





tion of "3D total flow" and the "3D i-see Sensor" enhances airflow distribution control, achieving an enhanced level of comfort throughout the room. The synergy of higher energy efficiency and more comfortable room environment results in the utmost user satisfaction.

#### **Deluxe 4-way Cassette Line-up**





#### 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**

[Horizontal airflow]

Ceiling height: 3.2m

Mode: Cooling

Model name: PLA-ZM140EA2

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 Controlle



### **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.



#### 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.



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

Control box cover

of losing screws.

Corner panel

Wireless Remote Controlle



#### 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** *i-see Sensor* for S & P SERIES

#### Detects number of people

Temporary hanging hook

The structure of the panel has been revised

and is now equipped with a temporary hang-

ing hook. This has improved work efficiency

during panel installation.

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



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 airconditioning 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.

#### 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



#### **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)





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#### 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

#### 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.





#### 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.





There are some areas that cannot receive air through vertical airflow control.



pleasant breeze throughout the room.



#### 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.





#### 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.



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



#### 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.





#### PLA-ZM EA2 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
Pow	Power Inverter (PUZ-ZM)		50x1	60x1	71x1	100x1	125x1	140x1	-	-	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	MSDD-50TR2-E		MS 50W	DD- /R2-E	- MSDT-111R3-E			E MSDF- 1111R2-E			



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

										Outd	oor U	nit Cap	pacity								
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	ard 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	MS 50W	DD- /R2-E	MSE	DT-111	R3-E	MS 1111	SDF- 1R2-E

PLA-ZM SERIES

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#### AUTO VANE Restartease High-editorry Long Life Checkl State Checkle Low Temp Cooling Ampere Limit Back-up Control C Silent

Туре							Inve	erter Heat Pu	mp				
Indoor Uni	t			PLA-ZM35EA2	PLA-ZM50EA2	PLA-ZM60EA2	PLA-ZM71EA2	PLA-ZM100EA2	PLA-ZM100EA2	PLA-ZM125EA2	PLA-ZM125EA2	PLA-ZM140EA2	PLA-ZM140EA2
Outdoor U	nit			PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2	PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	PUZ-ZM140VKA2	PUZ-ZM140YKA
Refrigeran	t (*1)				•		R	32					
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 - 6.5	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			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	-	-	-	-
	Annual electricity consum	ption (*2)	kWh/a	168	230	296	327	431	442	-	-	-	-
	SEER (*4)			7.5	7.6	7.2	7.6	7.7	7.5	-	-	-	-
		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	0.820	1.363	1.707	1.818	2.604	2.604	3.674	3.674	4.312	4.312
	COP			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	4.4	4.7	7.8	7.8	-	-	-	-
	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)	-	-	-	-
		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 consum	ption (*2)	kWh/a	744	1086	1339	1371	2271	2272	-	-	-	-
	SCOP (*4)			4.7	4.9	4.6	4.8	4.8	4.8	-	-	-	-
		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	27.0	9.5	30.7	12.5
Indoor	Input [cooling / Heating ]	Rated	kW	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	0.10/0.10	0.10/0.10
Unit	Operating Current(Max)		A	0.21	0.22	0.22	0.34	0.47	0.47	0.52	0.52	0.66	0.66
	Dimensions	H*W*D	mm	258-84	40-840 <40-950	0-950>			298-84	10-840 <40-950	0-950>		
	Weight		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)		m3/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) (	(SPL)	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
<u> </u>	Sound Level (PWL)	110100	dB(A)	51	54	54	5/	61	61	62	62	65	65
Outdoor	Dimensions	H-W-D	mm	630-809-300	630-809-300	943-950-330(+25)	943-990-330(+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	vveight	Cooling	Kg	46	46	67	6/	105	110	105	114	105	118
	Air volume	Cooling	m3/min	45	45	55	55	110	110	120	120	120	120
	Committee (CDL)	Reating	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
	Comment (DM(L))	Reating	dB(A)	46	46	49	49	51	51	52	52	52	52
	Sound Level (PVVL)	Cooling	dB(A)	65	65	6/	6/	69	69	70	70	70	70
	Derating Current(IVIAX)		A	13	13	19	19	20	8 10	20.5	10	30	11.8
East Diss's a	Diemeter Size	Liquid/Coo	A	6.05/10.7	10	20	20	32	10	32	10	40	10
EXCPIPING	Max Langth	Cut la	11111	0.35/12./	0.35/12./	9.02/15.88	9.02/15.88	3.52 / 15.88	3.52/15.88	3.52/15.88	3.52/15.88	3.52/15.88	3.52/15.88
	Iviax.Length	Out In	10	50	50	20	20	100	100	100	100	100	100
Cuerert		Casling(*3)	10	30	30	30	30	30	30	30	30	30	30
Guarantee	ed Operating Range(Outdoor)	Looling: 57	C In	-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. 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 diassemble the product vourself and always ask a professional. The GWP f32 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.

#### Gener Sensor Demand White AUTO VANE Sensor Demand Long Life Long Life Sensor Check Long Life Sensor Colling PLA-M SERIES Ampere Rotation Back-up Control Contro Silent STANDARD INVERTER

туре								Inverter	Heat Pump					(
Indoor Unit					PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	PLA-M100EA2	PLA-M100EA2	PLA-M125EA2	PLA-M125EA2	PLA-M140EA2	PLA-M140EA2
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 pr	wer supply				
Supply	Outdoor()	/Phase/Hz)						VA.V/K	A-230/Single/F		bree/50		-	-
Cooling	Canacit	/	Bated	KW/	3.6	5.5	61	7 1	9.200/0ingic/0	9.5	12.1	12.1	13.4	13.4
cooling	Gapacit		Min Max	L/M/	00.00	12 56	16.62	22.01	4.0 10.6	4.0 10.6	5 9 12 0	59 120	59 14 1	5 0 1/1
	Tetal In		Reted	LAAZ	0.000	1.617	1.040	1.010	0.714	2 714	4.010	4.010	4.062	4.062
		Jui	naleu	KVV	0.900	1.017	1.040	1.910	2.714	2.714	4.019	4.019	4.902	4.902
	EER			1	4.00	3.40	3.30	3.70	3.50	3.50	3.01	3.01	2.70	2.70
	Design	oad	(17)	KVV	3.6	5.5	6.1	7.1	9.5	9.5	-	-	-	-
	Annual	electricity consumption	n (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 In	out	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 I	oad		kW	2.6	4.3	4.6	5.8	8.0	8.0	-	-	-	-
	Declare	d 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 consumption	n (*2)	k\//h/a	774	1458	1459	1798	2406	2406	-	-	-	-
	SCOR (*4		•	ice en que	4.7	4.1	1.00	4.5	1.6	1.6	-	-	-	-
	JUCF		Energy officiency close		4.7	4.1	4.4	4.5	4.0	4.0				
Oneseting	Current/Max		Energy eniciency class	10	A++	A+	A+	A+	A++ 20.5	A++	27.2	10.0	20.7	10.0
Operating	current(ivia	K)	Data d	A	0.7	13.7	15.0	15.1	20.5	12	27.2	12.2	30.7	12.2
Indoor	Input [COOI	ing / Heating j	Rated	KVV	0.03/0.03	0.03/0.03	0.03/0.03	0.04/0.04	0.0770.07	0.0770.07	0.10/0.10	0.10/0.10	0.10/0.10	0.10/0.10
Unit	Operating	Current(Iviax)		A	0.20	0.22	0.24	0.27	0.46	0.46	0.00	0.66	0.00	0.00
	Dimension	5	H-W-D	mm	10 5	200-040-040	<40-950-9502	> 	04.5		290-040-040	<40-950-950>	00 F	00 5
	Weight	0		kg	19 <5>	19 <5>	21 <5>	21 <5>	24 <5>	24 <5>	26 <5>	26 <5>	26 <5>	26 <5>
	Air Volum	e (Lo-IVII2-IVII1-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 Lev	el (Lo-Mi2-Mi1-Hi) (SPI	L)	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 Lev	el (PWL)		dB(A)	51	54	54	56	61	61	65	65	65	65
Outdoor	Dimension	IS	H*W*D	mm	550-800-285	/14-800-285	880-840-330	880-840-330	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
Unit	weight			кд	35	41	54	55	/6	/8	84	85	84	65
	Air Volum	e	Cooling	m3/min	34.3	45.8	50.1	50.1	/9	/9	86	86	86	86
			Heating	m3/min	32.7	43.7	50.1	50.1	79	79	92	92	92	92
	Sound Lev	el (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 Lev	el (PWL)	Cooling	dB(A)	59	64	65	66	70	70	72	72	73	73
	Operating	Current(Max)		A	8.5	13.5	14.8	14.8	20	11.5	26.5	11.5	30	11.5
	Breaker Si	ze		A	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.Lengt	h	Out-In	m	20	30	30	30	55	55	65	65	65	65
	Max.Heigh	ıt	Out-In	m	12	30	30	30	30	30	30	30	30	30
Guarantee	Operating	Range(Outdoor)	Cooling <sup>(*3)</sup>	°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
				. ~										

\*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 cruit 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 -6°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.

		<i>i-see</i> Demand Pure Sensor Control White	e te∢		High official		Chooki	High Ceilin	Low Ceiling	<b>OTUA</b>		¢O 7	Low Temp
	м	Optional Optional		Hears	Optional		Check:					Auto He	start
rla-	V SERIES	60-140V/200/250						$\sim$ –					
DOWED II	WEDTED	C Ampere Rota	ition	Gro	up, M-NE	Г СОМРО	Wi-Fi)	ming ine Wiri	ng Drain	Pump	Flare	毛 🔤 Failu	re
TONEN	WENTER	Silent C Limit Back	(-up)		Connection		Interface	Reu Reu	se Lin Up	Down		lagnosis ReCa	1
		Ope	014	Optonal	Optional		Optional	0,00	ne				
Туре							Inve	erter Heat Pu	mp				
Indoor Unit				PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	PLA-M100EA2	PLA-M100EA2	PLA-M125EA2	PLA-M125EA2	PLA-M140EA2	PLA-M140EA2
Outdoor Ur	iit			PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2	PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	PUZ-ZM140VKA2	PUZ-ZM140YKA2
Refrigerant	*1)							R	32				
Power	Source							Outdoor po	wer supply				
Supply	Outdoor(V/Phase/Hz)						VKA · V	HA:230/Single/	/50, YKA:400/T	hree/50	10.5		10.1
	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	kVV	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
	Iotal Input	Rated	kVV	0.751	1.1/5	1.523	1./16	2.209	2.209	3.396	3.396	3.746	3.746
Cooling	EEK		1114/	4.79	4.25	4.00	4.14	4.30	4.30	3.68	3.68	3.58	3.58
-	Design load	4: (*2)	KVV	3.6	5.0	6.1 201	/.1	9.5	9.5	-	-	-	-
	CEED(*4)	tion	kvvn/a	7.2	234	301	330	437	448	-	-		-
	SEEN *	Energy officiency class		7.3	7.4	7.1	7.4	7.0	7.4	-	-		_
	Capacity	Rated	L/V/	ATT // 1	60	70	8 0	11.2	11.2	14.0	14.0	16.0	16.0
	Capacity	Min-Max	kw	16-52	25.73	28-82	35-102	15-14.0	11.2	50-160	50-160	57-180	57-180
	Total Input	Bated	kW	0.890	1 581	1 863	2 014	2 685	2 685	3 773	3 773	4 365	4 365
	COP	nated	KVV.	4.61	3.79	3.76	3.97	4.17	4 17	3.71	3.71	3.67	3.67
	Design load		kW	2.5	3.8	4.4	4.7	7.8	7.8	-	-	-	-
Heating	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)	2 colar ou oupuolity	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	1	kW	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
	Annual electricity consump	tion <sup>(*2)</sup>	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)		A	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)		A	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-IVIId-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-IVIId-HI) (SFL	1		51	54	54	20-30-32-34	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(+40)
	Weight		ka	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
Unit		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)		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
	Diameter <sup>(*5)</sup>	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 / 15.88
Ext.Piping	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
Guarantee	d Operating Range(Outdoor)	Cooling <sup>(*3)</sup>	°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. 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 SCCP 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.

	SERIES SELECTION
Power Inverter Series	Pure Minte Inverter I and Inverter I
Indoor Unit	Outdoor Unit
R32	R410A
R410A PLA-ZM35/50/60/71/100/125/140EA2	For Single
Panel	PUHZ-ZRP35/50 PUHZ-ZRP60/71 PUHZ-ZRP100/125/140
Panel With With With With Signal 3D i-see Remote Controller Elevation	R410A
PLP-6EA	
PLP-6EAE	
PLP-6EALE 🗸 🗸	For Multi
PLP-6EAJ V	(Twin/Triple/Quadruple)
PLP-6EALM2	
PLP-6EALME2 🗸 🖌 🖌	PUHZ-ZRP71 PUHZ-ZRP100/125/140/200/250
Remote Controller	Coptional     Optional     Coptional     Coptional     Coptional     Coptional     Coptional     Coptional

#### PLA-ZM EA2 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 I	Inverter (PUHZ-ZRP)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	35x2	50x2	60×2	71x2	100×2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	Ν	/ISDD-	50TR-	E	MS 50W	DD- /R-E	MS	DT-111	1 R-Е	MS	DF- 1R-E



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

										Outd	oor U	nit Cap	pacity								
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 & PUHZ-P)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	-	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	MS	DD-50	TR-E	MSDD-	50WR-E	MS	DT-111	R-E	MSDF-	1111R-E



		Fsee Demand Pur	있				→ Sv	High	Low	AUTO		<b>≥</b> 0 77	Low Temp
	714	Sensor Control	te y	VAINE Fresh-a	High-efficien	cy Long Life	Check!		Centing 7			ACO Auto Re	start
<b>ΡΙΔ</b> -		60-1401/200/250											
	JERIEJ	C Ampere Rota	ation	- Gro			Wi-Fip)	wiri	ng Drain	Pump	Flare	🦨 🖌 Failu	re
PUWERI	NVERIER	Silent Limit Bacl	k-up	boo Cor	trol connection	COMPO	Interface	Reu Reu	se Lift Up	Down	connection	Self Reca	
		Ops	onal	Optional	Optional		Optional	Optic	nal				
Type							Inv	erter Heat Pu	mp				
Indoor Unit				PLA-7M35EA2	PLA-ZM50EA2	PLA-ZM60EA2	PLA-7M71FA2	PLA-7M100FA2	PLA-7M100EA2	PLA-7M125EA2	PLA-7M125EA2	PI A-7M140EA2	PLA-7M140EA2
Outdoor Ur	nit			PUH7-7RP35VKA2	PUH7-7RP50VKA2	PUH7-7RP60VHA2	PUH7-7RP71VHA2	PUH7-7RP100VKA3	PUH7-7RP100YKA3	PUH7-7RP125VKA3	3 PUHZ-7RP125YKA2	PUH7-7RP140VKA3	PUH7-7RP140YKA3
Refrigerant	(*1)						R4	10A			1		
Power	Source						Outdoor po	ower supply					
Supply	Outdoor(V/Phase/Hz)					VKA-VI	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 - 6.5	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	0.782	1.330	1.660	1.790	2.200	2.200	3.846	3.846	4.364	4.364
	EER			4.60	3.75	3.66	3.95	4.32	4.32	3.25	3.25	3.07	3.07
	Design load		kW	3.6	5.0	6.1	7.1	9.5	9.5	-	-	-	-
	Annual electricity consump	tion (*2)	kWh/a	170	253	318	335	461	472	-	-	-	-
	SEER <sup>(*4)</sup>			7.4	6.9	6.7	7.4	7.2	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	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	0.850	1.550	1.890	1.900	2.600	2.600	3.674	3.674	4.848	4.848
	COP			4.82	3.85	3.70	4.20	4.31	4.31	3.81	3.81	3.30	3.30
	Design load		kW	2.5	3.8	4.4	4.7	7.8	7.8	-	-	-	-
	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)	-	-	-	-
		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)	3.5 (-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	713	1108	1335	1337	2223	2224	-	-	-	-
	SCOP <sup>(*4)</sup>			4.9	4.8	4.6	4.9	4.9	4.9	-	-	-	-
		Energy efficiency class		A++	A++	A++	A++	A++	A++	-	-	-	-
Operating	Current(Max)		A	13.2	13.2	19.2	19.3	27.0	8.5	27.0	10.0	28.7	13.7
Indoor	Input [cooling / Heating ]	Rated	kW	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	0.10/0.10	0.10/0.10
Unit	Operating Current(Max)	11414/80	A	0.21	0.22	0.22	0.34	0.47	0.47	0.52	0.52	0.66	0.66
	Dimensions	H*W*D	mm	258-84	0-840 <40-950	-950>			298-84	0-840 <40-950	)-950>		
	Air Volume (Lo Mi2 Mi1 Hi)		Kg m2/min	21 <5>	21 <5>	21 <5>	24 <5>	26 <5>	26 <5>	26 <5>	26 <5>	26 <5>	26 <5>
	Air Volume (LO-IVII2-IVIII-FII)	2DL)	dR(A)	11-13-15-16	12-14-10-18	12-14-10-18	17-19-21-23	19-22-25-28	19-22-25-28	21-24-20-29	21-24-20-29	24-20-29-32	24-26-29-32
	Sound Level (PWL)	51 L/	dB(A)	51	54	54	20-30-33-30	61	61	62	62	65	50-59-42-44 65
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)
Unit	Weight		ka	43	46	70	70	116	123	116	125	118	131
onic	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	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)		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
Ext.Piping	Diameter <sup>(*5)</sup>	Liquid/Gas	lmm	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
ping	Max.Length	Out-In	m	50	50	50	50	75	75	75	75	75	75
	Max.Height	Out-In	lm	30	30	30	30	30	30	30	30	30	30
Guarantee	d Operating Range(Outdoor)	Cooling <sup>(*3)</sup>	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
	,	Heating	loc	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21

Installing in the impact of the impact of

		PUHZ		_									
		<i>isee</i> Demand Pure Sensor Control White	AUTO VANE	Fresh air Istake	inheficiency			High Ceiling	Low Ceiling	<b>S</b> AUTO			Low Temp Cooling
	M	Optional Optional			Optional							Autorites	
r LA-	V SERIES	PUHZ PUHZ	PUHZ	SUZ	_	PUHZ			PUHZ	_	PUHZ		
STANDAR	RD INVERTER	Silent Back-up	Group	Group	VI-NET c	OMPO Wi	-Fin MXZ	Cleaning-free,	Wiring	Drain		nection	Self Recall
		Optional Optional	Control	Optional	Optional		pional		Optional	Lint op	Bowin	Diagno	Asis
Туре							Inverter	Heat Pump					
Indoor Unit				PLA-M35EA2	PLA-M50EA	2 PLA-M60EA	2 PLA-M71EA2	PLA-M100EA2	PLA-M100EA	2 PLA-M125EA	2 PLA-M125EA	2 PLA-M140EA2	PLA-M140EA2
Outdoor Un	nit			SUZ-KA35VA6	SUZ-KA50VA	6 SUZ-KA60V	A6 SUZ-KA71VA6	PUHZ-P100VKA	PUHZ-P100YK	A PUHZ-P125Vk	A PUHZ-P125YK	A PUHZ-P140VKA	V PUHZ-P140YKA
Refrigerant <sup>(</sup>	(*1)							R4	10A				
Power	Source							Outdoor p	ower supply				
Supply	Outdoor(V/Phase/Hz)						VA·VK	A:230/Single/	50, YKA:400/	/Three/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
		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			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	/.1	9.4	9.4	-		-	-
	Annual electricity consump	tion <sup>121</sup>	kWh/a	181	296	306	400	537	537	-		-	-
	SEER(*4)	<b>T</b>		6.9	6.5	6.5	6.2	6.1	6.1	-		-	-
li e e time	Conneitu	Energy efficiency class	1.3.67	A++	A++	A++	A++	A++	A++	- 10.5	-	-	- 15.0
пеацінд	Capacity	Min Max	KVV k\A/	4.1	1772	0.9	8.0	2.0.12.5	2.0.12.5	13.5	13.5	10.0	10.0
	Tatal Innut	IVIII-IVIdX Detect	KVV LAA/	1.7-5.0	1.7 - 7.2	2.5 - 8.0	2.0 - 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
	COR	haleu	KVV	1.000	1.090	1.970	2.247	3.205	3.205	3.640	3.040	4.072	4.072
	Design land		1.3.67	4.10	3.43	3.50	3.00	3.43	3.43	3.51	3.51	3.21	3.21
	Design load	at reference design termerature	KVV LAA/	2.0	4.3	4.0	) 47/10°C)	0.U	0.0				-
	Declared Capacity	at reference design temperature	KVV k\A/	2.3 (-10 C)	3.0 (-10 C	4.0 (-10 C	) 4.7 (-10 C)	7.0 (-10 C)	0.0 (-10 C)				-
		at protection limit tomporature	L/A/	2.3 (-7 C)	2.0 (-7 C)	4.1(-7 C	) <u>47(10°C)</u>	7.0 (-7 C)	7.0 (-7 C)		+	+	
	Back up heating capacity	at operation innit temperature	KVV KVV	0.3	0.5	1 4.0 (-10 C	1 1	2.0	2.0				
	Annual electricity consumn	tion (*2)	k\N/b/a	926	1/00	1/02	1000	2422	2422	-			_
	SCOP(*4)		Kvviija	020	1433	1433	1000	2455	2433				
	0001	Energy efficiency class		A+	Δ+	4.0 A+	4.5 A+	A++	A++		-	-	
Onerating	Current(Max)	Energy enterency enabe	Δ	8.4	12.2	14.2	16.4	20.5	12.0	27.2	12.2	30.7	12.2
Indoor	Input (cooling / Heating )	Bated	kW	0.03/0.03	0.03/0.03	3 0.03/0.0	3 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)		A	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		258-840-84	) <40-950-95	0>		0.10	298-840-84	0 < 40-950-950	>	
	Weight	-	kg	19 <5>	19 <5>	21 <5>	21 <5>	24 <5>	24 <5>	26 <5>	26 <5>	26 <5>	26 <5>
	Air Volume (Lo-Mi2-Mi1-Hi)		m3/min	11-13-15-16	12-14-16-1	8 12-14-16-1	18 14-17-19-21	19-23-26-29	19-23-26-29	9 21-25-28-3	1 21-25-28-31	24-26-29-32	24-26-29-32
	Sound Level (Lo-Mi2-Mi1-Hi) (	(SPL)	dB(A)	26-28-29-31	27-29-31-3	2 27-29-31-3	32 28-30-32-34	31-34-37-40	31-34-37-40	0 33-37-41-4	4 33-37-41-44	1 36-39-42-44	36-39-42-44
	Sound Level (PWL)		dB(A)	51	54	54	56	61	61	65	65	65	65
Outdoor	Dimensions	H*W*D	mm	550-800-285	880-840-33	0 880-840-33	30 880-840-330	981-1050-330	981-1050-33	0 981-1050-33	30 981-1050-33	J 981-1050-330	981-1050-330
Unit	Weight		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
		Heating	m3/min	34.8	44.6	49.2	48.2	79	79	92	92	92	92
	Sound Level (SPL)	Cooling	dB(A)	49	52	55	55	51	51	54	54	56	56
		Heating	dB(A)	50	52	55	55	54	54	56	56	57	57
	Sound Level (PWL)	Cooling	dB(A)	62	65	65	69	70	70	72	72	75	75
	Operating Current(Max)		A	8.2	12	14	16.1	20	11.5	26.5	11.5	30	11.5
	Breaker Size		A	10	20	20	20	32	16	32	16	40	16
Ext.Piping	Diameter <sup>(*5)</sup>	Liquid/Gas	mm	6.35/9.52	6.35/12.	6.35 / 15.8	38 9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	8 9.52 / 15.8	8 9.52 / 15.88	3 9.52 / 15.88	9.52 / 15.88
	Max.Length	Out-In	m	20	30	30	30	50	50	50	50	50	50
-	Max.Height	Out-In	m	12	30	30	30	30	30	30	30	30	30
Guarantee	d Operating Range(Outdoor)	Cooling <sup>(*3)</sup>	°C	-10 ~ +46	-15 ~ +46	-15~+46	p -15 ~ +46	-15 ~ +46	-15 ~ +46	-15~+46	-15~+46	-15 ~ +46	-15 ~ +46
				~ ~ ~			01	1 4 5 6 5				1 4 5 6 5	

The mage can be applied to the activity of the set of

PLA-M SERIES

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Туре							Inve	rter Heat Pu	mp				
Indoor Uni	t			PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	PLA-M100EA2	PLA-M100EA2	PLA-M125EA2	PLA-M125EA2	PLA-M140EA2	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
Refrigeran	t <sup>(*1)</sup>							R4	10A				
Power	Source							Outdoor po	wer supply				
Supply	Outdoor(V/Phase/Hz)						VKA-V	HA:230/Single/	50, YKA:400/T	hree/50			
	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	0.833	1.416	1.747	1.868	2.230	2.230	3.869	3.869	4.393	4.393
o "	EER			4.32	3.53	3.49	3.80	4.26	4.26	3.23	3.23	3.05	3.05
Cooling	Design load		kW	3.6	5.0	6.1	7.1	9.5	9.5	-	-	-	-
	Annual electricity consump	tion <sup>(*2)</sup>	kWh/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	kW	4.1	6.0	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0
	11	Min-Max	kW	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	kW	0.920	1.810	2.070	2,110	2.690	2.690	3.773	3.773	4.907	4.907
	COP			4.46	3.31	3.38	3.79	4.16	4.16	3.71	3.71	3.26	3.26
	Design load		kW	2.5	3.8	4.4	4.7	7.8	7.8	-	-	-	-
Heating	Declared Capacity	lat 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)	3.5 (-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	tion <sup>(*2)</sup>	kWh/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+	-	-	-	-
Operating	Current(Max)	5, ,	А	13.2	13.2	19.2	19.3	27.0	8.5	27.2	10.2	28.7	13.7
	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)		A	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
	External Static Pressure		Pa	0	0	0	0	0	0	0	0	0	0
	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(+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)
	Weight		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
		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
Unit		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)		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 <sup>(*5)</sup>	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 / 15.88
Ext.Piping	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
Guarante	ed Operating Range(Outdoor)	Cooling <sup>(*3)</sup>	°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

Intervention of the second second

# PEAD **SERIES**



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.

#### **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.

PEAD-M JA2 Built-in drain pump PEAD-M JAL2 No drain pump

#### 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.





#### 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.





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

										Outd	oor Ui	nit Cap	pacity								
Indoor	Unit Combination				Fo	or Sing	jle						For	Twin			Fo	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 (PUZ-ZM)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	MSDD-50TR2-E MSDD- 50WR2-E MSDT-111R3-E MSD 1111R							DF- R2-E				

	SERIES SELECTION
Standard Inverter Series	Inverter Late bases Late ba
Indoor Unit	Outdoor Unit
R32 R410A	For Single
	SUZ-M35         SUZ-M50         SUZ-M60/71         PUZ-M100/125/140           (R32)         (110)<
PEAD-M35/50/60/71/100/125/140JA(L)2	For Multi (Twin/Triple/Quadruple)
	PUZ-M100/125/140 PUZ-M200/250
Remote Controller	25ac Optional Optional Optional* Optional*
	* PAR-SC9CA-E is also required.

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

										Outd	oor Ui	nit Cap	pacity								
Indoor	Unit Combination				Fo	or Sing	Jle						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
Standa	rd 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	MS 50W	DD- 'R2-E	MS	DT-111	R3-E	MS 1111	DF- R2-E

PEAD-M SERIES

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				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 Unit	it			PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2	PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	PUZ-ZM140VKA2	PUZ-ZM140YKA2
Refrigerant <sup>(*</sup>	*1)							R	32				
Power S	Source							Outdoor po	wer supply				
Supply C	Outdoor(V/Phase/Hz)						VKA-V	HA:230/Single/	50, YKA:400/Th	nree/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	0.837	1.190	1.487	1.775	2.261	2.261	3.333	3.333	3.701	3.701
	EER(*4)			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 consump	tion (*2)	kWh/a	199	273	342	393	499	510	-	-	-	-
	SEER <sup>(*4)(*5)</sup>			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 <sup>(*4)</sup>			4.50	4.40	4.40	4.20	4.40	4.40	3.72	3.72	3.90	3.90
Γ	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 consump	tion <sup>(*2)</sup>	kWh/a	816	1202	1459	1585	2469	2470	-	-	-	-
	SCOP(*4)(*5)			4.1	4.4	4.2	4.3	1.1	1.1	-	_	_	-
							1.0	7.7	7.7				
		Energy efficiency class		A+	A+	A+	A+	A+	A+	-	-	-	-
Operating C	Current(Max)	Energy efficiency class	A	A+ 14.2	A+ 14.4	A+ 20.9	A+ 20.9	A+ 22.3	A+ 10.3	- 28.8	- 11.3	- 32.6	- 14.4
Operating C Indoor II	Current(Max) Input [cooling / Heating ]	Energy efficiency class	A kW	A+ 14.2 0.05	A+ 14.4 0.07	A+ 20.9 0.08	A+ 20.9 0.09	A+ 22.3 0.14	A+ 10.3 0.14				
Operating C Indoor II Unit C	Current(Max) Input [cooling / Heating ] Operating Current(Max)	Energy efficiency class	A kW A	A+ 14.2 0.05 1.16	A+ 14.4 0.07 1.35	A+ 20.9 0.08 1.85	A+ 20.9 0.09 1.9	A+ 22.3 0.14 2.25	A+ 10.3 0.14 2.25		- 11.3 0.20 2.34		
Operating C Indoor II Unit C	Current(Max) Input [cooling / Heating ] Operating Current(Max) Dimensions	Energy efficiency class Rated H*W*D	A kW A mm	A+ 14.2 0.05 1.16 250×900×732	A+ 14.4 0.07 1.35 250×900×732	A+ 20.9 0.08 1.85 250×1100×732	A+ 20.9 0.09 1.9 250×1100×732	A+ 22.3 0.14 2.25 250×1400×732	A+ 10.3 0.14 2.25 250×1400×732	- 28.8 0.20 2.34 250×1400×732			- 14.4 0.21 2.63 250×1600×732
Operating C Indoor II Unit C V	Current(Max) Input [cooling / Heating ] Operating Current(Max) Dimensions Weight	Energy efficiency class Rated H*W*D	A kW A mm kg	A+ 14.2 0.05 1.16 250×900×732 25(24.5)	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5)	A+ 20.9 0.08 1.85 250×1100×732 29.5(29)	A+ 20.9 0.09 1.9 250×1100×732 29.5(29)	A+ 22.3 0.14 2.25 250×1400×732 37(36)	A+ 10.3 0.14 2.25 250×1400×732 37(36)	28.8 0.20 2.34 250×1400×732 38(37)			
Operating C Indoor II Unit C V	Current(Max) Input [cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi)	Energy efficiency class Rated H*W*D	A kW A mm kg m3/min	A+ 14.2 0.05 1.16 250×900×732 25(24.5) 10.0-12.0-14.0	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0	A+ 10.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0	28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0		32.6 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0	
Operating C Indoor II Unit C V A	Current(Max) Input (cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>(co)</sup>	Energy efficiency class Rated H*W*D	A kW A mm kg m3/min Pa	A+ 14.2 0.05 1.16 250×900×732 25(24.5) 10.0-12.0-14.0 35~50>~70> 25(20) 35~50>~70> 25(20) 35~50>~70> 25(20) 25(20	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0 -<100><150>	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0 40<50><70>	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 -<100>-<150>	A+ 10.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0	28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 <40>-50<70>		
Operating C Indoor II Unit C P P P P P P P P P P P P P P P P P P P	Current(Max) input (cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>379</sup> Sound Level (Lo-Mid-Hi) (SPL Generat 4-ur (MM1)	Energy efficiency class [Rated  H*W*D )	A kW A mm kg m3/min Pa dB(A)	A+ 14.2 0.05 1.16 250×900×732 25(24.5) 10.0-12.0-14.0 35-<50>-<70> 24-29-32 24-29-32 5-4	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0 -<100><150> 27-33-35 27-33-35	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0 26-32-35 56	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0 40<50><70> 26-32-37	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 <100>-<150> 31-36-39	A+ 10.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 31-36-39 32.0-22	28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 <40>-50-<70> 35-39-41 5-20		
Operating C Indoor II Unit C K K S S S	Current(Max) Input (cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>(*7)</sup> Sound Level (Lo-Mid-Hi) (SPL Sound Level (PWL) Dimensions	Energy efficiency class Rated H*W*D	A kW A mm kg m3/min Pa dB(A) dB(A)	A+ 14.2 0.05 1.16 250×900×732 25(24.5) 10.0-12.0-14.0 35<50><70> 24-29-32 54 520,900,200	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0 -<100><150> 27-33-35 58 520.900.200	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0 26-32-35 56 042 067 320(-35)	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0 40-<50>-<70> 26-32-37 58 042 067 320(-35)	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 -<100>-<150> 31-36-39 62 1239,1050,220(.40)	A+ 10.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 31-36-39 62 1229 1050 220.400	- 28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 66 1229 1050 220(.40)	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 <40>-50-<70> 35-39-41 66 1228,1050,200,400		
Operating C Indoor II Unit C V A E S S Outdoor II S	Current(Max) Input (cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>(77)</sup> Sound Level (Lo-Mid-Hi) (SPL Sound Level (PWL) Dimensions	Energy efficiency class Rated H*W*D ) H*W*D	A kW A mm kg m3/min Pa dB(A) dB(A) mm	A+ 14.2 0.05 1.16 250×900×732 25(24.5) 10.0-12.0-14.0 35<50><70> 24-29-32 54 630-809-300 46	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0 <100><150> 27-33-35 58 630-809-300 46	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0 26-32-35 56 943-950-330(+25) 67	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0 40-<50>-<70> 26-32-37 58 943-950-330(+25) 67	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 -<100><150> 31.36-39 62 138-1050-330(+40) 105	A+ 10.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 31-36-39 62 1338-1050-330(+40) 111	28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 66 1338-1050-330(+40)	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 <40>-50-<70> 35-39-41 66 1338-1050-330(+40) 144		- 14.4 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 34-38-41 66 1338-1050330(+40)
Operating C Indoor II Unit C S S Outdoor D Unit V	Current(Max) Input [cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>1-7)</sup> Sound Level (Lo-Mid-Hi) (SPL Sound Level (PWL) Dimensions Weight Ais Volume	Energy efficiency class Rated  H*W*D    H*W*D  Castion	A kW A mm kg m3/min Pa dB(A) dB(A) mm kg m3/min	A+ 14.2 0.05 1.16 250×900×732 25(24.5) 10.0-12.0-14.0 35<50><70> 24-29-32 54 630-809-300 46 45	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0 <100><150> 27-33-35 58 630-809-300 46 45	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0 26-32-35 56 943-950-330(+25) 67 55	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0 40-<50>-<70> 26-32-37 58 943-950-330(+25) 67 = €	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 ~-100>~1509 62 138-1050-330(+40) 105 110	A+ 10.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 31-36-39 62 138-1050-330(+40) 1111 110	- 28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 66 1338-1050-330(±40) 105 120	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 <40>-50<70> 35-39-41 66 1338-1050-330(+40) 114 120	- 32.6 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 ~100>~150> 34-38-41 66 1338-1050-330(+40) 105 120	- 14.4 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 34-38-41 66 1338-1050-330(+40) 118 120
Operating C Indoor Unit C S Outdoor Unit V A S S Outdoor Unit V A	Current(Max) Input [cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>(*7)</sup> Sound Level (Lo-Mid-Hi) (SPL Sound Level (Lo-Mid-Hi) (SPL Dimensions Weight Air Volume	Energy efficiency class Rated H*W*D H*W*D H*W*D Cooling Heating	A kW A mm kg dB(A) dB(A) mm kg m3/min	A+ 14.2 0.05 1.16 250×900×732 25(24.5) 10.0-12.0-14.0 35~50>-<70> 24-29-32 54 630-809-300 46 45	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0 ×100><150> 27-33-35 58 630-809-300 46 45 45	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0 26-32-35 56 943-950-330(+25) 67 55 55	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0 40-<50>-<70> 26-32-37 58 943-950-330(+25) 67 55 55	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 ~100>~150> 31-36-39 62 138-10053301+40 105 110 110	A+ 10.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 31-36-39 62 138-1050-330(+40) 111 110 110	- 28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 35-39-41 138-1050-330(+40) 105 120	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 4(0>-50-<70> 35-39-41 66 138-1050-330(+40) 114 120 120	- 32.6 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 -<100>-<150> 34-38-41 66 138-1050-330(+40) 105 120 120	- 14.4 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 34-38-41 138-1050-330(+40) 118 120 120
Operating C Indoor II Unit C S Outdoor U Unit V A Outdoor V Unit V	Current(Max) input [cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>(*7)</sup> Sound Level (Lo-Mid-Hi) (SPL Sound Level (CPU) Dimensions Weight Air Volume Sound Level (SPL)	Energy efficiency class Rated H*W*D H*W*D H*W*D Cooling Heating Cooling Cooling	A kW A mm kg m3/min Pa dB(A) dB(A) mm kg m3/min m3/min aB(A)	A+ 14.2 0.05 1.16 250×900×732 25(24.5) 10.0-12.0-14.0 35~50>-<70> 24-29-32 54 630-809-300 46 45 45 44	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0+14.5+7.0 <73.335 58 630-809-300 46 45 45 44	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0 26-32-35 56 943.950-330(+25) 67 55 55 47	A+           20.9           0.09           1.9           250×1100×732           29.5(29)           14.5-18.0-23.0           40~50>-<70>           26-32-37           58           943:960-330(+25)           67           55           55           55	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 -<100>-<150> 31-36-39 62 138-1060-300(+40) 105 110 110 40	A+ 10.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 31-36-39 62 138-1050-330(+40) 111 110 110 40	- 28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 66 1338-1050-330(+40) 105 120 120 50	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 40>-50-<70> 35-39-41 66 1338-1050-330(+40) 114 120 120 50	- 32.6 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 ~100>~150 34-38-41 66 1338-1050-330(+40) 105 120 120 50	- 14.4 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 34-38-41 66 1338-1050-330(+40) 118 120 120 50
Operating C Indoor II Unit C S Outdoor D Unit V A S S S S S S S S S S S S S S S S S S	Current(Max) Input [cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>1-7)</sup> Sound Level (Lo-Mid-Hi) (SPL Sound Level (PWL) Dimensions Weight Air Volume Sound Level (SPL)	Energy efficiency class Rated H*W*D H*W*D H*W*D Cooling Heating Cooling Heating	A kW A mm kg m3/min Pa dB(A) dB(A) mm kg m3/min dB(A) dB(A)	A+ 14.2 0.05 1.16 250×900×732 25(24.5) 1012.0-14.0 35~50>~70> 24-29-32 54 630-809-300 46 45 45 45 44 46	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0 <100><150> 27.33.35 58 630-809-300 46 45 45 45 45 46	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0 26-32-35 56 943.950-330(+25) 67 55 55 49 49	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0 40-<50>-<70> 26-32-37 58 943-950-330(+25) 67 55 55 55 40 40	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 ~(100>~(150> 31:36-39 62 1338:1050:330(+40) 105 110 110 49 51	A+ 10.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 31-36-39 62 1338-1050-330(+40) 111 110 110 110 49 51	- 28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 66 1338-1050-330(+40) 105 120 120 50 52	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 <40>-50-<70> 35-39-41 66 1338-1050-330(+40) 114 120 120 50 52	- 32.6 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 -<100>-<150> 34-38-41 66 1338-1050-330(+40) 105 120 120 50 52	- 14.4 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 34-38-41 66 1338-1050-330(+40) 118 120 120 50 52
Operating C Indoor I Unit E S Outdoor U Unit Y S Outdoor S S Outdoor S S S S S S S S S S S S S S S S S S S	Current(Max) Input (cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>(7)</sup> Sound Level (Lo-Mid-Hi) (SPL Sound Level (PWL) Dimensions Weight Air Volume Sound Level (SPL) Sound Level (SPL)	Energy efficiency class Rated H*W*D H*W*D H*W*D Cooling Heating Cooling Heating Cooling Coolin	A kW A mm kg m3/min dB(A) dB(A) dB(A) m3/min dB(A) dB(A) dB(A)	A+ 14.2 0.05 1.16 250×900×732 25(24.5) 10.0-12.0-14.0 35~650~<70> 24-29-32 54 630-809-300 46 45 45 44 46 65	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0 <7.103×1505 58 630-809-300 46 45 45 44 46 65	A+ 20.9 0.08 1.85 256×1100×732 29.5(29) 14.5-18.0-21.0 26-32-35 56 943960-330(+25) 67 55 55 55 47 49 67	A+ 20.9 0.09 1.9 29.5(29) 14.5-18.0-23.0 40-<50>-<70> 26-32-37 58 943.950-30(+25) 67 55 55 55 47 49 67	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 ~100≻~150> 31.36-39 62 138-1050-301+40 105 110 110 49 51 69	A+ 10.3 0.14 2.25 250x1400x732 37(36) 23.0-28.0-32.0 31-36-39 62 138-1050030(+40) 111 110 110 49 51 69	- 28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 66 1338-1050-330(+40) 105 120 120 50 52 70	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 <40>-50-<70> 35-39-41 66 1338-1050-330(+40) 114 120 120 50 52 70	- 32.6 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 <100><150> 34-38-41 66 138-1050-330(+40) 105 120 120 50 52 70	- 14.4 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 34-38-41 66 1338-1050-330(+40) 118 120 120 50 52 70
Operating C Indoor II Unit II Vnit II Vnit II Vnit II Vnit II Vnit II Vnit II Vnit II S S	Current(Max) Input [cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>(*7)</sup> Sound Level (Lo-Mid-Hi) (SPL Sound Level (PWL) Dimensions Weight Air Volume Sound Level (SPL) Sound Level (SPL) Doversting Current(Max)	Energy efficiency class Rated H*W*D H*W*D Cooling Heating Cooling Heating Cooling Heating Cooling	A kW A mm kg m3/min Pa dB(A) dB(A) mm kg m3/min dB(A) dB(A) dB(A) A	A+ 14.2 0.05 1.16 250×900×732 25(24.5) 10.0-12.0-14.0 35~560~<70> 24-29-32 54 630-809-300 46 45 44 46 65 12	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0 ×100><150> 27.33-35 630-809-300 46 45 45 44 46 65 12	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0 26.32-35 56 943.950-330(+25) 67 55 55 47 49 67 19.55 55 55 55 55 55 55 55 55 55	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0 40-50>-<70> 26-32-37 58 943.950.330(+25) 67 55 55 47 49 67 19	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 31-36-39 31-36-39 138-166-330(+40) 105 110 110 110 49 51 69 20	A+ 10.3 0.14 2.25 250x1400x732 37(36) 23.0-28.0-32.0 31-36-39 62 331-36-39 62 1338-1050-330(+40) 111 110 110 49 51 69 9	- 28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 66 1338-1050-330(+40) 105 120 120 50 52 70 28.6	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 66 1338-1050-330(+40) 114 120 120 50 52 70 9	- 32.6 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 -<100>-<150> 34-38-41 66 1338-1050-30(+40) 105 120 120 50 52 70 20	- 14.4 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 34-38-41 66 1338-1050-330(+40) 118 120 120 50 52 70 11.9
Operating C Indoor II Unit C S Outdoor U Unit S S Outdoor V S S S S S S S S S S S S S S S S S S S	Current(Max) Input [cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>*70</sup> Sound Level (Lo-Mid-Hi) (SPL Sound Level (PWL) Dimensions Weight Air Volume Sound Level (SPL) Sound Level (SPL) Sound Level (PWL) Operating Current(Max) Breaker Size	Energy efficiency class Rated H*W*D H*W*D H*W*D Cooling Heating Cooling Heating Cooling Cooling	A kW A mm kg m3/min Pa dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) A	A+ 14.2 0.05 1.16 2502400x732 25(24.5) 10.0-12.0-140 35<650-<70 24-29-32 54 630-809-300 46 45 45 44 46 65 13 16	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0 <100><150> 27.33.35 58 630-809-300 46 45 45 44 44 46 65 13 16	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0 26-32-35 56 943:950-330(-25) 67 55 55 47 49 67 19 25	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0 40~50>-<70> 26-32-37 58 943-950-330(+25) 67 55 55 47 49 67 19 25	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 <100><150> 31-36-39 62 138-1050-301+40 105 110 110 110 49 51 69 20 22	A+ 10.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 31-36-39 62 138-1050-3301+40 111 110 110 49 51 69 8 16	- 28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 66 138-1050-3301+40 105 120 120 50 52 70 26.5 27 22	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 66 138-1050-330+40 114 120 114 120 50 52 70 9 16	- 32.6 0.21 2.63 250×1600×732 42(41) 29.53.5.40.0 <100>-<160>- <100>-<160>- <100>- 105 138-1050301+40 105 120 120 50 52 70 30 40	- 14.4 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 34-38-41 66 138-1050-330+40 118 120 120 50 52 70 11.8 16
Operating C Indoor II Unit C V V V V V V V V V V V V V V V V V V V	Current(Max) Input (cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>(*7)</sup> Sound Level (Lo-Mid-Hi) (SPL Sound Level (PWL) Dimensions Weight Air Volume Sound Level (SPL) Sound Level (PWL) Operating Current(Max) Breaker Size Diameter <sup>(*9)</sup>	Energy efficiency class Rated H*W*D H*W*D Cooling Heating Cooling Heating Cooling Heating Cooling	A kW A mm M3/min Pa dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) A A A A Mm	A+ 14.2 0.05 1.16 250×900×732 25(24.5) 10.0-12.0-14.0 25<50×-70> 24-29-32 54 630-809-300 46 45 45 44 46 65 13 16 625(12.7)	A+ 14.4 0.07 1.35 260×900×732 26.5(25.5) 12.0-14.5-17.0 ×100>~(150> 27.33.35 58 630-809-300 46 45 45 44 46 65 13 16 6.25(12.7)	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0 26-32-35 56 943.950-330(+25) 67 55 55 47 49 67 55 47 49 67 19 25 95 49 67 15 55 47 19 25 49 15 55 47 15 55 47 15 55 47 15 55 49 49 67 15 55 55 49 49 67 15 55 55 49 49 16 15 55 55 55 55 55 55 55 55 55	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0 40-<50>-<70> 26-32-37 58 943-950-330(+25) 67 55 55 55 47 49 67 19 25 95 49 67 19 25 55 55 47 19 25 55 55 47 19 25 55 55 47 19 25 55 55 55 55 55 47 19 25 55 55 55 55 47 19 26 21 15 29 15 20 10 20 20 20 20 20 20 20 20 20 2	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 -<100><150> 62 133×1050-330(+40) 105 110 110 49 51 69 20 32 9.57(15.59)	A+ 10.3 0.14 2.25 250x1400x732 37(36) 23.0-28.0-32.0 31-36-39 62 1338-1050-330(+40) 1111 1110 1110 110 49 51 69 8 16 9 8	- 28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 66 1338-1050-330(+40) 105 120 120 120 50 52 70 26.5 32 9.67/15.69 9.67/15.69	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 40>-50-<70> 35-39-41 66 1338-1050-330(+40) 11.4 120 120 50 52 70 9 16 9 15 52	- 32.6 0.21 2.63 250×1600×732 42(41) 29.5-38.5-40.0 102-5150> 34-38-41 105 120 120 50 52 70 30 40 9.57 (15.59)	- 14.4 0.21 2.63 250×1600×732 42(41) 29.5-38.5-40.0 34-38-41 366 1338-1050-330(+40) 118 120 120 50 52 70 11.8 16 9.57 (15.59)
Operating C Indoor II Unit C S Outdoor Unit V A S S Outdoor Unit S S C Ext.Piping D	Current(Max) Input (cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>177</sup> ) Sound Level (Lo-Mid-Hi) (SPL Sound Level (PWL) Dimensions Weight Air Volume Sound Level (SPL) Sound Level (SPL) Operating Current(Max) Breaker Size Diameter <sup>160</sup>	Energy efficiency class [Rated [H*W*D ] [H*W*D Cooling Heating Cooling	A kW A mm kg m3/min dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) A A A mm	A+ 14.2 0.05 1.16 250-900×732 25(24.5) 10.0-12.0-14.0 35-50>-<70> 24-29-32 54 630-809-300 46 45 45 45 45 46 65 13 16 635/12.7 50	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0 ×100><150> 27.33.35 58 630-809-300 46 45 45 45 45 45 13 16.55/12.7 50	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0 26-32-35 56 943.950-330(+25) 67 55 55 49 49 67 19 25 55 55 55 55 55 55 55 55 55	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0 26-32-37 26-32-37 55 55 943.950/330(+25) 67 55 55 49 49 67 19 25 49 67 55 55 55 55 55 55 55 55 55 5	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 31-36-39 62 133+160-330+40) 105 110 110 110 110 49 51 69 20 32 9.52/15.88	A+ 10.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 31-36-39 (23.0-28.0-32.0 31-36-39 (23.0-28.0-32.0 31-36-39 (23.0-28.0-32.0 31-36-39 (23.0-28.0-32.0 31-36-39 (23.0-28.0-32.0 (24.0-32.0 (24.0-32.0) (24.0,	- 28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 35-39-41 105 120 105 120 120 52 70 26.5 32 9.52/15.88 100	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 66 1338-1050-330(+40) 114 120 120 50 52 70 9 16 8.2/15.88 100	- 32.6 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 34-38-41 66 1338-1050-330(+40) 105 120 120 120 50 52 70 30 40 9.52/15.8	- 14.4 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 34-38-41 133-1050-330(+40) 118 120 120 50 52 70 11.8 16 9.52/15.88 100
Operating C Indoor I Unit C V A A S Outdoor U Unit S S Outdoor U Unit S S C Unit S S S Outdoor E Unit S S S Outdoor E Unit S S S Outdoor E S S S Outdoor E S S S Outdoor E S S S S Outdoor E S S S S S S S S S S S S S S S S S S S	Current(Max) Input (cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>(*)</sup> Sound Level (Lo-Mid-Hi) (SPL Sound Level (PWL) Dimensions Weight Air Volume Sound Level (SPL) Sound Level (SPL) Sound Level (SPL) Operating Current(Max) Breaker Size Diameter <sup>*®</sup> Max_Length Max_Height	Energy efficiency class Rated H*W*D H*W*D Cooling Heating Cooling Heating Cooling Liquid/Gas Out-In Dut-In	A kW A mm kg m3/min dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) mm m m m m m m m	A+ 14.2 0.05 1.16 250×900×732 250×900×732 250×900×732 24-29·32 54 630-809-300 46 45 45 45 44 46 65 13 16 6.35/12.7 50 20	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0 27.33.35 58 630-809-300 46 45 45 44 46 65 13 16 6.35/12.7 50 20	A+ 20.9 0.08 1.85 29.5(2) 14.5-18.0-21.0 26-32-35 56 943-950-330(+25) 67 55 55 47 49 67 19 25 952/15.88 55 55 55 30	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0 40-<50>-<70> 26-32-37 58 943-950-330(+25) 67 55 55 47 49 67 19 25 952/15.88 952/15.88 55 55 55 30	A+ 22.3 0.14 2.25 250×1400×722 37(36) 23.0-28.0-32.0 -<100><150> 62 138-1050-330.0+40 105 110 110 110 49 51 69 20 32 9.52/15.88 100 20 20	A+ 10.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 31-36-39 62 1338-1050-330.440 111 110 110 110 49 51 69 8 16 9.52/15.88 100 30	- 28.8 0.20 2.34 250×1400×732 38(37) 28.034.0-37.0 35-39-41 66 1338-1050-330(+40) 105 120 120 120 120 50 52 70 26.5 32 9.52/15.88 100 30	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0·34.0·37.0 (40)>-50-(70> 35-39-41 66 138-1059-330(+40) 114 120 120 120 50 52 70 9 16 9.52/15.88 100 20	- 32.6 0.21 2.63 250×1600×732 42(41) 29.535.540.0 -(100>~(150) 34.38×41 66 1338-1050-330(+40) 105 120 120 50 52 70 30 40 9.52/15.88 100 20	- 14.4 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 34-38-41 66 1338-1059-3304-40 118 120 120 50 52 70 11.8 16 9.52/15.58 100 20
Operating C Indoor II Unit C Unit V A S Outdoor U Unit V A S S Outdoor I Unit V A S S C Outdoor I Unit V A S S C Outdoor II N Outdoor II N Outdoor II N Outdoor II S S C Outdoor II S S C Outdoor II S S S C Outdoor II S S S C Outdoor II S S S C Outdoor II S S S C Outdoor II S S S S C Outdoor II S S S S C Outdoor II S S S S S S S S S S S S S S S S S S	Current(Max) Input (cooling / Heating ] Operating Current(Max) Dimensions Weight Air Volume (Lo-Mid-Hi) External Static Pressure <sup>(*7)</sup> Sound Level (Lo-Mid-Hi) (SPL Sound Level (PWL) Dimensions Weight Air Volume Sound Level (SPL) Sound Level (SPL) Sound Level (PWL) Operating Current(Max) Breaker Size Diameter <sup>(*6)</sup> Max_Length Max_Height 4 Operating Bange(Outfloor)	Energy efficiency class Rated H*W*D H*W*D Cooling Heating Cooling Heating Cooling Liquid/Gas Out-In Out-In Cooling	A kW A mm kg m3/min dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) dB(A) A A A mm m m S/min m S/min m S/min m 3/min m B(A) dB(A) m m 3/min m m m m m m m m m m m m m m m m m m	A+ 14.2 0.05 1.16 250×900×732 25(24.5) 10.0-12.0-14.0 35~50>-<70> 24-29-32 54 630-809-300 46 45 445 445 45 44 46 65 13 16 6.35 / 12.7 50 30 -15 = 446	A+ 14.4 0.07 1.35 250×900×732 26.5(25.5) 12.0-14.5-17.0 12.0-14.5-17.0 58 630-809-300 46 45 44 45 44 46 65 13 16 6.35/12.7 50 30 -15 = 46	A+ 20.9 0.08 1.85 250×1100×732 29.5(29) 14.5-18.0-21.0 26-32-35 56 943:950-330(+25) 67 55 55 47 49 67 55 47 49 67 55 55 9.52/15.88 55 55 9.52/15.88 55 55 9.52/15.88 55 55 55 9.52/15.88 55 55 55 9.52/15.88 55 55 55 55 9.52/15.88 55 55 55 55 55 55 55 55 55	A+ 20.9 0.09 1.9 250×1100×732 29.5(29) 14.5-18.0-23.0 26.32-37 58 943.950-330(+25) 67 55 943.950-330(+25) 67 55 47 49 49 67 19 25 9.52/15.88 55 30 -15 = ±46	A+ 22.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 -100>~150> 62 133×1550-330+40 105 110 110 49 51 69 20 32 9.52/15.88 100 -32 9.52/15.88 100 -35 -55 -55 -55 -55 -55 -55 -55	A+ 10.3 0.14 2.25 250×1400×732 37(36) 23.0-28.0-32.0 31-36-39 62 1338-1050-330(+40) 1110 110 110 110 110 51 69 8 16 9.52 / 15.88 100 30 -15 ~ ±46	- 28.8 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 35-39-41 66 1338-1050-330(+40) 105 120 120 120 50 52 70 26.5 32 9.52/15.88 100 30 -15 = +46	- 11.3 0.20 2.34 250×1400×732 38(37) 28.0-34.0-37.0 40>-50-<70> 35-39-41 66 1338-1050-330(+40) 114 120 120 120 50 52 70 9 16 9.52/15.88 100 -15 = 446	- 32.6 0.21 2.63 250×1600×732 42(41) 29.5-35.5-40.0 (102)<-(150)> 34-38-41 66 1338-1050-330(+40) 105 120 120 50 52 70 30 40 9.52/15.88 100 - 30 - 15, - 46 100 - 52 - 70 - 30 - 40 - 52 - 72 - 70 - 52 - 72 - 70 - 52 - 72 - 70 - 50 -	- 14.4 0.21 2.63 250×1600×732 42(41) 29.5-38.5-4.0 34-38-41 66 1338-1050-330(+40) 118 120 120 50 52 70 11.8 16 9.52/15.88 100 30 -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. This seplance 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 zong/T25/ECC.Energy-related Products Directive and Regulation(EU) No206/2012. \*6 Joint pipe is required depending on installed refrigerant pipes, outdoor units.
\*7 The factory setting of ESP is shown without < >.

DI 147

CTANDA		Wiring Dr	ain	Pump	lare	Failure							
JIANDA	RD INVERIER	Optional Cliff	Up	Down	Diagn	Recal							
Туре							Inverter	Heat Pump					
ndoor Un	it			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	2 PEAD-M140JA(L)2	2 PEAD-M140.
Dutdoor L	Jnit			SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA	PUZ-M100VKA2	PUZ-M100YKA2	PUZ-M125VKA2	PUZ-M125YKA2	PUZ-M140VKA2	PUZ-M140
Refrigerar	1t <sup>(*1)</sup>							R	32				
Power	Source							Outdoor p	ower supply				
Supply	Outdoor(V/Phase/Hz)						VA-VI	A:230/Single/	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
	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)			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	ption (*2)	kWh/a	199	277	345	397	538	538	-	-	-	-
	SEER <sup>(*4)(*5)</sup>			6.3	6.3	6.1	6.2	6.1	6.1	-	-	-	-
		Energy efficiency class		A++	A++	A++	A++	A++	A++	-	-	-	-
leating	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	11-50	15-72	16-80	20-102	28-125	28-125	41-150	41-150	42-158	42-15
	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 <sup>(*4)</sup>			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 hivalent temperature	kW	23(-7%)	3.8 (-7°C)	4.1 (-7°C)	5.2 (10 C)	7.0 (-7°C)	7.0 (-7°C)	-	-	-	-
	11	at operation limit temperature	kW/	2.2 ( 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	at operation white temperature		0.3	0.5	0.5	0.6	2.0	2.0	-	-	_	-
	Annual electricity concum	ntion (*2)	k\A/b/a	0.0	1/17	1659	1072	2725	2725	_	_		-
	SCOP(*4)(*5)	ption	Kvvii/a	<u> </u>	1417	1330	1373	 	 				
	3001	Energy efficiency class		4.1	4.2	4.1	4.1	4.1	4.1				_
Onerating	n Current(Max)	Energy enterency class	Δ	0.7	14.0	16.7	16.7	22.3	12.9	27.8	12.8	31.4	12.9
ndoor	Input [cooling / Heating ]	Rated		0.05	0.07	0.08	0.09	0.1/	0.1/	0.20	0.20	0.21	0.21
Init	Operating Current(Max)	nated	Δ	1.16	1.25	1.85	1.0	2.25	2.25	2.34	2.34	2.63	2.63
Jiiit	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	2.00 250×1600×732	250×1600
	Weight		ka	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
	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	34-38-4
	Sound Level (PWL)		dB(A)	54	58	56	58	62	62	66	66	66	66
Outdoor	Dimensions	H*W*D	mm	550-800-285	714-800-285	880-840-330	880-840-330	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	) 981-1050-330(+40)	981-1050-33
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)		A	8.5	13.5	14.8	14.8	20	11.5	26.5	11.5	30	11.5
	Breaker Size		A	16	20	20	20	32	16	32	16	40	16
xt.Pipin	Diameter <sup>(*6)</sup>	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	9.52/1
	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
Suaranto	ed Operating Bange(Outdoor)	Cooling <sup>(*3)</sup>	•C	-10 +/6	-15 - +/6	-15 - +/6	-15 - +/6	-15 - +/6	-15 - +/6	-15 - +/6	-15 - +/6	-15 - +/6	-15
Juarante	or operating nange(Outdoor)	Heating	°C	10 ~ ++0	10 ~ +40	10 - + - + 0	10 - + + 40	15 ~ +40	15~+40	15~+40	15~+40	15	15
		II ICOUIU	3.4	1 -1U ~ +24	$=10 \sim \pm /4$	$= -10 \sim \pm /4$	$-111 \sim \pm /4$	$-1.0 \sim \pm 2$	·	$-1.0 \sim \pm 2$			1 -10~-

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 of 100 years. Never try to interfere with the refrigerant circuit yourself or diassemble 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 2009/122/EC/E-thergy-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 < >.









							60-140V/200/250	PUHZ					
Demand Control	Long Life Check!	<b>S</b> AUTO	Q≑Ö	44 Auto Restart	Low Temp Cooling	Silent	Ampere Limit	Rotation Back-up		Group Control	M-NET	Wi-Fi )) Interface	СОМРО
Optional								Optional	Optional		Optional	Optional	

Inverter Heat Pump
--------------------



PEAD-M JA(L) 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 Qua	adruple
			50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Power	Power Inverter (PUHZ-ZRP)		50x1	60x1	71x1	100x1	125x1	140x1	-	-	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	Ν	/ISDD-	50TR-	E	MS 50W	DD- /R-E	MS	DT-111	IR-E	MS 1111	DF- 1R-E



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

										Outd	oor Ui	nit Cap	oacity								
Indoor	Unit Combination				Fo	or Sing	gle						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&SUZ)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	-	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	MSI	DD-50	TR-E	MSDD-	50WR-E	MSI	DT-111	R-E	MSDF-1	1111R-E

PEAD-M SERIES



Туре							Inverter	Heat Pump					
Indoor Uni	it			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 U	Init			PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3
Refrigeran	1t <sup>(*1)</sup>							R4	10A				
Power	Source							Outdoor po	ower supply				
Supply	Outdoor(V/Phase/Hz)						VKA • \	VHA: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 <sup>(*4)</sup>	•		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 <sup>(*4)(*5)</sup>	•		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	25-73	28-82	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)		Δ	14.2	14.4	20.9	20.9	28.8	10.3	28.8	11.8	30.6	15.6
Indoor	Input (cooling / Heating 1	Bated	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)		A	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	•	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(+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)
Unit	Weight		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
		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)		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
Ext.Piping	Diameter <sup>(*6)</sup>	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 / 15.88
	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
Guarante	ed Operating Range(Outdoor)	Cooling <sup>(*3)</sup>	°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 Befrige	erant leakage contributes to clim	hate change. Refrigerant with low	/er aloha	al warming note	ential (GWP) w	ould contribute	less to global	warming than a	a refrigerant wi	th higher GWP	if leaked to th	e atmosphere	This appliance

\*1 Hertogerant leakage contributes to climate change. Hertogerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant tild with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be less to global warming than a refrigerant tild with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be less to global warming than a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be less to global warming than a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be less to global warming than a refrigerant fluid with a GWP equal to 1975. This means that if 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 2009/125E/CE: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 < >.

								60-140V	200/250 PUHZ				
		Control Long Life C	heck	AUTO		Auto Bestart	Low Temp Cooling S	Silent Lir	nit Back-u	n 🗖	Group Control	-NET Wi-F	
DEVD	M	Optional	neon.						Optional	Optional		Optional Option	4
<b>F E A U</b>	- VI SERIES	Wiring D	DAL	Pump		Failura							
STANDA	RD INVERTER	Reuse Li	ft Up	Down con	nection Diagno								
		Optional											
Туре							Inverter	Heat Pump					
Indoor Uni	t			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 U	nit			SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6	PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA	PUHZ-P140VKA	PUHZ-P140YKA
Reingeran	Sector Se							R4	IUA				
Supply	Outdoor(V/Phase/Hz)						VA • V		Wer supply	aroo/50			
Cooling	Canacity	Bated	kW	3.6	19	5.7	71	Q /	9.4	12.1	12.1	13.6	13.6
ocoming	Concernent	Min-Max	kW	14-39	23-56	23-63	28-81	37-106	37-106	56-130	56-130	58-141	58-141
	Total Input	Bated	kW	1.029	1.458	1.652	2.060	2.965	2.965	4.143	4.143	5.551	5.551
	EER <sup>(*4)</sup>			3.50	3.36	3.45	3.45	3.17	3.17	2.92	2.92	2.45	2.45
	Design load		kW	3.6	4.9	5.7	7.1	9.4	9.4	-	-	-	-
	Annual electricity consump	otion (*2)	kWh/a	210	284	326	395	596	596	-	-	-	-
	SEER(*4)(*5)			6.0	6.0	6.1	6.2	5.5	5.5	-	-	-	-
		Energy efficiency class		A+	A+	A++	A++	A	A	-	-	-	
Heating	Capacity	Rated	kW	4.1	5.9	7.0	8.0	11.2	11.2	13.5	13.5	15.0	15.0
		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
	Total Input	Rated	kW	1.111	1.620	1.928	2.040	2.947	2.947	3.739	3.739	4.347	4.347
	COP <sup>(*4)</sup>			3.69	3.64	3.63	3.80	3.80	3.80	3.61	3.61	3.45	3.45
	Design load		kW	2.8	4.4	4.5	6.0	8.0	8.0	-	-	-	-
	Declared Capacity	at reference design temperature	kVV	2.5 (-10°C)	3.9 (-10°C)	4.1 (-10°C)	5.3 (-10°C)	6.0 (-10°C)	6.0 (-10°C)	-	-	-	-
		at bivalent temperature	KVV	2.5 (-/°C)	3.9 (-/°C)	4.1 (-/°C)	5.3 (-/°C)	7.0 (-7°C)	7.0 (-7°C)	-	-	-	-
	Posk up besting conseitu	at operation limit temperature	KVV LAA/	2.5 (-10°C)	3.9 (-10°C)	4.1 (-10°C)	5.3 (-10°C)	4.5 (-15°C)	4.5 (-15°C)	-	-	-	-
	Annual electricity concurrent	tion (*2)	KVV k\A/b/o	0.3	0.5	0.4	0.7	2.0	2.0	-	-	-	-
	SCOP(*4)(*5)		KVVII/d	9/5	1400	1559	2132	2/9/	2/9/		-		-
	0001	Energy efficiency class		4.0 A+	Δ+	A+	Δ	4.0 A+	A+	-	-	-	-
Operating	Current(Max)	Energy enterency class	A	94	13.4	15.9	18.0	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)		A	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		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		Pa	35-<50>- 0	-<100>-<150>	00.00.05	40-<50>- 0	-<100>-<150>	04.00.00	05.00.44	<40>-50- 0</td <td>&gt;-&lt;100&gt;-&lt;150&gt;</td> <td></td>	>-<100>-<150>	
	Sound Level (LO-IVIId-HI) (SPL	-1		24-29-32	27-33-35	20-32-35	20-32-37	31-30-39	31-30-39	35-39-41	30-39-41	34-38-41	34-38-41
Outdoor	Dimensions	H*W*D	mm	550-800-285	880-840-330	880-840-330	880-840-330	981-1050-330	981-1050-330	981-1050-330	981-1050-330	1981-1050-330	981-1050-330
Unit	Weight		ka	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
		Heating	m3/min	34.8	44.6	49.2	48.2	79	79	92	92	92	92
	Sound Level (SPL)	Cooling	dB(A)	49	52	55	55	51	51	54	54	56	56
		Heating	dB(A)	50	52	55	55	54	54	56	56	57	57
	Sound Level (PWL)	Cooling	dB(A)	62	65	65	69	70	70	72	72	75	75
	Operating Current(Max)		A	8.2	12	14	16.1	20	11.5	26.5	11.5	30	11.5
	Breaker Size		A	10	20	20	20	32	16	32	16	40	16
Ext.Piping	Diameter(*6)	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	50	50	50	50	50	50
	Max.Height	Out-In	m	12	30	30	30	30	30	30	30	30	30
Guarantee	ed Operating Range(Outdoor)	Cooling <sup>(*3)</sup>	°C	-10 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
*4 D. ( )		Ineaung	<u>I°C</u>	-10~+24	-10 ~ +24	-10 ~ +24	-10~+24	-15~+21	-15~+21	-15~+21	<u> </u>	-15~+21	<u>  -15 ~ +21</u>
1 Retrige	rant leakage contributes to clim	ate change. Hetrigerant with low	ver globa	ai warming pot	ential (GVVP) w	ouid contribute	iess to global	warming than	a retrigerant wi	tn nigher GWF	, it leaked to the	ne atmosphere.	I his 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 of 100 years. Never try to interfere with the refrigerant circuit yourself or diassemble the product yourself and laways ask a professional. The GWP fraze to 560 times higher than 1 kg of CO2 was a set of 100 years. Never try to interfere with the refrigerant circuit yourself or diassemble the product yourself and laways ask a professional. The GWP fraze to 576 times higher than 1 kg of CO2 was a set of 100 years. Never try to interfere with the refrigerant circuit yourself or diassemble the product yourself and laways ask a professional. The GWP of R32 is 675 in the IPCC 4th Assessment Report. \*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 < >.

		6
emp ling	Silent	ľ











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

PFA

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.

#### PEA-M200/250LA <60>/75/<100>/<150>/<200> Pa

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.

A Outdoor unit B Indoor unit

C Main remote controller D Subordinate remote controller

Refrigerant address = 02

Refrigerant address = 15

Standard (Refrigerant address = 00) Refrigerant address = 01

![](_page_14_Figure_14.jpeg)

LINE-UP Indoor Unit **Outdoor Unit Remote Controller R32** Power Standard Inverter Inverter R410/ Series Series **R410A** (R410/ 25.or PUHZ-ZRP200/250 PUH7-P200/250 0 22.5c H-8.5 1 Power Standard Ontional Ontional Ontional Inverter Inverter PEA-M200/250LA Series Series **R32 R32** PU7-7M200/250 PUZ-M200/250

PF∆_		Inverter	Vector Sine Wave	DC Scroll Rare Earth Magnet	DC Fan Motor	Receiver	Grooved Piping	Optional		* ACO Au	to Restart	boling	ilent C	Limit
POWER	IVERTER	Cptonal	Group Control	Connection Optional Optional	Pump Down	Flare connection	Self Diagnosis	Failure Recall						
Туре							Inve	erter Heat P	ump					
Indoor Uni	t				PEA-M200LA					P	EA-M250LA			
Outdoor U	Init				PUZ-ZM200YK	\2				PUZ	Z-ZM250YKA	12		
Refrigeran	t <sup>(*1)</sup>							R32						
Power	Source						Sepa	arate power si	upply					
Supply	Outdoor(V/Phase/Hz)							400/Three/50	)					
Cooling	Capacity	Rated	kW		19.0						22.0			
		Min-Max	kW		9.2 - 22.4						9.9 - 27.0			
	Total Input	Rated	kW		5.757						7.213			
	EER				3.30						3.05			
Heating	Capacity	Rated	kW		22.4						27.0			
		Min-Max	kW		7.1 - 25						7.3 - 31			
	Total Input	Rated	kW		6.400						7.941			
	COP				3.50						3.40			
Operating	Current(Max)		A		25.7						25.9			
Indoor	Input [cooling / Heating ]	Rated	kW		0.35/0.35						0.53/0.53			
Unit	Operating Current(Max)		A		3.1						3.4			
	Dimensions	H*W*D	mm				47	70 - 1370 - 11	20					
	Weight		kg					87						
	Air Volume (Lo-Mi2-Mi1-Hi)		m3/min	42-51	1-60(60Pa-150Pa) 42-	51-55(200Pa	i)		50-61-72(6	50Pa-100Pa)	45-55-65(15	0Pa) 45-5	50-55(200	Pa)
	External Static Pressure		Pa				(60)/7	75/(100)/(150),	/(200)					
	Sound Level (Lo-Mi2-Mi1-Hi)	) (SPL)	dB(A)		35-40-43						38-43-47			
	Sound Level (PWL)	11314/30	dB(A)		63-64-64						67-67-68			
Outdoor	Dimensions	H^WVD	mm		1338-1050-330(4	-40)				1338	3-1050-330(+	40)		
Unit	weight	10	кg		137						138			
	Air Volume	Cooling	m3/min		140						140			
		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 Current(Max)		A		22.5						22.5			
	Breaker Size		A		32						32			
Ext.Piping	Diameter	Liquid/Gas	mm		9.52 / 25.4						12.//25.4			
	Max.Length	Out-In	m		100						100			
	Max.Height	Out-In	m		30						30			
Guarante	ed Operating Range(Outdoor)	Cooling <sup>(2)</sup>	°C		-15~+46						-15~+46			
		IHeating	I°C		-20~+21						-2()~+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.

	Inverter	Vector Sine Wave	DC Scrol	Rare Earth Magnet	DC Fan Motor
<b>EA-MI</b> SERIES Standard Inverter	M-NET connection	Wi-Fi)) Interface	Cleaning-iree, pipe reuse	Pump Down	Flare connection
	Optional	Optional	Optional	Optional	

Туре				Inverter H	eat Pump
Indoor Uni	t			PEA-M200LA	PEA-M250LA
Outdoor U	nit			PUZ-M200YKA2	PUZ-M250YKA2
Refrigeran	t <sup>(*1)</sup>			R	32
Power	Source			Separate po	ower supply
Supply	Outdoor(V/Phase/Hz)			400/Th	iree/50
Cooling	Capacity	Rated	kW	19.0	22.0
-		Min-Max	kW	9.2 - 22.4	9.9 - 27.0
	Total Input	Rated	kW	6.089	7.333
	EER			3.12	3.00
Heating	Capacity	Rated	kW	22.4	27.0
		Min-Max	kW	6.8 - 25	7.3 - 31
	Total Input	Rated	kW	6.588	8.181
	COP			3.40	3.30
Operating	Current(Max)		A	25.7	25.9
Indoor	Input [cooling / Heating ]	Rated	kW	0.35/0.35	0.53/0.53
Unit	Operating Current(Max)		A	3.1	3.4
	Dimensions	H*W*D	mm	470 - 13	70 - 1120
	Weight		kg	8	7
	Air 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)
	External Static Pressure		Pa	(60)/75/(100	)/(150)/(200)
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	dB(A)	35-40-43	38-43-47
	Sound Level (PWL)		dB(A)	63-64-64	67-67-68
Outdoor	Dimensions	H*W*D	mm	1338-1050-330(+40)	1338-1050-330(+40)
Unit	Weight		kg	129	138
	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(Max)		A	22.5	22.5
	Breaker Size		A	32	32
Ext.Piping	Diameter <sup>(*3)</sup>	Liquid/Gas	mm	9.52 / 25.4	12.7 / 25.4
	Max.Length	Out-In	m	70	70
	Max.Height	Out-In	m	30	30
Guarantee	ed Operating Range(Outdoor)	Cooling <sup>(*2)</sup>	°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.
\*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.

![](_page_14_Picture_24.jpeg)

#### Control Contro Wi-Fi // Interface Pump Bare connection Cased Failure Recall Group Control

Type				Inverter H	leat Pump				
Indoor Ur	it								
Outdoor l	Jnit			PEA-M200LA	PEA-M250LA				
Refrigera	nt <sup>(*1)</sup>			PUHZ-ZRP200YKA3 R410	A <sup>(*1)</sup> PUHZ-ZRP250YKA3				
Power	Source			Separate po	ower supply				
Supply	Outdoor (V/Phase	/Hz)		400 / Th	iree / 50				
Cooling	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				
Heating	Capacity	Rated	kW	-	-				
(Average		Min - Max	kW	22.4	27.0				
Season)	Total Input	Rated	kW	9.5 -25	12.5 - 31				
	COP			6.530	8.181				
Operatin	g Current (max)			3.43	3.30				
Indoor	Input [Cooling / Hea	ating] Rated	kW	22.2	24.4				
Unit	<b>Operating Current</b>	(max)	A	0.35 / 0.35	0.53 / 0.53				
	Dimensions	H x W x D	mm	3.1 470-13	70-1120 3.4				
	Weight		kg	8	7				
	Air Volume [Lo-Mic	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 Pre	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				
Outdoor	Dimensions	H x W x D	mm	1338-1050-330(+40)	1338-1050-330(+40)				
Unit	Weight		kg	135	135				
	Air Volume	Cooling	m³/min	140	140				
		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 Current	(max)	A	19	21				
	Breaker Size		A	32	32				
Ext.	Diameter (*3)	Liquid / Gas	mm	9.52/25.4	12.7/25.4				
Piping	Max. Length	Out-In	m	100	100				
	Max. Height	Out-In	m	30	30				
Guarante	ed Operating Range	Cooling <sup>(*2)</sup>	°C	-15 ~ +46	-15 ~ +46				
[Outdoo		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 profess

\*2 Optional air protection quide 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

# **PEA-M** SERIES

## Pump Down Connection Fare Set Recall

Туре				Inverter H	leat Pump
Indoor Ur	nit			PEA-M200LA	PEA-M250LA
Outdoor	Unit			PUHZ-P200YKA3	PUHZ-P250YKA3
Refrigera	nt(*1)			R410	DA <sup>(*1)</sup>
Power	Source			Separate po	ower supply
Supply	Outdoor (V/Phase	e/Hz)		400 / Th	nree / 50
Cooling	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
Heating	Capacity	Rated	kW	22.4	27.0
(Average	•	Min - Max	kW	9.5-25	12.5-31
Season)	Total Input	Rated	kW	6.706	8.437
	COP			3.34	3.20
Operatin	g Current (max)			22.2	24.4
Indoor	Input [Cooling / He	ating] Rated	kW	0.35/0.35	0.53/0.53
Unit	Operating Current	t (max)	A	3.1	3.4
	Dimensions	H x W x D	mm	470-13	70-1120
	Weight		kg	8	7
	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
Outdoor	Dimensions	H x W x D	mm	1338-1050	0-330(+40)
Unit	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
Ext.	Diameter (*3)	Liquid / Gas	mm	9.52/25.4	12.7/25.4
Piping	Max. Length	Out-In	m	70	70
	Max. Height	Out-In	m	30	30
Guarante	ed Operating Range	Cooling <sup>(*2)</sup>	°C	-15~+46	-15~+46
[Outdoo		Heating	°C	-20~+21	-20-+21

\*11 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.

![](_page_15_Picture_12.jpeg)

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.

![](_page_15_Picture_16.jpeg)

#### 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.

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

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.

![](_page_15_Figure_21.jpeg)

#### 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.

**PEA-M** SERIES

### 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.

![](_page_15_Figure_28.jpeg)

![](_page_15_Figure_29.jpeg)

![](_page_15_Figure_30.jpeg)

Main Functions of new Wireless Remote Controller •Weekly Timer

- Backlight
- Dual set point
- Battery replacement sign
- etc...

#### Airflow distributions

![](_page_15_Figure_37.jpeg)

	SERIES SELECTION
Power Inverter Series	Inverter View State Stat
Indoor Unit	Outdoor Unit
<b>R32</b>	R32
R410A	For Single
PKA-M35/50LA(L)2	PUZ-ZM35/50 PUZ-ZM60/71 PUZ-ZM100/125/140
R32           R410A           PKA-M60/71/100KA(L)2	For Multi (Twin/Triple/Quadruple)       Image: Constraint of the second se
Remote Controller	25.00       Optional       (*)       *PKA-M·LAL2 only       (*)       PAC-SH29TC-E is required for LAL and KAL (optional)

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

										Outd	oor Ur	nit Cap	acity								
Indoor	Unit Combination	For Single										For Twin For Triple						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) 3		35x1	50x1	60x1	71x1	100x1	-	-	-	-	35x2	50x2	60×2	71x2	100x2	-	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	M	ISDD-5	50TR2-	-Е	MSDD- 50WR2-E	-	MSE	DT-111	R3-E	MS 1111	DF- R2-E

![](_page_16_Figure_3.jpeg)

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

										Outd	oor U	nit Cap	oacity								
Indoor	Unit Combination	For Single										For Twin							le	For Quadruple	
		35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Standa	Standard Inverter (PUZ-M)		-	-	-	100×1	-	-	-	-	-	50x2	60x2	71x2	100×2	-	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	MSD	D-50T	R2-E	MSDD- 50WR2-E	-	MS	DT-111	R3-E	MS 1111	DF- R2-E

PKA-	M SERIES	White V Vite V Wi-Fi ()) Interface Optione Optione	ing-re-	Check Optional Wiring Reuse Optional Drain Lift Up Optional Option	Pump Flare connection	ACO Auto Restart Coo		Cptional Optional	Control Optional Optional
Type						Inverter H	leat Pump		
Indoor Unit	Ĩ			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			PU7-7M35VKA2	PU7-7M50VKA2	PU7-7M60VKA2	PU7-7M71VHA2	PU7-7M100VKA2	PU7-7M100YKA2
Refrigerant	(*1)					B	32		
Power	Source					Outdoor or	wer supply		
Supply	Outdoor(V/Phase/Hz)					VKA • VHA·230/Single	/50 YKA:400/Three/50		
Cooling	Capacity	Rated	kW	3.6	4.6	6.1	7.1	9.5	9.5
<b>J</b>		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 <sup>(*4)</sup>			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
•	11	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 <sup>(*4)</sup>			4.0	4.3	4.2	4.3	4.4	4.4
		Energy efficiency class		A+	A+	A+	A+	A+	A+
Operating	Current(Max)		A	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)		A	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)	(65)	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-IVII2-IVII1-HI)	(SPL)	dB(A)	34-37-40-43	34-37-40-43	39-42-45	39-42-45	41-45-49	41-45-49
Outdoor	Dimonoiono	H*W/*D	(IDE)	00	00 000 000	042.050.220(+.25)	042.050.220(+.25)	1000 1050 000(- 40)	1000 1050 000(+ 40)
Unit	Weight	n w D	ka	030-809-300	030-809-300	943-950-330(+25)	943-950-330(+25)	1338-1050-330(+40)	1338-1050-330(+40)
Unit	Air Volume	Cooling	ky m2/min	40	40	67	6/	110	110
	All volume	Heating	m2/min	45	45	55	55	110	110
	Sound Loval (SPL)	Cooling	dR(A)	45	43	33	47	110	40
	Sound Lever (SFL)	Heating		44	44	47	47	43 E1	49 E1
	Sound Level (PWL)	Cooling	dB(A)	40	40	49	43	69	69
	Operating Current/Max)	loogung		12	12	10	10	20	03
	Breaker Size		Δ	16	16	25	25	32	16
Ext Pining	Diameter <sup>(*5)</sup>	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
-ALL IPING	Max Length	Out-In	m	50	50	55	55	100	100
	Max Height	Out-In	m	30	30	30	30	30	30
Guarantee	d Operating Bange(Outdoor)	Cooling <sup>(*3)</sup>	°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
			-						

Control Pure White VANE Check State State Check State State

Interpret the state of the s

'ΚΔ-		Optional		Optional	Optional Optional Optional
STANDA	RD INVERTER	Wi-Fi )) Interface COMPO	ing-iree, e reuse	Wiring Drain Pump Flare Set Failure Recal	
[vne		Optional		Optional Optional	aat Dump
door Uni	it			PKA-M100KA2	PKA-M100KA2
utdoor U	Init			PU7-M100VKA2	PU7-M100YKA2
frigeran	† <sup>(*1)</sup>			B3	2
wer	Source			Outdoor.poy	ver supply
vlagu	Outdoor(V/Phase/Hz)			VKA • VHA·230/Single/	50 YKA:400/Three/50
olina	Capacity	Bated	kW	9.5	9.5
Joining	oupuoity	Min-Max	kW	4.0-10.6	4.0-10.6
	Total Input	Bated	kW/	2 0/1	2.0/1
	FFR	Indica		2.341	2.041
	Design load		L/V/	9.5	0.5
	Annual electricity consume	ntion (*2)	kWh/a	573	573
	SFER(*4)			59	59
	OLLA"	Energy efficiency class		J.0	0.0
anting	Capacity	Bated	K10/	A+ 11.0	A+ 11.2
aung	Capacity	Nip May	KVV LAA/	11.2	11.2
	Tetallasit	Data d	KVV	2.8 - 12.5	2.8 - 12.5
		haled	KVV	3.284	3.284
	Desire land		13.67	3.41	3.41
	Design load	T	KVV	8.0	8.0
	Declared Capacity	at reference design temperature	KVV	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	2780	2780
	SCOP <sup>(*4)</sup>			4.0	4.0
		Energy efficiency class		A+	A+
peratinç	g Current(Max)		A	20.6	12.1
door	Input [cooling / Heating ]	Rated	kW	0.08 / 0.07	0.08 / 0.07
nit	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)	(SPL)	dB(A)	41-45-49	41-45-49
	Sound Loval (PWI)		dB(A)	65	65
	Sound Level (F VVL)	H*W*D	mm	981-1050-330 (+40)	981-1050-330(+40)
utdoor	Dimensions		kg	76	78
utdoor nit	Dimensions Weight	-			70
utdoor nit	Dimensions Weight Air Volume	Cooling	m3/min	79	/9
utdoor nit	Dimensions Weight Air Volume	Cooling Heating	m3/min m3/min	79 79	79 79
utdoor nit	Dimensions Weight Air Volume Sound Level (SPL)	Cooling Heating Cooling	m3/min m3/min dB(A)	79 79 51	79 79 51
utdoor nit	Sound Level (SPL)	Cooling Heating Cooling Heating	m3/min m3/min dB(A) dB(A)	79 79 51 54	79 79 51 54
itdoor iit	Sound Level (SPL) Sound Level (SPL) Sound Level (SPL)	Cooling Heating Cooling Heating Cooling	m3/min m3/min dB(A) dB(A) dB(A)	79 79 51 64 70	79 79 51 54 70
itdoor hit	Sound Level (PWL) Sound Level (SPL) Sound Level (PWL) Operating Current(Max)	Cooling Heating Cooling Heating Cooling	m3/min m3/min dB(A) dB(A) dB(A) A	79 79 51 54 70 20.0	79 79 51 54 70 11.5
itdoor hit	Sound Level (PWL) Dimensions Weight Air Volume Sound Level (SPL) Sound Level (PWL) Operating Current(Max) Breaker Size	Cooling Heating Cooling Heating Cooling	m3/min m3/min dB(A) dB(A) dB(A) A A	79 79 51 54 70 20.0 32	79 79 51 54 70 11.5 16
utdoor hit	Sound Level (VUL) Dimensions Weight Air Volume Sound Level (SPL) Sound Level (PWL) Operating Current(Max) Breaker Size Diameter <sup>res</sup>	Cooling Heating Cooling Heating Cooling Liquid/Gas	m3/min m3/min dB(A) dB(A) dB(A) A A A mm	79 79 51 54 70 20.0 32 9.52/15.88	79 79 51 54 70 11.5 16 9.52/15.88
ıtdoor nit t.Piping	Sound Level (PWL) Dimensions Weight Air Volume Sound Level (SPL) Sound Level (PWL) Operating Current(Max) Breaker Size Diameter <sup>158</sup> Max.Length	Cooling Heating Cooling Heating Cooling Cooling	m3/min m3/min dB(A) dB(A) dB(A) A A A mm m	79 79 51 54 70 20.0 32 9.52/1588 55	79 79 51 54 70 11.5 16 9.52/15.88 55
utdoor nit ct.Piping	Sound Level (NL) Dimensions Weight Air Volume Sound Level (SPL) Sound Level (PWL) Operating Current(Max) Breaker Size Diameter <sup>45</sup> Max.Length Max.Height	Cooling Heating Cooling Heating Cooling Liquid/Gas Out-In Out-In	m3/min m3/min dB(A) dB(A) dB(A) A A A mm m m m	79 79 51 54 70 20.0 32 9.52 / 15.88 55 30	79 79 51 54 70 11.5 16 9.52/15.88 55 30
utdoor nit xt.Piping	Sound Level (NUL) Dimensions Weight Air Volume Sound Level (SPL) Sound Level (PWL) Operating Current(Max) Breaker Size Diameter <sup>res</sup> Max.Length Max.Length Max.Height	Cooling Heating Cooling Heating Cooling Liquid/Gas Out-In Out-In Cooling <sup>128</sup>	m3/min m3/min dB(A) dB(A) dB(A) A A A mm m m °C	79 79 51 54 70 20.0 32 9.52/15.88 55 30 -15 = ±66	79 79 51 54 70 11.5 16 9.52/15.88 55 30 -15 = 446

\*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.

![](_page_17_Figure_0.jpeg)

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

										Outd	oor Ui	nit Cap	acity								
Indoor	Unit Combination	For Single										For Twin						or Trip	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) 3		35x1	50x1	60x1	71x1	100x1	-	-	-	-	35x2	50x2	60x2	71x2	100x2	-	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	Ν	/ISDD-	50TR-I	E	MSDD- 50WR-E	-	MSI	DT-111	IR-E	MS 1111	DF- 1R-E

![](_page_17_Figure_3.jpeg)

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

										Outd	oor U	nit Cap	pacity								
Indoor	Unit Combination				Fo	or Sing	Jle				For Twin For							or Trip	le	For Quadrupl	
		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)	-	-	-	-	100x1	-	-	-	-	-	50x2	60×2	71x2	100x2	-	50x3	60×3	71x3	50x4	60x4
Distribution Pipe         -         -         -         -         -         -         MSD		DD-50	ΓR-E	MSDD- 50WR-E	_	MS	DT-111	IR-E	MSDF-1	1111R-E											

	Marsura	Optional		Optional				Optional Optional	Optional Optional
L IVY.	SERIES	us mail				Tailura			
POWER	INVERTER	WI-FI W COMPO	e reuse	Reuse Lift In	connection				
		Optional	9	Optional Optional		lagnosis			
Turne									
туре				DKA MOELA/U)2	DKA MEOLA/U)2	DKA MCOKA(L)2		DKA M100KA/U)2	DKA M100KA/U)2
Indoor Uni	-14			PNA-IVI35LA(L)Z	PNA-IVIDULA(L)Z	PNA-IVIOUNA(L)Z	PNA-IVI/ INA(L)Z	PKA-IVITUUKA(L)Z	PKA-IVITUUKA(L)Z
Duldoor U	rniL *(*1)			PUHZ-ZHP35VKAZ	PUHZ-ZRPSUVNAZ	PUHZ-ZRPOUVKAZ		PUHZ-ZRPTUUVNA3	PUHZ-ZRP IUUT KA3
Reingeran	Source					Outdoor pr			
Supply	Outdoor()//Phase/Hz)								
Cooling	Capacity	Rated	L/M	2.6	4.6	C 1	7 1	0.5	0.5
cooning	Capacity	Min Max	L/V/	3.0	4.0	0.1	22.01	3.0	3.5
	Total Input	Rated	L/V/	1.0 - 4.5	2.3-3.4	2.7-0.7	1 002	4.9-11.4	4.3 - 11.4
		nateu	NVV.	2.90	2.02	2.01	2.04	2.330	2.330
	Design load		1111	3.60	3.23	6.1	7.1	0.5	3.50
	Appual electricity concum	tion <sup>(*2)</sup>	k/M/b/a	3.0	4.0	0.1	7.1	5.0	5.0
	SEER(*4)	, doin	Kuunia	6.1	6.1	65	67	6.2	6.2
		Energy efficiency class		0.1	0.1	0.0	0.7	0.5	0.2
Heating	Canacity	Rated	KW.	ATT // 1	50	70	80	11.2	11.2
incuting		Min-Max	kW	16-52	25-73	28-82	35-102	45-140	45-140
	Total Input	Bated	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 consume	tion (*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+
Operating	Current(Max)		A	13.4	13.4	19.4	19.4	27.1	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)		A	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/mir	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
0.11	Sound Level (PWL)	11814180	dB(A)	60	60	64	64	65	65
Outdoor	Dimensions	H^W^D	mm ka	630-809-300	630-809-300	943-950-330(+30)	943-950-330(+30)	1338-1050-330(+40)	1338-1050-330(+40)
Unit	vveight	Castian	Kg	43	46	70	70	116	123
	Air volume	Looting	1113/1111 m2/mir	45	45	55	55	110	110
	Cound Lovel (CDL)	Cooling	dP(A)	45	45	22	22	110	110
	Soulid Level (SFL)	Leating		44	44	47	47	49	49 E1
	Sound Lovel (BW/L)	Cooling		40	40	40	40	51	51
	Operating Current/Max	Cooling		12	12	10	10	26.5	03
	Breaker Size		Δ	16	16	25	25	20.0	16
Ext Pipipe	Diameter <sup>(*5)</sup>	Liquid/Gas	mm	6 35 / 12 7	635/127	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
Everaphilit	May Length	Out-In	m	50	50	50	50	75	75
	Max Height	Out-In	m	30	30	30	30	30	30
Guarante	ad Operating Bange(Outdoor)	Cooling <sup>(*3)</sup>	°C	-15 - +/6	-15 - +/6	-15 - +46	-15 - +/6	-15 - +46	-15 - +46
Juanaille	ca operating hange(cattool)	Heating	°Č	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21	-20 ~ +21
			. ~						

Demand Pure AUTO Cooling Silen €

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	м	Demand Control Optional	AUTO VANE		Temp Silent Silent Source Ampere Limit Rotation Back-up Optional O
STANDA	TI SERIES RD INVERTER	Wi-Fi )) Interface Optional	Cleaning-Irde,	Wiring Reuse Course Course Drain Liftup Course Cour	
Туре				Inverter	leat Pump
Indoor Uni	it			PKA-M100KA(L)2	PKA-M100KA(L)2
Outdoor U	Init			PUHZ-P100VKA	PUHZ-P100YKA
Refrigeran	t <sup>(*1)</sup>			R4	10A
Power	Source			Outdoor p	ower supply
Supply	Outdoor(V/Phase/Hz)			VKA • VHA:230/Single	e/50, YKA:400/Three/50
Cooling	Capacity	Rated	kW	9.4	9.4
		Min-Max	kW	3.7 - 10.6	3.7 - 10.6
	Iotal Input	Hated	kvv	3.122	3.122
	EEK		11147	3.01	3.01
	Design load	4° (*2)	KVV	9.4	9.4
	Annual electricity consump	tion' -/	kvvn/a	586	586
	SEER' "	Enorgy officiancy close		5.6	5.6
Heating	Conscitu	Poted	LAM/	A+ 11.0	A+
heating	Capacity	Min Max	KVV KVV	11.2	11.2
	Total Input	Rated	KVV KVV	2.8 - 12.3	2.8 - 12.0
	COP	nateu	KVV	3.489	3.489
	Design load		1414/	3.21	3.21
	Design Iodu	at reference design temper		0.0 6.0 ( 10%C)	6.0 (10%C)
	Declared Capacity	at hivelent tomporature		0.0 (-10 C)	7.0 ( 780)
		at operation limit tompora		7.0 (-7 C) 4 E ( 159C)	7.0 (-7 C) 4 E ( 159C)
	Back up heating capacity	at operation innit tempera		4.5 (-15 C)	4.5(-15 C)
	Annual electricity concump	tion (*2)	k\A/b/a	2.0	2.0
	SCOP(*4)		KVVII/d	4.0	2/33
	0001	Energy efficiency class		4.0	4.0
Operating	Current(Max)	Energy enterency cluss	A	20.6	12.1
Indoor	Input (cooling / Heating )	Bated	kW	0.08 / 0.07	0.08/0.07
Unit	Operating Current(Max)	Hateu	A	0.57	0.007 0.07
	Dimensions	H*W*D	mm	365-1170-295	365-1170-295
	Weight		kg	21	21
	Air Volume (Lo-Mi2-Mi1-Hi)		m3/mir	20-23-26	20-23-26
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	dB(A)	41-45-49	41-45-49
	Sound Level (PWL)		dB(A)	65	65
Outdoor	Dimensions	H*W*D	mm	981-1050-330	981-1050-330
Unit	Weight		kg	76	78
	Air Volume	Cooling	m3/mir	79	79
		Heating	m3/mir	79	79
	Sound Level (SPL)	Cooling	dB(A)	51	51
		Heating	dB(A)	54	54
	the support of the su	Looling	dB(A)	70	70
	Sound Level (FVVL)				
	Operating Current(Max)		A	20	11.5
	Operating Current(Max) Breaker Size		A	20 32	11.5 16
Ext.Piping	Operating Current(Max) Breaker Size g Diameter <sup>(15)</sup>	Liquid/Gas	A A mm	20 32 9.52/15.88	11.5 16 9.52 / 15.88
Ext.Piping	Operating Current(Max) Breaker Size g Diameter <sup>(%)</sup> Max.Length	Liquid/Gas Out-In	A A mm m	20 32 9.52/15.88 50	11:5 16 9.52/15.88 50
Ext.Piping	Departing Current(Max) Breaker Size gDiameter <sup>(*5)</sup> Max.Length Max.Height	Liquid/Gas Out-In Out-In	A A mm m m	20 32 9.52/15.88 50 30	11.5 16 9.52/15.88 50

\*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming gotential (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 than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance 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 is protection guide is required where ambient temperature is lower than -8°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.

![](_page_18_Picture_0.jpeg)

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.

![](_page_18_Picture_2.jpeg)

![](_page_18_Picture_3.jpeg)

#### 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.

![](_page_18_Picture_6.jpeg)

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.

![](_page_18_Figure_10.jpeg)

#### **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.

![](_page_18_Figure_13.jpeg)

#### 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.

![](_page_18_Figure_16.jpeg)

#### **Outside-air Intake**

![](_page_18_Figure_18.jpeg)

### 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

![](_page_18_Picture_22.jpeg)

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

										Outd	oor U	nit Cap	pacity								
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
Power	Inverter (PUZ-ZM)	35x1	50x1	60x1	71x1	100×1	125x1	140x1	-	-	35x2	50x2	60×2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	N	ISDD-	50TR2	-E	MS 50W	DD- /R2-E	MSE	DT-111	R3-E	MS 1111	DF- IR2-E

![](_page_18_Figure_25.jpeg)

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

										Outd	oor U	nit Cap	pacity								
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 (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	MS 50W	DD- R2-E	MSE	DT-111	R3-E	MS 1111	DF- R2-E

## PCA-M KA SERIES

## High Low Ceiling L WXZ Wiring Reuse Drain Lift Up Down Connection Connection Failure Recal

Туре								Inverter H	leat Pump				
Indoor Un	it			PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2	PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2	PCA-M140KA2	PCA-M140KA
Outdoor L	Init			PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2	PUZ-ZM100VKA2	PUZ-ZM100YKA2	PUZ-ZM125VKA2	PUZ-ZM125YKA2	PUZ-ZM140VKA2	PUZ-ZM140YKA
Refrigeran	t <sup>(*1)</sup>							R	32				
Power	Source							Outdoor po	ower supply				
Supply	Outdoor(V/Phase/Hz)						VKA • V	/HA:230/Single	/50, YKA:400/7	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 - 15.0	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 consump	otion <sup>(*2)</sup>	kWh/a	197	260	328	371	516	527	-	-	-	-
	SEER <sup>(*4)</sup>			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
		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		1.1.4/	4.02	4.04	4.01	3.71	3./1	3./1	3.54	3.54	3.61	3.61
	Design load		KVV	2.4	3.8	4.4	4./	7.8	7.8	-	-	-	-
	Declared Capacity	at reference design temperature	KVV	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	KVV	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 operation limit temperature	KVV	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	. (*2)	kVV	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
	Annual electricity consump	otion ' -/	kvvn/a	838	1266	1501	1567	2536	2537	-	-	-	-
	SCOP	Francisco de la composición de la composicinde la composición de la composición de la composición de l		4.0	4.2	4.1	4.2	4.3	4.3	-	-	-	-
Onerating	Current(Max)	Energy eniciency class		A+ 12.2	A+	A+	A+	A+	A+	27.2	-	20.0	12.7
Indoor	Input [cooling / Heating ]	Rated		0.04/0.04	0.05/0.05	19.4	19.4	20.7	0.7	27.3	9.0	0.14/0.14	0.14/0.14
Unit	Operating Current(Max)	nateu	Δ	0.0470.04	0.0370.03	0.0070.00	0.0070.00	0.0370.03	0.0370.03	0.1170.11	0.11/0.11	0.1470.14	0.1470.14
ome	Dimensions	H*W*D	mm	230-9	60-680	230-12	280-680	0.00	0.00	230-16	00-680	0.00	0.00
	Weight		ka	25	26	32	32	37	37	38	38	40	40
	Air Volume (Lo-Mi2-Mi1-Hi)		m3/mir	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	24-26-29-33
	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	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(+
Unit	Weight	-	kg	46	46	67	67	105	111	105	114	105	118
	Air Volume	Cooling	m3/mir	45	45	55	55	110	110	120	120	120	120
		Heating	m3/mir	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)		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
Ext.Piping	Diameter	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
	IViax.Length	Out-In	m	50	50	55	55	100	100	100	100	100	100
-	IViax.Height	Out-in	m	30	30	30	30	30	30	30	30	30	30
Guarante	ed Operating Range(Outdoor)	Cooling <sup>13</sup>	°C	-15 ~ +46	-15~+46	-15~+46	-15 ~ +46	-15 ~ +46	-15~+46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating	ľC	-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. This septiance contains a refrigerant with the 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 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 with lowerglobal warming on one where appliance is used and where it is located. \*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.

#### Fresh-air Intake Checki PCA-M KA SERIES MXZ Wiring Reuse Drain Pump Fare connection Constant Recall

iype									IIIVEILEIII	ieat rump				/
Indoor Uni	t				PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2	PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2	PCA-M140KA2	PCA-M140KA2
Outdoor U	nit				SU7-M35VA	SU7-M50VA	SUZ-M60VA	SUZ-M71VA	PU7-M100VKA2	PU7-M100YKA2	PU7-M125VKA2	PU7-M125YKA2	PU7-M140VKA2	PU7-M140YKA2
Refrigeran	t <sup>(*1)</sup>								R	32				
Power	S	ource							Outdoor po	wer supply				
Supply	0	utdoor(V/Phase/Hz)						VA • V	KA-230/Single/	50 YKA-400/T	hree/50			
Cooling	Ť	Capacity	Bated	kW	3.6	5.0	61	71	9.5	95	12 1	12.1	13.4	13.4
	H		Min-Max	kW	08-39	15-56	16-63	22-81	4.0-10.6	4.0 - 10.6	57-130	57-130	57-141	57-141
	H	Total Input	Bated	KW/	0.0 0.0	1.5 5.6	1.649	1 072	2 0/1	2 0/1	1 010	1 010	5 260	5 260
	11	FFR	Hatoa		4.00	2 20	2 70	2.60	2.341	2.041	2.01	2.01	2.50	2.500
	Ь	Design load		KW/	2.6	5.0	6.1	7.1	9.5	9.5	3.01	3.01	2.00	2.30
		Appual electricity consump	tion (*2)	k\A/b/a	3.0	201	222	201	5.52	5.52	-	-	-	
	1	CEED (*4)		KVVII/d	6.2	6.0	6.4	65	6.0	6.0				
		SEEN	Energy officiency close		0.3	0.0	0.4	0.0	0.0	0.0	-	-	-	
Heating		Consoitu	Poted	1214/	A++	A+	A++	A++	A+	A+	10.5	10.5	15.0	15.0
пеациу	H	Capacity	Min Mov	KVV LAA/	4.1	0.0	7.0	8.0	11.2	11.2	13.5	13.5	15.0	10.0
		Tedal langed	Dete d	KVV	1.0-5.0	1.0 - 7.2	1.0-8.0	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
	11		Haled	KVV	1.025	1.01/	1.750	2.210	3.284	3.284	3.958	3.958	4.285	4.285
	Ь	COP		1.3.47	4.00	3.71	4.00	3.61	3.41	3.41	3.41	3.41	3.50	3.50
		Design load	I-+	KVV	2.6	4.3	4.6	5.8	8.0	8.0	-	-	-	
		Declared Capacity	KVV	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 at operation limit temperature			2.3 (-/°C)	3.8 (-/°C)	4.1 (-/°C)	5.2 (-/°C)	7.0 (-/°C)	7.0 (-/°C)	-	-	-	-
			at operation limit temperature	kVV	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	tion <sup>(*2)</sup>	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		A+	A+	A+	A+	A+	A+	-	-	-	-
Operating	j Ci	urrent(Max)		A	8.8	13.9	15.2	15.2	20.7	12.2	27.3	12.3	30.9	12.4
Indoor	In	put [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
Unit	0	perating Current(Max)		A	0.29	0.37	0.39	0.42	0.65	0.65	0.76	0.76	0.90	0.90
	Di	mensions	H*W*D	mm	230-9	60-680	230-12	80-680			230-16	00-680		
	W	eight		kg	25	26	32	32	37	37	38	38	40	40
	Ai	r 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
	Se	ound 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
	Se	bund Level (PWL)		dB(A)	60	60	60	62	63	63	65	65	68	68
Outdoor	וט	mensions	H^WV^D	mm	550-800-285	/14-800-285	880-840-330	880-840-330	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)
Unit	w	eight		kg	35	41	54	55	76	78	84	85	84	85
	A	r 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
	S	ound 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
	S	Sound Level (PWL) Cooling		dB(A)	59	64	65	66	70	70	72	72	73	73
	0	Operating Current(Max)			8.5	13.5	14.8	14.8	20	11.5	26.5	11.5	30	11.5
	Br	Breaker Size			10	20	20	20	32	16	32	16	40	16
Ext.Piping	Di	ameter <sup>(*5)</sup>	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
	M	ax.Length	Out-In	m	20	30	30	30	55	55	65	65	65	65
	M	ax.Height	Out-In	m	12	30	30	30	30	30	30	30	30	30
Guarante	ed	Operating Range(Outdoor)	Cooling <sup>(*3)</sup>	°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

\*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 lower global warming potential (GWP) would contribute less to global warming than a refrigerant with lower global warming would be 550 this means that if 1 kg of this refrigerant fluid with a GVP 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 as 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 –6\*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.

	SERIES SE
Power Inverter Series	Invert
Indoor Unit	Outdoor Unit
R32	R410A
R410A	For Single
PCA-M35/50/60/71/100/125/140KA2	<b>R410A</b> For Multi (Twin/Triple/Quadru
Remote Controller	25or

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

										Outd	loor U	nit Cap	pacity								
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
Power	Inverter (PUHZ-ZRP)	35x1	50x1	60x1	71x1	100×1	125x1	140x1	-	-	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	1	NSDD-	-50TR-	E	MS 50V	DD- VR-E	MS	DT-11	IR-E	MS 111	DF- 1R-E

![](_page_19_Figure_12.jpeg)

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

										Outd	oor U	nit Ca	oacity								
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	100×1	125x1	140x1	-	-	-	50x2	60x2	71x2	100×2	125x2	50x3	60x3	71x3	50x4	60x4
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	MSI	DD-50	TR-E	MS 50V	DD- VR-E	MS	DT-11	1R-E	MS 111	DF- 1R-E

![](_page_19_Figure_16.jpeg)

## PCA-M KA SERIES

### Wiring Drain Reuse Lift Up

Indoor Unit         CPCA-M35KA2 (PCA-M35KA2 (PCA-M10KA2) (PCA-M1A4) (PCA-M1A4AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Type								inverter r	leat Pump				
Dutdoor Unit Befrigenan <sup>110</sup> PU#22PP3/NA2         PU#23PP3/NA2         PU#23P3/NA2         PU#23P3/NA2<	Indoor Uni	it			PCA-M35KA2	PCA-M50KA2	PCA-M60KA2	PCA-M71KA2	PCA-M100KA2	PCA-M100KA2	PCA-M125KA2	PCA-M125KA2	PCA-M140KA2	PCA-M140KA
The figure are "         PAID	Outdoor U	Init			PUH7-7RP35VKA2	PUH7-7RP50VKA2	PUHZ-ZRP60VHA2	PUH7-7RP71VHA2	PUH7-7RP100VKA3	PUH7-7RP100YKA3	PUH7-7RP125VKA3	PUH7-7RP125YKA3	PUH7-7RP140VKA3	PUHZ-ZRP140YK/
Bource         Outdoort//Phase/Hz)         Outdoort//Phase/Hz)         Outdoort//Phase/Hz)         Outdoort//Phase/Hz)           Cooling         Capacity         Min-Max         kW         3.6         5.0         6.1         7.1         3.8.11         4.9.11.4         6.9.5         5.7           Total Input         Rated         kW         0.657         1.3.51         1.094         1.8.21         2.4.17         2.4.11.4         5.5         5.7           Design load         kW         3.6         5.0         6.1         7.1         9.5         9.5         -           Besign load         kW         3.6         6.0         6.1         7.1         9.5         9.5         -           Heating         Capacity         Rated         kW         3.6         7.0         8.0         3.90         3.90         3.9         3.90         3.9         3.90         3.9         3.90         3.9         3.90         3.9         3.9         3.9         3.9         3.9         3.9         3.9         3.9         3.9         3.8         3.8         3.8         3.8         3.8         3.8         3.8         3.6         3.8         3.6         3.8         3.6         3.8         3	Befrigeran	t <sup>(*1)</sup>							R/	104				
Supply         Outdoor/V/Phase/Hz)         VKA - VHA-220S/mgle60, YKA-400/FWEe/50           Cooling         Capacity         Rated         k/W         3.6         5.0         6.1         7.1         9.5         9.5         72.           Total Input         Min-Max         k/W         1.6.4.5         2.3 - 5.6         2.7 - 6.7         3.3 -8.1         4.9 - 11.4         5.0         -11.2         1.12         1.12         1.12         1.12         1.12         1.12         1.12         1.12         1.12         1.12         1.12         1.14         4.11         5.5         7.0         8.0         1.12         1.12         1.12         1.12         1.12         1.12         <	Power	Source							Outdoor p					
Subply         Chick of the 200 string and the 200 string	Supply	Outdoor()//Phose/Hz)						\//< A . \	/UA-220/Cia ala					
Cooling         Capacity         Inite Max         (VV         3.8         5.0         6.1         7.1         9.5         9.5         1.2           Total Input         Rated         (VV         0.877         1.361         1.661         7.1         9.5         9.5         1.2         1.4         9.5         1.4         9.5         1.4         9.5         1.35         3.3         3.4         4.4         4.7         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8         7.8 <t< th=""><th>Supply</th><th>Outdoor(V/Filase/H2)</th><th></th><th>1.1.67</th><th></th><th>= 0</th><th></th><th>VNA</th><th>VHA:230/Single</th><th>2/50, TNA:400/1</th><th>nree/50</th><th></th><th></th><th></th></t<>	Supply	Outdoor(V/Filase/H2)		1.1.67		= 0		VNA	VHA:230/Single	2/50, TNA:400/1	nree/50			
Imm         Mm-Max         RVM         16.4-5         2.3-6.1         2.3-6.1         4.9-11.4         4.9-11.4         4.5-1.3           Total Input EER         419         3.73         3.67         3.90         3.33         3.90         3.33           Annual electricity consumption <sup>179</sup> KVM /a         3.02         2.82         3.40         3.67         5.42         5.53         -           FER*"         C2         6.1         6.2         6.7         6.1         6.0         -         6.1         6.0         -         6.1         6.0         -         -         5.53         -         -         5.53         -         -         6.1         6.0         -         6.1         6.0         -         6.1         6.0         -         6.1         6.0         -         6.1         6.0         -         6.1         6.0         0.0         1.12         1.12         1.1         1.4         4.5         1.0         0.4         1.0         4.5         1.0         4.5         1.0         0.4         1.0         0.0         1.0         0.2         3.6         3.6         3.6         3.6         3.6         3.6         3.6         3.6         3.6	Cooling	Capacity	Rated	KVV	3.6	5.0	6.1	/.1	9.5	9.5	12.5	12.5	13.4	13.4
Intel input         Rated         Ivv         0.887         1.351         1.694         1.821         2.417         2.435         3.90         3.93         3.90         3.93         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91         3.90         3.91 <th></th> <th></th> <th>Min-Max</th> <th>kW</th> <th>1.6 - 4.5</th> <th>2.3 - 5.6</th> <th>2.7 - 6.7</th> <th>3.3 - 8.1</th> <th>4.9 - 11.4</th> <th>4.9 - 11.4</th> <th>5.5 - 14.0</th> <th>5.5 - 14.0</th> <th>6.2 - 15.0</th> <th>6.2 - 15.0</th>			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
EER         4.19         3.73         3.67         3.90         3.93         3.90         3.1           Annual electricity consumption" <sup>20</sup> WW 3.6         5.0         6.1         7.1         9.5         9.5            SEER. <sup>16</sup> Energy efficiency class         A++         A+         A+<		Total Input	Rated	kW	0.857	1.351	1.694	1.821	2.417	2.435	3.980	3.980	3.952	3.952
Design load         IVV         3.6         5.0         6.1         7.1         9.5         9.5           SEER.**         Wh0         202         282         340         367         542         553            Heating         Energy efficiency class         A++         A+         A+         A++         A++         A+         <		EER			4.19	3.73	3.67	3.90	3.93	3.90	3.14	3.14	3.39	3.39
Annual electricity consumption <sup>179</sup> WWh/a         2022         282         340         367         542         553         1           SEER <sup>1*a</sup> 6.2         6.1         6.2         6.7         6.1         6.0         -           Heating         Rated         kW         4.1         5.5         7.0         8.0         11.2         11.2         14.1           Total Input         Rated         kW         1.6.5.2         2.5.6.6         2.8.8.2         3.5.10.2         4.5.14.0         5.0.1         7.0.17.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         7.8.107.0         <		Design load		kW	3.6	5.0	6.1	7.1	9.5	9.5	-	-	-	-
SEER***         Energy efficiency class         A++         A+		Annual electricity consume	otion(*2)	kWh/a	202	282	340	367	542	553	-	-	-	_
Heating         Energy efficiency class         D-1         D-1 <thd-1< th="">         D-1<!--</th--><th></th><th>SEER(*4)</th><th></th><th></th><th>6.2</th><th>6.1</th><th>6.2</th><th>6.7</th><th>6.1</th><th>6.0</th><th>_</th><th></th><th>_</th><th></th></thd-1<>		SEER(*4)			6.2	6.1	6.2	6.7	6.1	6.0	_		_	
Heating         Capacity         Interruptions         Att			Energy efficiency class		Δ±±	Δ++	Δ±±	Δ++	Δ++	Δ_				
Initial of the second	Heating	Capacity	Bated	1×1×1	4.1	55	70	80	11.2	11.2	14.0	14.0	16.0	16.0
Index         I/W         I/W         I/B         I/B </th <th>nearing</th> <th>Capacity</th> <th>Min Max</th> <th>LAA/</th> <th>4.1</th> <th>0.0</th> <th>7.0</th> <th>0.0</th> <th>45 140</th> <th>45 140</th> <th>F 0 10 0</th> <th>F 0 10 0</th> <th>5 7 10.0</th> <th>57,100</th>	nearing	Capacity	Min Max	LAA/	4.1	0.0	7.0	0.0	45 140	45 140	F 0 10 0	F 0 10 0	5 7 10.0	57,100
Index         Index <t< th=""><th></th><th>Tetal Innut</th><th></th><th>LVA/</th><th>1.0-0.2</th><th>2.0-0.0</th><th>2.0 - 0.2</th><th>3.3 - 10.2</th><th>4.0 - 14.0</th><th>4.0 - 14.0</th><th>0.004</th><th>5.0 - 10.0</th><th>0.7-10.0</th><th>0.7 - 10.0</th></t<>		Tetal Innut		LVA/	1.0-0.2	2.0-0.0	2.0 - 0.2	3.3 - 10.2	4.0 - 14.0	4.0 - 14.0	0.004	5.0 - 10.0	0.7-10.0	0.7 - 10.0
LOP         4.02         3.79         3.63         3.84         3.68         3.86 <th< th=""><th></th><th></th><th>Rated</th><th>KVV</th><th>1.019</th><th>1.450</th><th>1.930</th><th>2.197</th><th>3.043</th><th>3.043</th><th>3.804</th><th>3.804</th><th>4.5/1</th><th>4.5/1</th></th<>			Rated	KVV	1.019	1.450	1.930	2.197	3.043	3.043	3.804	3.804	4.5/1	4.5/1
Design load         twv         2.4         3.8         4.4         4.7         7.8         7.8         7.8           Declared Capacity         at reference design temperature         k/W         2.4 (-10°C)         3.8 (-10°C)         4.4 (-10°C)         7.8 (-10°C)		COP			4.02	3.79	3.63	3.64	3.68	3.68	3.68	3.68	3.50	3.50
Declared Capacity         at inference design temperature, kW         2.4 (-10°C)         3.8 (-10°C)         4.7 (-10°C)         7.8 (-10°C)		Design load		kW	2.4	3.8	4.4	4.7	7.8	7.8	-	-	-	-
at operation limit temperature at operation limit temperature by operation limit temperature at operation limit temperature by operation limit temperature at operation limit temperature by oper		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)	-	-	-	-
Index         Index <t< th=""><th></th><th></th><th>at bivalent temperature</th><th>kW</th><th>2.4 (-10°C)</th><th>3.8 (-10°C)</th><th>4.4 (-10°C)</th><th>4.7 (-10°C)</th><th>7.8 (-10°C)</th><th>7.8 (-10°C)</th><th>-</th><th>-  </th><th></th><th>-</th></t<>			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)	-	-		-
Back up heating capacity         kW         0.0 <th></th> <th></th> <th>at operation limit temperature</th> <th>kW</th> <th>2.2 (-11°C)</th> <th>3.7 (-11°C)</th> <th>2.8 (-20°C)</th> <th>3.5 (-20°C)</th> <th>5.8 (-20°C)</th> <th>5.8 (-20°C)</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th>			at operation limit temperature	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)	-	-	-	-
Image lectricity consumption <sup>1/20</sup> kWh/a         817         1259         1461         1522         2784         2785		Back up heating capacity	• •	kW	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
SCOP*4         A1         4.1         4.2         4.2         4.3         3.9 </th <th></th> <th>Annual electricity consume</th> <th>otion (*2)</th> <th>kWh/a</th> <th>817</th> <th>1259</th> <th>1461</th> <th>1522</th> <th>2784</th> <th>2785</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th>		Annual electricity consume	otion (*2)	kWh/a	817	1259	1461	1522	2784	2785	-	-	-	-
Energy efficiency class         A+		SCOP(*4)			4.1	4.2	4.2	4.3	3.9	3.9	-	-	-	-
Operating Current(Max)         A         13.3         13.4         19.4         19.4         27.2         8.7         27.1           Indoor         Input (cooling / Heating ]         Rated         k/V         0.04/0.04         0.06/0.06         0.06/0.06         0.09/0.09         0.09/0.09         0.11/1           Unit         Operating Current(Max)         A         0.29         0.37         0.39         0.42         0.65         0.66         0.06/0.06         0.09/0.09         0.09/0.09         0.11/1           Unit         Operating Current(Max)         A         0.29         0.37         0.39         0.42         0.65         0.66         0.66         0.66         0.66         0.67         0.73         38           Weight         kg         25         26         32         37         37         38         37.394.143         37.394.1143			Energy efficiency class		Δ_	Δ_	Δ_	Δ_	Δ	Δ	-	-	-	-
Operating Current(Max)         PA         1.03.0         1.03	Operating	Current(Max)	Energy enterency class	Δ	12.2	12.4	10.4	10.4	27.2	97	27.2	10.2	28.0	12.0
Index (boding / nearing )         I	Operating		Dete d	A	13.3	13.4	13.4	13.4	27.2	0.7	27.3	10.3	20.3	13.9
Unit         Upgerating Current(Max)         µ         0.1 <th0.1< th=""> <th0.1< th="">         0.1</th0.1<></th0.1<>	Indoor	Input [cooling / Heating ]	Rated	KVV	0.04/0.04	0.05/0.05	0.06/0.06	0.06/0.06	0.0970.09	0.09/0.09	0.11/0.11	0.11/0.11	0.14/0.14	0.14/0.14
Dimensions         (H*W*D         (mm         223940-080         22301280-080-080         22301280-080-080         22301280-080-080         22301280-080-080         22301280-080-080-080         22301280-080-080-080         22301280-080-080-080	Unit	Operating Current(Iviax)	11214/20	A	0.29	0.37	0.39	0.42	0.05	C0.U	0.76	0.76	0.90	0.90
Weight         ispace		Dimensions	H^VV^D	mm	230-9	60-680	230-12	280-680	07	07	230-16	00-680	10	40
Air Volume (Lo-Miz-Mi1-Hi)         (m/min         (10+11-12+1)         (10+		Weight		Kg	25	26	32	32	3/	3/	38	38	40	40
Sound Level (Lo-Mi2-Mi1-Hi) (SPL)         (bl(A)         31-33-33         32-34-37-40         33-35-37-40         55-37-30         37-39-11-33         37-39-11-110         110         122           Unit         Weight         Cooling         dB(A)         45         45         55         55         110         110         120           Sound Level (PWL)         Cooling         dB(A)         46         46         48         48         51         51         55         51		Air Volume (Lo-IVII2-IVII1-HI)	(651)	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 (PWL)         (b1c)         (b1c) <th></th> <th>Sound Level (Lo-Mi2-Mi1-Hi)</th> <th>(SPL)</th> <th>dB(A)</th> <th>31-33-36-39</th> <th>32-34-37-40</th> <th>33-35-37-40</th> <th>35-37-39-41</th> <th>37-39-41-43</th> <th>37-39-41-43</th> <th>39-41-43-45</th> <th>39-41-43-45</th> <th>41-43-45-48</th> <th>41-43-45-48</th>		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
Outcoor         Dimensions         (H*V*D)         (mm)         632/803-301         632/803/801/8301/8301/8301/8301/8301/8301/8		Sound Level (PVVL)	1	(A)	60	60	60	62	63	63	65	65	68	68
Unit         Weight         Kg         43         46         70         70         116         123         111           Air Volume         Cooling         m3/min         45         45         55         55         110         110         122           Heating         m3/min         45         45         55         55         110         110         122           Sound Level (SPL)         Cooling         dB(A)         44         44         47         47         49         49         50           Sound Level (PWL)         Cooling         dB(A)         46         46         48         48         51         51         52           Operating Current(Max)         A         13         13         19         19         26.5         8         26.0           Breaker Size         A         16         16         25         25         32         16         32           Ext.Piping         Diameter <sup>4%</sup> Liquid/Gas         mm         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         9.52/15.88         9.52         4.5         55<	Outdoor	Dimensions	H*W*D	mm	630-809-300	630-809-300	943-950-330(+30)	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
Air Volume         Cooling         m3/min         45         45         55         55         110         110         122           Sound Level (SPL)         Cooling         dB(A)         44         44         47         47         49         49         50           Heating         dB(A)         44         44         47         47         49         49         50           Heating         dB(A)         46         46         48         48         51         51         55           Sound Level (PWL)         Cooling         dB(A)         65         65         67         67         69         69         70           Operating Current(Max)         A         13         13         19         19         26.5         8         26.5           Breaker Size         A         16         25         25         32         16         32           Max.Length         Out-In         m         6.35/12.7         6.35/12.7         5.52/15.88         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         9.52/15.88         9.52/15.88         9.52/15.88         9.52/15.88         9.52/15.88	Unit	Weight		kg	43	46	70	70	116	123	116	125	118	131
Heating         m3/min         45         45         55         55         110         110         122           Sound Level (SPL)         Cooling         dB(A)         44         44         47         47         49         49         50           Sound Level (SPL)         Cooling         dB(A)         46         46         48         48         51         51         52           Sound Level (PWL)         Cooling         dB(A)         65         65         67         67         69         69         70           Operating Current(Max)         A         13         13         19         19         26.5         8         26.1           Breaker Size         A         16         16         25         25         32         16         32           Max.Length         Out-In         m         50         50         50         75         75         75           Max.Height         Out-In         m         30         30         30         30         30         30         30         30         30         30         30         30         30         30         30         30         30         30         30		Air Volume	Cooling	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           Beaker         Heating         dB(A)         46         46         48         48         51         51         52           Operating Current(Max)         Cooling         dB(A)         65         65         67         67         69         69         70           Operating Current(Max)         A         13         13         19         19         26.5         8         26.           Breaker Size         A         16         62         25         32         16         32           Ext.Piping Diameter*®         Liquid/Gas         mm         6.35/12.7         6.35/12.7         9.52/15.88         <			Heating	m3/min	45	45	55	55	110	110	120	120	120	120
Heating         dB(A)         46         46         48         48         51         51         552           Sound Level (PWL)         Cooling         dB(A)         65         65         67         67         69         69         70           Operating Current(Max)         A         13         13         19         19         26.5         8         26.           Breaker Size         A         16         16         25         25         32         16         32.           Kr.Pijong Diameter <sup>(ms)</sup> Liquid/Gas         mm         6.35/12.7         6.35/12.7         9.52/15.88		Sound Level (SPL)	Cooling	dB(A)	44	44	47	47	49	49	50	50	50	50
Sound Level (PWL)         Cooling         dB(A)         65         65         67         67         69         69         70           Operating Current(Max)         A         13         13         19         19         26.5         8         26.           Breaker Size         A         16         16         25         25         32         16         32           Ext.Piping Diameter <sup>459</sup> Liquid/Gas         mm         6.35/12.7         6.35/12.7         9.52/15.88         9.52			Heating	dB(A)	46	46	48	48	51	51	52	52	52	52
Operating Current(Max)         A         13         13         19         19         26.5         8         26.5           Breaker Size         A         16         16         25         25         32         16         32           Ext.Piping Diameter*®         Liquid/Gas         mm         6.35/12.7         6.35/12.7         6.35/12.7         6.35/12.7         6.35/12.7         6.35/12.7         6.35/12.7         6.35/12.7         6.35/12.7         6.35/12.7         6.35/12.7         7.5         75		Sound Level (PWL)	Cooling	dB(A)	65	65	67	67	69	69	70	70	70	70
Breaker Size         A         16         16         16         25         32         16         32           Ext.Piping         Diameter***         Liquid/Gas         mm         6.35/12.7         6.35/12.7         9.52/15.88         9.52		Operating Current(Max)		Δ	13	13	19	19	26.5	8	26.5	9.5	28	13
Ext.Piping/Diameter*®         Liquid/Gas         mm         6.35/12.7         6.35/12.7         9.52/15.88         9.52/1		Breaker Size		Δ	16	16	25	25	32	16	32	16	40	16
Max.Length         Out-In         m         50         50         50         75         75           Max.Height         Out-In         m         30         30         30         30         30         30           Guaranteed Operating Range(Outdoor)         Cooling <sup>*30</sup> °C         -15 ~ +46         -15 ~ +4	Ext Pining	Diameter <sup>(*5)</sup>	Liquid/Gas	mm	6 35 / 12 7	635/127	9.52/15.99	9 52 / 15 99	9.52 / 15.99	9.52 / 15.99	9.52/15.99	9.52/15.99	9.52/15.99	9 52 / 15 99
Imax.Length         Out-In         In         SU         SU <thsu< th="">         SU         SU</thsu<>	Exteriping	Movilonath			5.55712.7	5.55712.7	5.52715.00	5.52715.00	75	75	75	75	75	75
μmax.neignt         OUt-in         m         30		Max Usinht	Out-In		30	30	20	30	/5	/5	/5	/5	/5	/5
Guaranteed Operating Range(Outdoor) Cooling * C -15 + 46 + 15 + 46 + 15 + 15 + 16 + 15 + 16 + 15 + 16 + 16	-	Iviax.neight	Out-in	n)	30	30	30	30	30	30	30	30	30	30
	Guarantee	ed Operating Range(Outdoor)	Cooling' *	°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 ~ +20   -20 ~ +21   -20			Heating	l°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 least to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant with the refrigerant with the refrigerant with the refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 times higher than 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 diassemble the product vourself 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.

#### AUTO VANE Restantes High-factory Long Life Check WMAG Restart Low Ceiling Life Ceil PCA-M KA SERIES WI-FI )) Interfaces COMPO MXZ (COMPO MXZ) (COMPO MXZ)

Type								Invortor k	lost Pump				
Indoor Unit	1			PCA M25KA2	PCA MEOKA2	PCA MERKA2	PCA M71KA2	PCA M100KA2	PCA M100KA2	PCA M125KA2	PCA M125KA2	PCA M140KA2	PCA M140KA
Outdoor U	oit			CUT KASEVAG	CLIZ KAEOVAC	CH-IVIOUNAZ	CUZ KA71VAC	DULT D100VKA2	DULT DIOOVKA	DULUZ D125V/KA		DULT D140V/KA	DULIZ D140VK
Befrigeren	(11)			302-NA33VA0	J SUZ-KASUVAU	302-NA00VA0	302-NA71VA0			FURZ-F125VKA			IFUHZ-F1401N
Remor	Source							0	TUA				
Power	Source						1/4	Outdoor po	ower supply				
Supply	Outdoor(V/Phase/Hz)		1114/		= 0		VA·V	KA:230/Single/	50, TNA:400/1	nree/50			
Cooling	Capacity	Hated	KVV	3.6	5.0	5./	/.1	9.4	9.4	12.1	12.1	13.6	13.6
	<b>T</b> ( 11 )	IVIIn-IVIAX	KVV	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
	lotal Input	Rated	KVV	1.050	1.54/	1./22	2.057	3.051	3.051	4.245	4.245	5.643	5.643
	EER			3.43	3.23	3.31	3.45	3.08	3.08	2.85	2.85	2.41	2.41
	Design load	- (64)	KVV	3.6	5.0	5.7	7.1	9.4	9.4	-	-	-	-
	Annual electricity consump	ption (*2)	kWh/a	209	299	325	408	584	584	-	-	-	-
	SEER <sup>(*4)</sup>			6.0	5.8	6.1	6.0	5.6	5.6	-	-	-	-
		Energy efficiency class		A+	A+	A++	A+	A+	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
		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 Input	Rated	kW	1.051	1.519	1.911	2.182	3.373	3.373	4.066	4.066	4.477	4.477
	COP			3.90	3.62	3.61	3.62	3.32	3.32	3.32	3.32	3.35	3.35
	Design load		kW	2.6	4.0	4.8	5.8	8.0	8.0	-	-	-	-
	Declared Capacity	at reference design temperature	kW	2.3 (-10°C)	3.6 (-10°C)	4.0 (-10°C)	5.2 (-10°C)	6.0 (-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+	-	-	-	-
Operating	Current(Max)		A	8.5	12.4	14.4	16.5	20.7	12.2	27.3	12.3	30.9	12.4
Indoor	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
Unit	Operating Current(Max)		A	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/mir	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	880-840-330	880-840-330	880-840-330	981-1050-330	981-1050-330	981-1050-330	981-1050-330	981-1050-330	981-1050-33
Unit	Weight		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
		Heating	m3/min	34.8	44.6	49.2	48.2	79	79	92	92	92	92
	Sound Level (SPL)	Cooling	dB(A)	49	52	55	55	51	51	54	54	56	56
		Heating	dB(A)	50	52	55	55	54	54	56	56	57	57
	Sound Level (PWL)	Cooling	dB(A)	62	65	65	69	70	70	72	72	75	75
	Operating Current(Max)		A	8.2	12	14	16.1	20	11.5	26.5	11.5	30	11.5
	Breaker Size		A	10	20	20	20	32	16	32	16	40	16
Ext.Piping	Diameter <sup>(*5)</sup>	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	50	50	50	50	50	50
	Max.Height	Out-In	m	12	30	30	30	30	30	30	30	30	30
Guarantee	d Operating Range(Outdoor)	Cooling <sup>(*3)</sup>	°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

\*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute leak 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 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 versel. He was a sefficient with the refrigerant with the 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 versel. He of the the refrigerant with the refrigerant 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.

39

![](_page_20_Picture_11.jpeg)

#### **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.

#### 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.

![](_page_20_Picture_21.jpeg)

#### 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.

![](_page_20_Figure_24.jpeg)

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

![](_page_20_Picture_26.jpeg)

![](_page_20_Picture_27.jpeg)

Oil mist filter

![](_page_20_Picture_29.jpeg)

the filter out

#### **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.

![](_page_20_Figure_33.jpeg)

	SERIE	S SELECT	IUN						
	<b>U</b> LITE			100-250			71	Dowor	71 Hant Pauline
Power Inverter Series		Inverter	ap Vector Sine Wave	DC Scroll	DC Fan Motor	VVV Vector-Wave	PAM	Receiver	Grooved Pping
Indoor Unit	Outdoor Unit			1.5	Re	emote (	Control	ller	
<b>R32</b>	<b>R32</b>			H		Anne Second a Mag		+-	
R410A	For Single					0 #28.5 c R+		25.oc	1
			PUZ-ZN	171		Optional	0	ptional	Optional
	<b>R32</b>			1		201-1			
	For Multi			-					
PCA-M71HA2	(Twin/Triple)					Ontined			
			PUZ-ZM1	40/250		Optional			

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

										Outd	oor U	nit Cap	pacity								
Indoor	Unit Combination				Fo	or Sing	Jle						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
Power	Inverter (PUZ-ZM)	-	-	-	71x1	-	-	-	-	-	-	-	-	71x2	-	-	-	-	71x3	-	-
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	MSDD- 50TB2-F	-	-	-	-	MSDT- 111B3-F	-	-

	SERIE	S SELECTION		
Power Inverter Series			DC Fan Motor	Power Receiver Growed Pairs
Indoor Unit	Outdoor Unit		Remote Cont	roller
R32 R410A	<b>R410A</b> For Single	PUHZ-ZRP71	Optional	25xx 25xx Dottional Optional
PCA-M71HA2	<b>R410A</b> For Multi (Twin/Triple)	PUHZ-ZRP140/250	Optional	

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

										Outd	oor Ui	nit Cap	bacity								
Indoor				Fo	or Sing	gle				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	-	-	-	-	-	-	-	-	71x2	-	-	-	-	71x3	-	-
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	MSDD-50TR-E	-	-	-	-	MSDT-111R-E	-	-

PCA-RP HA SERIES

![](_page_21_Picture_7.jpeg)

Туре				Inverter Heat Pump
Indoor Uni	t			PCA-M71HA2
Outdoor U	nit			PUZ-ZM71VHA2
Refrigeran	t <sup>(*1)</sup>			B32
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	2.028
	EER			3.50
	Design load		kW	7.1
	Annual electricity consump	tion <sup>(*2)</sup>	kWh/a	443
	SEER <sup>(*4)</sup>			5.6
		Energy efficiency class		A+
Heating	Capacity	Rated	kW	7.6
		Min-Max	kW	3.5 - 10.2
	Total Input	Rated	kW	2.171
	COP			3.50
	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	3.4 (-20°C)
	Back up heating capacity		kW	0.0
	Annual electricity consump	tion (*2)	kWh/a	1684
	SCOP(*4)			3.9
		Energy efficiency class		A
Operating	Current(Max)		A	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)	(001)	m3/min	16-18
	Sound Level (Lo-IVII2-IVII1-HI)	(SPL)	dB(A)	3/-39
Outdoor	Dimensions		(A)	0/2 00 220(, 25)
Unit	Weight		ka	343-300-30(1-23)
Unit	Air Volume	Cooling	ky m2/min	55 55 55 55 55 55 55 55 55 55 55 55 55
	Air volume	Lasting	m2/min	55
	Sound Loval (SPI )	Cooling	dR(A)	00 47
	Sound Level (SPL)	Lasting		40
	Sound Loval (DWIL)	Cooling		43
	Operating Current(Max)	Cooling		0/ 10
	Broaker Size		<u>_</u>	13
Ext Dining	Diamotor <sup>(5)</sup>	Liquid/Gas	mm	20
Exc.Fipility	Max Longth	Out In	m	3.02 / 10.00
	Max Height	Out In		20
Cuerente	d Operating Renge(Outdoor)	Cooling <sup>13</sup>	00	30 15 . 46
Guarante	eu Operating hange(Outdoor)	Looting	0 0 0	-10 -40
		пеаши		-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 cruit 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.

![](_page_21_Figure_10.jpeg)

Туре				
Indoor Un	it			
Outdoor U	Init			
Refrigeran	t <sup>(*1)</sup>			
Power	Source			
Supply	Outdoor(V/Phase/Hz)			
Cooling	Capacity	Rated	kW	
<b>J</b>		Min-Max	kW	
	Total Input	Rated	kW	
	EER			
	Design load		kW	
	Annual electricity consump	tion <sup>(*2)</sup>	kWh/a	
	SEER(*4)			
		Energy efficiency class		
Heating	Capacity	Bated	kW	
	1	Min-Max	kW	
	Total Input	Bated	kW	
	COP	natoa		
	Design load		KW/	
	Declared Canacity	at reference design temperature	KWV	
	Declared Capacity	at hivalent temperature	KVV KVV	
		at operation limit temperature	KWV	
	Back up heating capacity	at operation innit temperature		
	Annual electricity concump	tion (*2)	k\A/b/a	
	COP <sup>(*4)</sup>	uon · ···	KVVII/d	
	SCOP	<b>F</b>		
Onerating	Current/Max)	Energy eniciency class		
Operating	Jonut (acoling / Heating )	Botod		
Illuit	Operating Current(Max)	Inateu	KVV A	
Unit	Dimensions	U*\//*D	A mm	
	Weight		ka	
	Air Volume (Lo-Mi2-Mi1-Hi)		m3/min	
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPI )	dB(A)	
	Sound Level (PWI)	(0, 2)	dB(A)	
Outdoor	Dimensions	H*W*D	mm	
Unit	Weight	1	ka	
	Air Volume	Cooling	m3/min	
		Heating	m3/min	
	Sound Level (SPL)	Cooling	dB(A)	
		Heating	dB(A)	
	Sound Level (PWL)	Cooling	dB(A)	
	Operating Current(Max)		Δ	
	Breaker Size		Δ	
Ext Pining	Diameter <sup>(*5)</sup>	Liquid/Gas	mm	
-active opting	Max Length	Out-In	m	
	Max Height	Out-In	m	
Guaranto	ed Operating Bange(Outdoor)	Cooling <sup>(*3)</sup>	۰ <u>۲</u>	
Guarante	ea operating hange(outdoor)	Heating	1 C	
		I ICOUIN	10 1	

 Heating
 °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.

<b>4</b> Auto Restart	Low Temp Cooling	Silent	Ampere Limit	Rotation Back-up	Optional	Group Control	M-NET connection	СОМРО	Cleaning-free,
--------------------------	---------------------	--------	-----------------	---------------------	----------	------------------	---------------------	-------	----------------

Inverter Heat Pump	
PCA-M71HA2	· · · · · · · · · · · · · · · · · · ·
PI IH7_7RP71\/IHA2	
R/10A	
Outdoor powor supply	
230/Single/50	
7 1	
33-81	
2.170	
3.27	
7.1	
444	
5.6	
A+	
7.6	
3.5 - 10.2	
2.350	
3.23	
4.7	
4.7 (-10°C)	
4.7 (-10°C)	
3.5 (-20°C)	
0.0	
1724	
3.8	
A	
19.4	
0.10/0.10	
0.43	
280-1136-650	
42	
37-39	
57	
943-950-330(+30)	
70	
55	
55	
47	
48	
67	
19	
25	
9.52 / 15.88	
50	
30	
-15 ~ +46	
-20 ~ +21	

![](_page_22_Picture_0.jpeg)

Built-in MA smart remote controller

A128

12 0 0 2020 0 2 Cool Set temp. Auto ≭ ₽ 28.5 ℃ \$\*\*

# 5 × (1)

A wide airflow range with

horizontal swinging

Automatic swinging in

the horizontal direction

Airflow can also

vertical direction.

be adjusted manually in the

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

The horizontal-swinging louvers

provide wide coverage

for improved comfort.

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.

**R32** 

of functions.

#### A slim design the fits neatly into any space

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

![](_page_22_Picture_4.jpeg)

. 600mm

**PSA** 

#### Equipped with a long-life filter as standard

![](_page_22_Figure_7.jpeg)

#### 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.

![](_page_22_Figure_10.jpeg)

### **SERIES SELECTION Power Inverter Series** Indoor Unit **Outdoor Unit R32 R32 R410A** For Single R32 For Multi (Twin/Triple) PSA-M71/100/125/140KA **Remote Controller** · · · · Ruilt-in

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

Indoor	Unit Combination				Fo	or Sing	Jle	
		35	50	60	71	100	125	140
Power	Inverter (PUZ-ZM)	-	-	-	71x1	100x1	125x1	140x1
	Distribution Pipe	-	-	-	-	-	-	-

![](_page_22_Figure_14.jpeg)

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

		Outdoor Unit Capacity																			
Inde	oor Unit Combination				Fo	or Sing	gle				For Twin							or Trip	le	For Quadrup	
			50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250
Star	ndard Inverter (PUZ-M)	-	-	-	71x1	100x1	125x1	140x1	-	-	-	-	-	71x2	100x2	125x2	-	-	71x3	-	-
	Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	MSDD -50TR2-E	MSDD-5	50WR2-E	-	-	MSDT -111R3-E	-	-

![](_page_22_Picture_18.jpeg)

Outdoor Unit Capacity For Twin For Triple For Quadrup 200 250 71 100 125 140 200 250 140 200 250 200 250 - 71x2 100x2 125x2 – 71x3 – \_ \_ MSDD\_MSDD-50WR2-E MSDT \_ \_ \_

**PSA-M** SERIES

#### Pure White & Cong Life Check We Control Contro Wiring Reuse Pump Flare Set Failure Recal

Туре							Inverter Heat Pum	D		
Indoor Un	it			PSA-M71KA	PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA
Outdoor L	Init			PU7-7M71VHA2	PU7-7M100VKA2	PU7-7M100YKA2	PU7-7M125VKA2	PU7-7M125YKA2	PU7-7M140VKA2	PU7-7M140YKA2
Refrigerar	t <sup>(*1)</sup>				1.000000000	1	B32			
Power	Source						Outdoor power supp	lv		
Supply	Outdoor(V/Phase/Hz)					VKA • VHA:	:230/Single/50. YKA:4	., 100/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	1.888	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	otion(*2)	kWh/a	388	581	592	-	-	-	-
	SEER <sup>(*4)</sup>			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 consumption <sup>(*2)</sup>			1636	2658	2659	-	-	-	-
	SCOP <sup>(*4)</sup>			4.0	4.1	4.1	-	-	-	-
		Energy efficiency class		A+	A+	A+	-	-	-	-
Operating	g Current(Max)		A	19.4	20.7	8.7	27.2	9.7	30.7	12.5
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)	LINUED	A	0.4	0./1	0./1	0.73	0.73	0.73	0./3
	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
	Air Volume (Le Mi2 Mi1 Hi)		Kg m2/min	40	40	40	40	40	48	48
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	dB(A)	10-12-24	15-19-51	20-20-30	/5-/9-51	/5-/9-51	20-20-31 //5_//9_51	/5./9.51
	Sound Level (PWI.)	(0) 2)	dB(A)	60	65	65	66	66	66	66
Outdoor	Dimensions	H*W*D	mm	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	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)		A	19	20	8	26.5	9	30	11.8
	Breaker Size		A	25	32	16	32	16	40	16
Ext.Piping	Diameter <sup>(*5)</sup>	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 <sup>(*3)</sup>	°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 circuit yourself or diassemble 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.

#### Pure White & Cong Ling Ling Check Mar 2010 Colling Stlent Cooling Steel Colling Steel Cooling Could Colling Could Colling Could Colling Could Co Demand Control **PSA-M** SERIES Flare connection

Туре							Inverter Heat Pum	<b>b</b>		
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 <sup>(*1)</sup>						R32			
Power	Source					(	Outdoor power suppl	y .		
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
		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 consump	tion <sup>(*2)</sup>	kWh/a	394	591	591	-	-	-	-
	SEER <sup>(*4)</sup>			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
		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	1	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)	-	-	-	-
		at operation limit temperature	kW	5.2 (-10°C)	4.5 (-15°C)	4.5 (-15°C)	-	-	-	-
	Back up heating capacity	Declared Capacity at reference design temperatur at bivalent temperature at operation limit temperature 3ack up heating capacity Annual electricity consumption <sup>112</sup> \$COP <sup>1141</sup>		0.6	2.0	2.0	-	-	-	-
	at operation limit temperature KW Back up heating capacity KW Annual electricity consumption <sup>(*2)</sup> KW		kWh/a	2003	2745	2745	-	-	-	-
	SCOP(*4)			4.0	4.0	4.0	-	-	-	-
		Energy efficiency class		A+	A+	A+	-	-	-	-
Operating	Current(Max)	<b>D</b>	A	15.2	20.7	12.2	27.2	12.2	30.7	12.2
Indoor	Input [cooling / Heating ]	Rated	KVV A	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	Discourse of the second	11*\4/*D	A	0.4	0.71	0.71	0.73	0.73	0.73	0.73
	Dimensions Weight	H-W-D	mm	1900-000-300	1900-600-360	1900-000-300	1900-000-300	1900-000-300	1900-000-300	1900-600-360
	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)	(SPI)	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)	(0) 2/	dB(A)	60	65	65	66	66	66	66
Outdoor	Dimensions	H*W*D	mm	880-840-330	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	981-1050-330(+40)	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)		A	14.8	20	11.5	26.5	11.5	30	11.5
	Breaker Size		A	20	32	16	32	16	40	16
Ext.Piping	Diameter <sup>(*5)</sup>	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
Guarante	ed Operating Range(Outdoor)	Cooling <sup>(*3)</sup>	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating	°C	-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 tilt higher GWP, if leaked to the atmosphere, the impact on global warming would be 1975 times higher GWP, if leaked to the atmosphere, the impact on global warming would be 1975 times higher GWP, if leaked to the atmosphere, the impact on global warming would be 1975 times higher GWP, if leaked to the atmosphere, the impact on global warming would be 1975 times higher GWP, if leaked to the atmosphere, the impact on global warming would be 1975 times higher GWP, if leaked to the atmosphere, the impact on global warming would be 1975 times higher GWP, if leaked to the atmosphere, the impact on global warming would be 1975 times higher GWP, if leaked to the atmosphere, the impact on global warming would be 1975 times higher GWP, if leaked to the atmosphere, the impact on global warming would be 1975 times higher GWP, if leaked to the atmosphere, the impact on global warming would be 1975 times higher GWP, if leaked to the atmosphere, the impact on global warming than a refrigerant tild would be leaked to the atmosphere, the impact on global warming than a refrigerant tild be atmosphere. This appliance is used and where it is located.
\*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.

		SERIES SE
Power Inverter Ser	ies	Inver
Indoor Unit		Outdoor Unit
<b>R32</b>		<b>R410A</b>
R410A		For Single
PSA-M71/100/125/140KA		<b>R410A</b> For Multi (Twin/Triple)
Remote Controller		Built-in

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

		Outdoor Unit Capacity																			
Indoor	Unit Combination				Fo	or Sing	gle				For Twin							or Trip	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	-	-

![](_page_23_Figure_14.jpeg)

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

Indoor	Unit Combination				Fo	or Sing	gle		_
		35	50	60	71	100	125	140	
Standa	rd Inverter (PUHZ-P)	-	-	-	-	100x1	125x1	140x1	
	Distribution Pipe	-	-	-	-	-	-	-	

![](_page_23_Figure_17.jpeg)

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![](_page_23_Picture_18.jpeg)

\* PAC-SC9CA-E is also required.

Outdoor Unit Capacity For Twin For Triple For Quadruple 200 250 71 100 125 140 200 250 140 200 250 250 200 250 \_ - - 71x2 100x2 125x2 \_ - 71x3 \_ - MSDD -50TR-E MSDD-50WR-E \_ MSDT -111R-E \_ \_ \_ \_ - | \_

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 Demand Control Octavia
 Pure White & Check
 SWM32
 Image: Check
 Image: Check

**PSA-RP** SERIES

## Wiring Pump Fare connection Failure Recal

Туре							nverter Heat Pum	p		
Indoor Un	it			PSA-M71KA	PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA	PSA-M140KA	PSA-M140KA
Outdoor L	Jnit			PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3
Refrigerar	1t <sup>(*1)</sup>						R410A			
Power	Source					(	Outdoor power suppl	у		
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 consumption <sup>(*2)</sup> kV			394	584	595	-	-	-	-
	SEER <sup>(*4)</sup>			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
	COP			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	Back up heating capacity		0.0	0.0	0.0	-	-	-	-
	Annual electricity consump	otion <sup>(*2)</sup>	kWh/a	1668	2730	2731	-	-	-	-
	SCOP <sup>(*4)</sup>			3.9	3.9	3.9	-	-	-	-
		Energy efficiency class		A	A	A	-	-	-	-
Operating	g 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)	11414/40	A	0.4	0./1	0./1	0.73	0.73	0.73	0.73
	Dimensions	H-W-D	mm	1900-000-300	1900-600-360	1900-000-300	1900-000-300	1900-000-300	1900-000-300	1900-000-300
	Air Volume (Lo-Mi2-Mi1-Hi)		ky m2/mir	20.22.24	25 29 20	25 29 20	25 29 21	25 29 21	25 29 21	25 29 21
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	$dB(\Delta)$	10-12-11	15-19-51	15-19-51	15-19-51	/5-/9-51	15-19-51	15-19-51
	Sound Level (PWL)	(0.2)	dB(A)	60	65	65	66	66	66	66
Outdoor	Dimensions	H*W*D	Imm	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.Piping	Diameter <sup>(*5)</sup>	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 <sup>(*3)</sup>	°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 tess to global warming than a refrigerant with ingher GWP, if 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 clicul yourself or diassemble the product yourself and always ask a professional. The GWP fatual is 2008 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 2009/126/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.

	Demand Control	Pure White 🖗	Long Life	Check!	SMING	Q≑O Aco	44 Auto Restart	Low Temp Cooling	Silent	Group Control	M-NET connection Optional	Wi-Fi )) Interface	COMPO	Canana and C	Wiring Reuse Optional
<b>STANDARD INVERTER</b>	Pump Down	Flare connection	Self Diagnosis	Failure Recal											

Type						Inverter H	leat Pump		
Indoor Un	it			PSA-M100KA	PSA-M100KA	PSA-M125KA	PSA-M125KA	PSA-M1/0KA	PSA-M1/0KA
Outdoor	Init				PLIHZ-P100YKA	PUH7-P125V/KA	PLIHZ-P125YKA	PLIHZ-P1//0V/KA	PLIHZ-P1/0YKA
Bofrigorar	x+(*1)			10121100104	101211001104	10121123104	104	10121140104	101211401104
Power	Source					N4 Outdoor pr			
Supply	Outdoor/V/Phase/Hz)					VKA:220/Single/E0	VKA:400/Three/F0		
Cooling	Capacity	Batad	1/1/	0.4	0.4	V KA.230/311gle/30	10.1	12.6	12.6
cooming	Capacity	Min Max		27.106	3.4	E 6 12.0	12.1 E.C. 12.0	E 0 12 7	E 0 10 7
	Total Innut	Poted		3.7-10.0	3.7-10.0	5.0-13.0	5.0-13.0	0.004	0.004
		nateu	KVV	3.122	3.122	5.020	5.020	0.384	0.384
	EER Design land		1.3.47	3.01	3.01	2.41	2.41	2.13	2.13
	Design load	- 4: (#2)	KVV	9.4	9.4	-	_	-	-
	Annual electricity consump	DTION' -/	kvvn/a	644	644	-	-	-	-
	SEER' "	E (C )		5.1	5.1	-	-	-	-
		Energy efficiency class	1.1.4/	A	A	-	-	-	-
Heating	Capacity	Rated	KVV	11.2	11.2	13.5	13.5	15.0	15.0
		Min-Max	kVV	2.8 - 12.5	2.8 - 12.5	4.8 - 15.0	4.8 - 15.0	4.9 - 15.8	4.9 - 15.8
	Iotal Input	Hated	kVV	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	1	kVV	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 <sup>(*2)</sup>	kWh/a	2797	2797	-	-	-	-
	SCOP <sup>(*4)</sup>			4.0	4.0	-	-	-	-
		Energy efficiency class		A+	A+	-	-	-	-
Operating	g Current(Max)		A	20.7	12.2	27.2	12.2	30.7	12.2
Indoor	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
Unit	Operating Current(Max)		A	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)	(0.51.)	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
0.11	Sound Level (PVVL)	11214/20	(A)	65	65	66	66	66	66
Outdoor	Dimensions	H-W-D	mm	981-1050-330	981-1050-330	981-1050-330	981-1050-330	981-1050-330	981-1050-330
Unit	Veight	Cooline 7	Kg	/6	/8	84	85	84	85
	Air volume	Cooling	m3/min	/9	/9	86	86	86	86
		Heating	m3/min	/9	/9	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		A	32	16	32	16	40	16
Ext.Piping	Diameter <sup>(*5)</sup>	Liquid/Gas	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
	Max.Length	Out-In	m	50	50	50	50	50	50
	Max.Height	Out-In	m	30	30	30	30	30	30
Guarante	ed Operating Range(Outdoor)	Cooling <sup>(*3)</sup>	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating	00	15	15 . 01	15 .01	15 .01	15 . 01	15 . 01

\*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming that 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. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 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. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 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. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 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. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 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. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975. This means that if 1 kg of this refrigerant fluid would be 1975. This means that if 1 kg of this refrigerant fluid would be 1975.

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![](_page_25_Picture_0.jpeg)

# SELECTION

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

			SELECT IN
Select	the optimal un	it and capacity	required to match
R32 R410A	out Remote Co	ontroller on only)	COOD DESIGN
SLZ-M35FA2 SLZ-M50FA2 SLZ-M60FA2			
Panel	With Signal Receiver	With 3D i-see Sensor	With Wireless Remote Controller
SLP-2FA			
SLP-2FAL	1		
SLP-2FAE	-	~	
SLP-2FALE	1		
SLP-2FALM2			
SLP-2FALME2		1	
		There is	SELECT OUT
<b>R32</b>	SUZ-M25/3	25VA	R32
	R410/	SU7-KA2	25/35VA6

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

### **DOOR UNIT**

room construction and air conditioning requirements.

![](_page_25_Picture_8.jpeg)

![](_page_25_Picture_9.jpeg)

![](_page_26_Picture_0.jpeg)

SLZ-M15/25/35/50/60FA2

 $\bigotimes$ 

**R32** R410A

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

![](_page_26_Picture_3.jpeg)

#### 2x2 Cassette Line-up

The SLZ series was previously only able to be connected to standard inverters and some power inverters. However, it can now also be connected to low-capacity power inverters. The ability to connect to a high-performance power inverter allows us to offer a wider range of options to our customers.

![](_page_26_Figure_6.jpeg)

#### **New lineup**

1.5kW has been introduced for multi connection. The diverse selection enables the best solution for both customer and location.

Capacity	15	25	35	50	60
SLZ-KF		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
SLZ-M	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$

600mm

600mm

#### **Beautiful design**

The straight-line form introduced has resulted in a beautiful square design. Its high affinity ensures the ability to blend in seamlessly with any interior. The indoor unit is an ideal match for office or store use.

Of course, design matched 2×2 (600mm\*600mm) ceiling construction specifications.

### The height above ceiling of 245mm

The height above ceiling of 245mm enables fitting into narrow ceiling space. Installation is simple, even when the ceiling spaces are narrow to make the ceilings higher.

Of course, in addition to our products, replacing competitors' product is simplified too.

![](_page_26_Figure_16.jpeg)

#### **Energy-saving Performance\***

The energy-saving performance achieved A++ in SEER and A+ in SCOP. \*In case of connecting with SUZ-KA-VA6

![](_page_26_Figure_19.jpeg)

#### Quietness

Low sound level has been realized by introduction of 3D turbo fan. New SLZ can give users quieter and move comfortable room condition.

![](_page_26_Picture_22.jpeg)

#### Easy installation

#### 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 temporary panel installation.

No need to remove screws

Installation is possible without removing the screws for control box simply loosen them. This eliminates the risk of losing screws.

#### **Drain lift**

As the result of using a larger drain pan, the maximum drain lifting height has been up to 850mm, greatly enhancing construction flexibility compared to the existing model.

#### **Horizontal Airflow**

The new airflow control completely eliminates that uncomfortable drafty-feeling with the introduction of a horizontal airflow that spreads across the ceiling. The ideal airflow for offices and restaurants.

![](_page_26_Figure_33.jpeg)

![](_page_26_Picture_34.jpeg)

![](_page_26_Picture_35.jpeg)

Corner panel

![](_page_26_Picture_37.jpeg)

Control box cover

![](_page_26_Picture_39.jpeg)

![](_page_26_Picture_40.jpeg)

### **3D**<sup>*X*</sup> see Sensor for S & P SERIES

#### Detects number of people

#### 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 airconditioning 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.

#### Detects people's position

#### 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.

![](_page_27_Figure_12.jpeg)

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

# oom occupancy energy save \*PAR-41MAA 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.

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.

<When heating>

power

2C°

power savings

Auto-Off

savings

![](_page_27_Picture_19.jpeg)

\*PAR-41MAA is required for each setting.

### SLZ-M SERIES

![](_page_27_Figure_22.jpeg)

### Panel With Signal With 3D i-see With Wireless

Panel	Receiver	Sensor	Remote Controller
SLP-2FA			
SLP-2FAL	√		
SLP-2FAE		1	
SLP-2FALE	√	1	
SLP-2FALM2	~		1
SLP-2FALME2	~	1	1

![](_page_27_Picture_25.jpeg)

			Outdoor Unit Capacity													
Indoor Unit Combination		For Single							For Twin			For Triple			For Quadruple	
		35	50	60	71	100	125	140	71	100	125	100	125	140	125	140
Power Inverter (PUZ-ZM)		35×1	50×1	60×1	-	-	-	-	35×2	50×2	60×2	35×3	50×3	50×3	35×4	35×4
Distribution Pipe		-	-	-	-	-	-	-	N	ISDD-50TR	2-E	N	ISDT-111R3	3-E	MSDF-1	111R2-E

Туре					Inverter Heat Pump	
Indoor Un	it			SLZ-M35FA2	SLZ-M50FA2	SLZ-M60FA2
Outdoor U	Jnit			PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2
Refrigerar	1t <sup>(*1)</sup>				R32	
Power	Source				Outdoor power supply	
Supply	Outdoor(V/Phase/Hz)				230/Single/50	
Cooling	Capacity	Rated	kW	3.6	5.0	6.1
		Min-Max	kW	16-45	23-56	2.7-6.5
	Total Input	Rated	kW	0.800	1.315	1.648
	EER			4.50	3.80	3.70
	Design load		kW	3.6	5.0	6.1
	Annual electricity consump	tion <sup>(*2)</sup>	kWh/a	194	280	346
	SEER(*4)			65	6.2	61
		Energy efficiency class		A++	Δ++	A++
Heating	Capacity	Bated	kW	4.1	5.0	64
nouting	loopuorty	Min-Max	kW	16-50	25-55	28-73
	Total Input	Bated	kW	1 205	1 470	2 064
	COP			3.40	3.40	3 10
	Design load		kW	2.4	3.8	4.4
	Declared Canacity	at reference design temperature	kW	2.4 (-10°C)	3.8 (-10°C)	4.4 (-10°C)
	Deciarea capacity	at bivalent temperature	kW	2.4 (-10°C)	3.8 (-10°C)	4.4 (-10°C)
		at operation limit temperature	kW	2.2 (-11°C)	3.7 (-11°C)	2.8 (-20°C)
	Back up heating capacity		kW	0.0	0.0	0.0
	Annual electricity consume	tion(*2)	kWh/a	820	1273	1560
	SCOP <sup>(*4)</sup>		ici iliya	4.0	4.1	3.9
		Energy efficiency class		Δ+	Δ+	Δ
Onerating	Current(Max)	2.10.gy children of clubo	Δ	13.2	13.3	19.4
Indoor	Input (cooling / Heating )	Rated	kW	0.02/0.02	0.03/0.03	0.04/0.04
Unit	Operating Current(Max)	natod	A	0.24	0.32	0.43
	Dimensions	H*W*D	mm	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>
	Weight		ka	15 <3>	15 <3>	15 <3>
	Air Volume (Lo-Mi2-Mi1-Hi)		m3/min	6.5-8.0-9.5	7.0-9.0-11.5	7.5-11.5-13.0
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	dB(A)	25-30-34	27-34-39	32-40-43
	Sound Level (PWL)		dB(A)	51	56	60
Outdoor	Dimensions	H*W*D	mm	630-809-300	630-809-300	943-950-330(+25)
Unit	Weight		kg	46	46	67
	Air Volume	Cooling	m3/min	45	45	55
		Heating	m3/min	45	45	55
	Sound Level (SPL)	Cooling	dB(A)	44	44	47
		Heating	dB(A)	46	46	49
	Sound Level (PWL)	Cooling	dB(A)	65	65	67
	Operating Current(Max)		A	13	13	19
	Breaker Size		A	16	16	25
Ext.Piping	Diameter <sup>(*5)</sup>	Liquid/Gas	mm	6.35 / 12.7	6.35 / 12.7	9.52 / 15.88
	Max.Length	Out-In	m	50	50	55
	Max.Height	Out-In	m	30	30	30
Guarante	ed Operating Range(Outdoor)	Cooling <sup>(*3)</sup>	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46
		Heating	°C	-11 ~ +21	-11 ~ +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 interfire 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 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 standard/25/ECE-Energy-related Products Directive and Regulation(EU) No206/2012.
 \*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units.

Inverter 
Outdoor Unit
R32         For Single         R32         For Multi (Twin/Triple/Quadruple)
PUZ-ZM35/50 PUZ-ZM60 PUZ-ZM71 PUZ-ZM100/125/140
Remote Controller
Enclosed in *optional *optional *optional SLP-2FALM2/SLP-2FALME2
Low Temp Cooling Cytowa

SLZ-M SEF	RIES			Inverter Film	Rare Earth Magnet	PAM Keine Perg
Indoor Unit R32 R410A SLZ-M15/25/35	/50/60FA2		GOOD DESIGN AWARD 2015	Outdoor Unit <b>R32</b> <b>Life of the second sec</b>	For Single (R32) (Cartering of the second	R32
Panel				Remote Control	ler	
Panel	With Signal Receiver	With 3D i-see Sensor	With Wireless Remote Controller			
SLP-2FA				(( 1		-
SLP-2FAL	~			201.4	5010014 0 <sup>10</sup> 10	25or
SLP-2FAE		1			a #28.5 t #+	
SLP-2FALE	~	1			a 5 2 (b)	8 0 N
SLP-2FALM2	~		$\checkmark$		*ontional	*optional *optional
SLP-2FALME2	~	1	√	Enclosed in	optional	optional optional
SLP-2FALME2	V	ong Life		SLP-2FALM/SLP-2FALME	Group Control Cetonal	Wi-Fi :)) Interface Connection Cotone

				oor Unit Cap						
Indoor Unit C	ombination	For Single								
		25	35	50	60	71				
S Seires		25×1	35×1	50×1	60×1	-				
	Distribution Pipe	-	-	-	-	-				

Туре				Inverter Heat Pump								
Indoor Un	it			SLZ-M25FA2	SLZ-M35FA2	SLZ-M50FA2	SLZ-M60FA2					
Outdoor L	Jnit			SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA					
Refrigerar	1t <sup>(*1)</sup>				R	32						
Power	Source				Outdoor po	wer supply						
Supply	Outdoor(V/Phase/Hz)				230/Sir	ngle/50						
Cooling	Capacity	Rated	kW	2.5	3.5	4.6	5.7					
-		Min-Max	kW	1.4 - 3.2	0.7 - 3.9	1.0 - 5.2	1.5 - 6.3					
	Total Input	Rated	kW	0.657	1.093	1.352	1.676					
	EER			3.80	3.20	3.40	3.40					
	Design load		kW	2.5	3.5	4.6	5.7					
	Annual electricity consump	tion(*2)	kWh/a	139	183	253	321					
	SEER <sup>(*4)</sup>			6.3	6.7	6.3	6.2					
		Energy efficiency class		A++	A++	A++	A++					
Heating	Capacity	Rated	kW	3.2	4.0	5.0	6.4					
	11	Min-Max	kW	1.3 - 4.2	1.0 - 5.0	1.3 - 5.5	1.6 - 7.3					
	Total Input	Rated	kW	0.886	1.078	1.562	2.133					
	COP			3.61	3.71	3.20	3.00					
	Design load		kW	2.2	2.6	3.6	4.6					
	Declared Capacity	at reference design temperature	kW	2.0 (-10°C)	2.3 (-10°C)	3.2 (-10°C)	4.1 (-10°C)					
		at bivalent temperature	kW	2.0 (-7°C)	2.3 (-7°C)	3.2 (-7°C)	4.1 (-7°C)					
		at operation limit temperature	kW	2.0 (-10°C)	2.3 (-10°C)	3.2 (-10°C)	4.1 (-10°C)					
	Back up heating capacity		kW	0.2	0.3	0.4	0.5					
	Annual electricity consump	tion <sup>(*2)</sup>	kWh/a	716	845	1192	1560					
	SCOP <sup>(*4)</sup>			4.3	4.3	4.2	4.1					
		Energy efficiency class		A+	A+	A+	A+					
Operating	g Current(Max)		А	7.0	8.7	13.8	15.2					
Indoor	Input [cooling / Heating ]	Rated	kW	0.02 / 0.02	0.02 / 0.02	0.03 / 0.03	0.04 / 0.04					
Unit	Operating Current(Max)		A	0.20	0.24	0.32	0.43					
	Dimensions	H*W*D	mm	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>					
	Weight		kg	15 <3>	15 <3>	15 <3>	15 <3>					
	Air Volume (Lo-Mi2-Mi1-Hi)	(	m3/min	6.5-7.5-8.5	6.5-8.0-9.5	7.0-9.0-11.5	7.5-11.5-13.0					
	Sound Level (Lo-Mi2-Mi1-Hi)	(SPL)	dB(A)	25-28-31	25-30-34	27-34-39	32-40-43					
0.11	Sound Level (PWL)		dB(A)	48	51	56	60					
Outdoor	Dimensions	H-W-D	mm	550-800-285	550-800-285	/14-800-285	880-840-330					
Unit	Air Volume	Cooling	Kg m2/min	30	35	41	54					
	Air volume	Looting	m2/min	36.3	34.3	45.8	50.1					
	Council Lowell (CDL)	Realing	m3/min	34.6	32.7	43.7	50.1					
	Sound Level (SPL)	Cooling	dB(A)	45	48	48	49					
	Council Lowel (DW/L)	Realing	dB(A)	46	48	49	51					
	Operating Current(Mc	Cooling	uB(A)	59	59	125	14.0					
	Breaker Size		A .	6.8	8.5	13.5	14.8					
Ext Disin	Diedker Size	Liquid/Coo	A	10	10	20	20					
Ext.Piping	Diameter <sup>150</sup> Liquid/Gas		11111	0.35 / 9.52	0.35/9.52	0.30/12./	0.30/15.88					
	Max Height	Out In		20	20	30	30					
University of the second secon				12	12	30	30					
Guarante	eu Operating hange(Outdoor)	Looting	0C	-10 ~ +46	-10 ~ +46	-10 ~ +40	-13 ~ +46					
		Inedullu	10	-10 ~ +24	-10 ~ +24	-10~+74	-10 ~ +24					

\*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute loss 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 how the appliance is used and where it is located.
 \*3 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.
 \*4 Joint pipe is required depending on installed refrigerant pipes, outdoor units.

	SLZ-M SEF	RIES			Inve	rter J	Dirt Lap Bar	Earth Magnet	DC Fan Motor	PAM	Grooved Piping	Heat Caulking Fixing Method	)				
(	Indoor Unit R32 R410A		utdoc R410/	or Uni	<b>t</b> Single		R410	Fo (Tv	r Multi win/Triple	e/Quadruj	ole)						
	SLZ-M15/25/35	/50/60FA2						s	UZ-KA25/	35VA6	SUZ-KA50	0/60VA6	PUHZ-	ZRP71	PUHZ-Z	<b>P</b> 100/125	5/140
	Panel							-									
	Panel	With Remot	i Wireles e Contro	s	F	lemot	e Con	trolle	r								
	SLP-2FA SLP-2FAL V																
									1		6	4100				-	
	SLP-2FAE		✓						1					25.01	c	1.0	
	SLP-2FALE	~		✓										AL 0 7	4	-	2.5
	SLP-2FALM2	~				~								Areas a		×	
	SLP-2FALME2	~		✓		$\checkmark$		SLF	Enclo 2FALM2	sed in SLP-2FAL	ME2	орионат		^ optioi	nai	opti	Jilai
	Pure White & AUTO VANE Restar Low Temp Vane Cooling Co											]					
									Outdoor U	nit Capacit	y						
Indo	or Unit Combination				For	Single					For Twin			For Triple		For Qua	Idruple
		25	35	50	60	71	100	125	140	71	100	125	100	125	140	125	140
Pow	er Inverter (PUZ-ZM)	25×1	35×1	50×1	60×1	-	-	-	-	35×2	50×2	60×2	35×3	50×3	50×3	35×4	35×4
	Distribution	Pipe -	-	-	-	-	-	-	-	N	ISDD-50TR	-E	M	SDT-111R-E	-	MSDF-1	111R-E
e r Unit						SI 7.	M25EA2			7-M35F4	Inverter 2	Heat Pum	P SI 7-M50	FA2		SI 7-M	30EA2
por Uni	t					SUZ-KA25VA6			SUZ-KA35VA6		SUZ-KA50VA6		SUZ-KA60VA6				
norant(*	1)	-									P	1104					

Туре				Inverter Heat Pump								
Indoor Uni	t			SLZ-M25FA2	SLZ-M35FA2	SLZ-M50FA2	SLZ-M60FA2					
Outdoor U	nit			SUZ-KA25VA6	SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6					
Refrigeran	t <sup>(*1)</sup>				R41	0A						
Power	Source				Outdoor po	wer supply						
Supply	Outdoor(V/Phase/Hz)			230/Single/50								
Cooling	Capacity	Rated	kW	2.6	3.5	4.6	5.6					
		Min-Max	kW	1.5 - 3.2	1.4 - 3.9	2.3 - 5.2	2.3 - 6.5					
	Total Input	Rated	kW	0.684	0.972	1.394	1.767					
	EER			3.80	3.60	3.30	3.17					
	Design load		kW	2.6	3.5	4.6	5.6					
	Annual electricity consump	tion <sup>(*2)</sup>	kWh/a	144	188	256	316					
	SEER <sup>(*4)</sup>			6.3	6.5	6.3	6.2					
		Energy efficiency class		A++	A++	A++	A++					
Heating	Capacity	Rated	kW	3.2	4.0	5.0	6.4					
		Min-Max	kW	1.3 - 4.2	1.7 - 5.0	1.7 - 6.0	2.5 - 7.4					
	Total Input	Rated	kW	0.886	1.108	1.558	2.278					
	COP			3.61	3.61	3.21	2.81					
	Design load		kW	2.2	2.6	3.6	4.6					
	Declared Capacity	at reference design temperature	kW	2.0 (-10°C)	2.3 (-10°C)	3.2 (-10°C)	4.0 (-10°C)					
		at bivalent temperature	kW	2.0 (-7°C)	2.3 (-7°C)	3.2 (-7°C)	4.0 (-7°C)					
		at operation limit temperature	kW	2.0 (-10°C)	2.3 (-10°C)	3.2 (-10°C)	4.0 (-10°C)					
	Back up heating capacity		kW	0.2	0.3	0.4	0.6					
	Annual electricity consump	tion <sup>(*2)</sup>	kWh/a	716	846	1166	1573					
	SCOP(*4)			4.3	4.3	4.3	4.0					
		Energy efficiency class		A+	A+	A+	A+					
Operating	Current(Max)		A	7.2	8.4	12.3	14.4					
Indoor	Input [cooling / Heating ]	Rated	kW	0.02 / 0.02	0.02 / 0.02	0.03 / 0.03	0.04 / 0.04					
Unit	Operating Current(Max)		A	0.20	0.24	0.32	0.43					
	Dimensions	H*W*D	mm	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>	245-570-570 <10-625-625>					
	Weight		kg	15 <3>	15 <3>	15 <3>	15 <3>					
	Air Volume (Lo-Mi2-Mi1-Hi)	(001)	m3/min	6.5-7.5-8.5	6.5-8.0-9.5	/.0-9.0-11.5	/.5-11.5-13.0					
	Sound Level (Lo-IVII2-IVII1-HI)	(SPL)	dB(A)	25-28-31	25-30-34	27-34-39	32-40-43					
Outdoor	Dimensione	H#\W/#D	(ID)(A)	48	51	20	890, 940, 330					
Unit	Meight		ka	30-600-265	350-600-265	600-640-330 E4	600-640-330 E0					
Unit	Air Volumo	Cooling	ky m2/min	30	33	54	50					
	All Volume	Heating	m2/min	32.0	30.3	44.0	40.3					
	Sound Loval (SPL)	Cooling	dR(A)	47	34.6	44.0 52	49.2					
	Sound Level (SFL)	Heating		47	45	52	55					
	Sound Loval (PW/L)	Cooling	dB(A)	40	62	65	65					
	Operating Current/Max1	Cooling		7	8.2	12	1/					
	Broaker Size		Δ	, 10	10	20	20					
Ext Pining	Diameter <sup>(*5)</sup>	Liquid/Gas	mm	6 25 / 9 52	6 35 / 9 52	6 35 / 12 7	6 35 / 15 88					
Excriping	Max Length	Out-In	m	20	20	30	30					
	Max Height	Out-In	m	12	12	30	30					
Max.Height Out-In			°C	10	10	15	15					
Guarante	ca operating nange(Odt0001)	Heating	°C	-10 ~ +40	-10 ~ +-40	-10 ~ +24	-10 ~ +24					

\*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 CO<sub>2</sub>, 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 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.
 \*4 Joint pipe is required depending on installed refrigerant pipes, outdoor units.

![](_page_29_Picture_0.jpeg)

![](_page_29_Picture_1.jpeg)

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

### High Energy Efficiency

![](_page_29_Picture_4.jpeg)

Highly efficient indoor units with DC inverter contribute to a reduction in electricity consumption throughout a year. The SEZ series has achieved energy-saving performance of "A+" or higher when connected to PUZ series and "A" or higher when connected to SUZ-M series.

![](_page_29_Figure_6.jpeg)

#### Lineup of compatible outdoor unit has been expanded by power inverter series

Although models in the SEZ series were previously only compatible with the standard inverter, they can now also be connected to small capacity power inverters. The ability to connect to a power inverter with high-performance specifications makes it possible to offer an even wider range of solutions to our customers.

![](_page_29_Figure_9.jpeg)

#### Compact Design with a Height of 200 mm

The height of the units is 200 mm for all capacity ranges. Its thin body is suitable for installation in low ceilings with a small cavity space.

![](_page_29_Picture_12.jpeg)

#### Low Noise Operation

Low noise operation contributes to a peaceful indoor environment.External static pressure can be selected from 5, 25, 35, and 50 PaThe SPL of M25/35 model, which is the quietest model among the<br/>new series, is as low as 22 dB (ESP 5 Pa, low fan speed setting).External static pressure can be selected from 5, 25, 35, and 50 Pa

	Сара	acity	M25	M35	M50	M60	M71
Sound pressure level	Fan speed	High	29	30	36	37	39
		Mid	25	26	33	33	34
		Low	22	22	29	29	29

\*When fan speed setting is low, the cooling/heating capacity is subject to reduce. \*Operation noise may increase due to the installation environment or the operation status

#### Drain Pump (Optional)

The PAC-KE07DM-E drain pump is available as an option. The drain connection can be raised as high as 580 mm, allowing more freedom in piping layout design.

\*The use of drain pump may increase the operation noise.

#### 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 PAC-HA11PAR is required.

![](_page_29_Picture_22.jpeg)

SE	Z-M D	A(L)2	M25	M35	M50	M60	M71				
Heig	ht	mm			200						
Widt	th	mm	790	99	90	1190					

#### Selectable Static Pressure Levels

![](_page_29_Figure_26.jpeg)

SEZ-M series	Inverter Autor	Nagwel CC Fare Mater PAAM Concerned Fining Method
Indoor Unit	Outdoor Unit (R32) For Single	For Multi (Twin/Triple/Quadruple)
R410A	PUZ-ZM35/50	PUZ-ZM71
SEZ-M25/35/50/60/71DA2 (Requires Wired Remote Controller) SEZ-M25/35/50/60/71DAL2 (Wireless Remote Controller is enclosed)	Remote Controller	25.00
	Enclosed in SEZ-M DAL2	*optional A2) (for SEZ-M DA2) (for SEZ-M DA2)
Control Control Control	Etton Interface optional Connection	e ction Call Disgonals Failure Recall

			Outdoor Unit Capacity													
Indoor Unit C	For Single								For Twin			For Triple			For Quadruple	
	35	50	60	71	100	125	140	71	100	125	100	125	140	125	140	
Power Inverte	er (PUZ-ZM)	35×1	50×1	60×1	71×1	-	-	-	35×2	50×2	60×2	35×3	50×3	50×3	35×4	35×4
	Distribution Pipe	-	-	-	-	-	-	-	М	SDD-50TR2	2-E	N	ISDT-111R3	I-E	MSDF-1	111R2-E

Index Unit Unit SE2A450AU,2 SE2A400AU,2 SE2A400AU,2 SE2A400AU,2 SE2A400AU,2 PUZX80VA2	Туре				Inverter Heat Pump								
Outdoor Unit         PUZ2.MSDVA2         PUZ2.MSDVA2         PUZ2.MSDVA2         PUZ2.MSDVA2           Power Pow	Indoor Uni	t			SEZ-M35DA(L)2	SEZ-M50DA(L)2	SEZ-M60DA(L)2	SEZ-M71DA(L)2					
Bengrer#"         Bare         Bare           Suppl         Outdoor(V/Have/H2)         2000         20.1         20.000         2.1         2.1           Suppl         Mand         MV         2.6         2.0 <th< th=""><th>Outdoor U</th><th>nit</th><th></th><th></th><th>PUZ-ZM35VKA2</th><th>PUZ-ZM50VKA2</th><th>PUZ-ZM60VHA2</th><th>PUZ-ZM71VHA2</th></th<>	Outdoor U	nit			PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VHA2	PUZ-ZM71VHA2					
Power	Refrigeran	t <sup>(*1)</sup>				R	32						
Supply         Underst/Phase/H2         Image in the i	Power	Source				Outdoor po	ower supply						
Cooling Total Input         Rated Min-Max         WM         3.6         5.0         6.1         7.1           Total Input         Rited         WM         3.6         5.0         6.1         7.1           Total Input         Rited         WM         0.637         1.315         1.525         1.918           Barnual Restrictly consumption®         WM         3.08         6.0         4.00         3.70           Barnual Restrictly consumption®         WM         3.08         6.1         6.1         6.1           Restring         Capacity         Rated         WM         4.1         6.0         7.0         8.0           Core         Rated         WM         4.1         6.0         7.0         8.0           Core         Rated         WM         4.00         3.0         4.14         3.0           Core         Rated         WM         4.00         3.0         4.14         3.0           Core         Rated         WM         4.00         3.0         4.14         3.0           Core         Rated         WM         4.00         3.0         4.14         4.10           Decized Capacity         MM         WM         2.410	Supply	Outdoor(V/Phase/Hz)				230/Si	ngle/50						
Image: Non-Max         WM         1.6 - 3.9         2.2 - 5.6         2.7 - 6.3         3.3 - 8.1           ERF**         4.20         3.80         4.00         3.70           EFF**         4.20         3.80         4.00         3.70           EFF**         4.20         3.80         4.00         3.70           Annual electricity consumption***         WM         3.65         6.0         6.1         7.1           Annual electricity consumption***         WM         3.65         2.87         3.82         4.40           Annual electricity consumption***         WM         4.1         6.0         7.0         8.0           Total input         Bard         WM         1.6.5.0         2.5.7.2         2.8.8.0         3.5.10.2           Total input         Bard         WM         1.0.55         1.578         1.707         2.051           Design load         At demonde design temperature         WM         2.4.10°C)         3.8.10°C)         4.4.10°C)         4.7.10°C)           Annual electricity consumption**         WM         2.4.10°C)         3.8.10°C)         4.4.10°C)         4.7.10°C)           Annual electricity consumption**         WM         2.4.10°C)         3.8.10°C)         4.4.10°C)	Cooling	Capacity	Rated	kW	3.6	5.0	6.1	7.1					
Interve         Rated         WV         0.877         1.315         1.525         1.918           Design load         WV         3.6         5.0         6.1         7.1           Design load         WVha         205         297         352         4.40           SEER***         6.1         6.1         6.0         5.6           SEER***         6.1         6.1         6.0         5.6           SEER***         At+         6.1         6.0         5.0           Total Input         Mato         WV         4.4         6.6         2.0         3.0         3.0         2.0	-		Min-Max	kW	1.6 - 3.9	2.3 - 5.6	2.7 - 6.3	3.3 - 8.1					
LEF**         -         4.20         3.80         4.00         3.70           Annual decriftity consumption <sup>™</sup> W/W         3.6         5.0         6.1         7.1           Steff ****         -         6.1         6.1         6.0         5.6           Heating         Energy efficiency class         A++         A++         A++         A+           Apacity         Bated         M/V         4.1         6.0         7.0         8.0           Coper         Apacity         Bated         M/V         1.05.5         1.57.8         1.707         2.05.1           Coper         4.0.4         3.6         4.10         3.90         3.90         3.90           Design load         Inference design temperature appropriatorities         W/V         2.4.107C)         3.81.107C)         4.4.107C)         4.7.107C)           Back up hasting capacity         W/V         2.4.107C)         3.8.107C)         4.4.107C)         4.7.107C)           Back up hasting capacity         W/V         2.0.01         3.7.10         1.27.9         1.4444         107.5           SCOP*****         4.2         4.1         4.2         4.0         1.5.2         1.5.2         5.5.5         5.5.5		Total Input	Rated	kW	0.857	1.315	1.525	1.918					
Design load         IW         3.6         5.0         6.1         7.1           SEER****         6.1         6.1         6.0         5.6           Heating SEER****         Energy efficiency class         A++         A++         A+         A+           Heating SEER****         Bated         KW         4.1         6.0         7.0         8.0           Total Input         Rated         KW         1.6:5.0         2.5:7.2         2.8:8.0         3.5:1.0.2           Total Input         Rated         KW         1.025         1.578         1.707         2.051           Design load         Min-Mac         KW         2.4:10°C         3.8:10°C         4.4:10°C         4.7:10°C           Design load         MV         2.4:10°C         3.8:10°C         4.4:10°C         4.7:10°C           Back up basting capacity         KW         0.0         0.0         0.0         0.0         0.0           Inotal lectricity cossmption**         KW         0.0         0.0         0.0         0.0         0.0           Inotat isotific parameting in the treperator         KW         0.0         0.0         0.0         0.0         0.0           Inotor         Inserge efficiency class		EER <sup>(*4)</sup>			4.20	3.80	4.00	3.70					
Annual electricity consumption <sup>10</sup> W/h         205         287         352         440           Feeder Verse         Energy efficiency class         A++         A++         A++         A+         A+           Heating         Expert Verse         Rated         W/         4.1         6.0         7.0         8.0           Cope Verse         Rated         W/         1.05:5         1.578         1.707         2.651           Cope Verse         4.00         3.80         4.10         3.30         3.5         1.02           Cope Verse         4.00         3.80         4.10         3.30         3.5         1.02           Declared Capeity         at eleventemparatue         W/         2.4         1.005         3.8         4.4         4.7           Declared Capeity         at eleventemparatue         W/         2.4         1.00         3.8         1.00         1.00         1.00           Back up having capacity         M//         2.2         1.00         3.8         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1		Design load		kW	3.6	5.0	6.1	7.1					
SEER*4***         Encry efficiency class         A++         A++         A++         A++           Heating For partial part of the part of t		Annual electricity consump	tion <sup>(*2)</sup>	kWh/a	205	287	352	440					
Image: Control of the second		SEER <sup>(*4)(*5)</sup>			6.1	6.1	6.0	5.6					
Heating Interview         Capacity Min-Max         Bated WV         4.1         6.0         7.0         8.0           Total Input Total Input Op**         Bated WV         10.65.0         25.72         2.8.0         35.102           Design load         WV         10.65.0         15.76         1.707         2.051           Design load         WV         2.4         3.8         4.4         4.7           Design load         WV         2.4 (10°C)         3.81(1°C)         4.4(1°C)         4.1(1°C)           abuelent temparature at bioelent temparature weight         WV         2.4 (10°C)         3.8(1°C)         4.4         4.7           Back up besting capacity expression limit temperature at presing limit temperature weight         WV         0.0         0.0         0.0         0.0           SCOP* <sup>(eng</sup> 4.2         4.11         4.2         4.0           SCOP* <sup>(eng</sup> )         A         13.7         13.8         19.9         20.0           Unit         Intergy efficiency class         A         0.65         0.82         0.88         10.0           Vient Lo-Mid-Hill         Mm         7.9         1.1         10.12.515         12.15.18         12.16.20           Vient Lo-Mid-Hill         Mm			Energy efficiency class		A++	A++	A+	A+					
Total Input         Min-Max         WW         1.6 - 5.0         2.5 - 7.2         2.8 - 8.0         3.5 - 10.2           COP*4         4.00         3.80         4.10         3.90         2.5 - 7.2         2.8 - 8.0         3.5 - 10.2           COP*4         4.00         3.80         4.10         3.90         3.80         4.10         3.90           Decign Load         It reference design temperature         WW         2.4 - 10°C)         3.81 + 10°C)         4.4 + 4         4.7           Decign Load         at reference design temperature         WW         2.4 + 10°C)         3.8 + 10°C)         4.4 + 10°C)         4.7 + 70°C)           at operation Limit temperature         WW         2.4 + 10°C)         3.8 + 10°C)         4.4 + 4         4.7 + 70°C)           Annual electricity consumption**         WW         0.0         0.0         0.0         0.0         0.0           Departing Current(Max)         A         13.7         13.8         19.9         20.0           Indoor         Input (cooling / Heating 1         Reted         WW         0.027         0.084         0.102           Dimensions         IP*W*0         mm         200-900-700         200-1190-700         200-1190-700           Weit (cooling / Heat	Heating	Capacity	Rated	kW	4.1	6.0	7.0	8.0					
Total Input         Pated         WV         1.025         1.578         1.707         2.051           Design load			Min-Max	kW	1.6-5.0	2.5 - 7.2	2.8-8.0	3.5 - 10.2					
Cope**         Particle         A00         380         A10         530           Deciared Capacity         at reference dispit nemerature         M/V         2.4         3.8         4.4         4.7           Deciared Capacity         at reference dispit nemerature         M/V         2.4 (10°C)         3.8 (10°C)         4.4 (10°C)         4.7 (10°C)           Back up heating capacity         at operation limit temperature         M/V         2.2 (11°C)         3.8 (10°C)         4.4 (10°C)         4.7 (10°C)           Back up heating capacity         at operation limit temperature         M/V         2.2 (11°C)         3.8 (10°C)         4.4 (10°C)         4.7 (10°C)           Annual electricity consumption***         W/V         0.0         0.0         0.0         0.0           SCOP****         4.2         4.1         4.2         4.0           Indeor         Input (cooling / Heating 1         Rated         N/V         0.047         0.077         0.064         0.102           Unit         Operating Current(Max)         A         0.66         0.82         0.88         1.00         1.00           Weight         A         0.66         0.82         0.20         0.88         0.102         1.00         1.00         1.00		Total Input	Bated	kW	1 025	1 578	1 707	2 051					
Design load         W         2.4         3.8         4.4         4.7           Declared Capacity         at forence design memory         W         2.4 (+10°C)         3.8 (+10°C)         4.4 (+10°C)         4.7 (+10°C)           at forence design memory         W         2.4 (+10°C)         3.8 (+10°C)         4.4 (+10°C)         4.7 (+10°C)           Back up heating capacity         W         0.0         0.0         0.0         0.0         0.0           Annual electricity consumption <sup>rm</sup> WW/ki         791         1279         1464         1633           Coperating Current/Maxi         A         13.7         13.8         19.9         20.0           Indoor         Input (cooling / Heating 1)         Rated         KW         0.0477         0.077         0.084         0.102           Unit         Operating Current/Maxi         A         0.055         0.82         0.88         1.00           Dimensions         H*W*D         mm         200.990 -700         220-1190 -700         220-1190 -700         220-1190 -700         220-1190 -700         220-1190 -700         220-1190 -700         220-1190 -700         220-1190 -700         220-1190 -700         220-190 -700         220-1190 -700         220-1190 -700         220-190 -700         <		COP <sup>(*4)</sup>			4.00	3.80	4.10	3.90					
Declared Capacity         at reference design temperature         WW         2.4 (10°C)         3.8 (10°C)         4.4 (10°C)         4.7 (10°C)           Back up heating capacity         interment weater         WW         2.2 (11°C)         3.8 (10°C)         4.4 (10°C)         4.7 (10°C)           Annual electricity consumption*         WW         2.2 (11°C)         3.7 (11°C)         2.8 (20°C)         3.7 (11°C)           Coperating         Corent Maximum         WW         2.4 (10°C)         3.7 (11°C)         2.8 (20°C)         3.7 (11°C)           Generating         Corent Maximum         Energy efficiency class         A         4.2         4.1         4.2         4.0           Operating         Current Maximum         Rated         W         0.047         0.077         0.084         0.102           Unit         Operating Current Maximum         A         0.687         0.82         0.88         1.00           Weight         Rated         W         0.047         0.077         0.084         0.102           Weight         Rated         M         0.687         0.82         0.88         1.002           Unit         Generating Pressure***         Rated         M         2.25 - 15         1.21 Fs - 16         12 - 16 -		Design load		kW	2.4	3.8	4.4	4.7					
Index operating         it bivalent temperature (st operation limit temperature (st operation limit temperature (st operation limit temperature (st operation limit temperature (st operation)         W         2.2 (+11°C)         3.3 (+10°C)         4.4 (+10°C)         4.7 (+10°C)         4.7 (+10°C)           Back up heating capacity (Annual electricity consumption" <sup>20</sup> kW/v         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0           SCOP"*****         4.2         4.1         4.2         4.0         1633		Declared Canacity	at reference design temperature	kW	2.4 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.7 (-10°C)					
at operation limit temperature         kW         2.2 (±1°C)         3.7 (±1°C)         2.8 (±2°C)         3.6 (±2°C)           Back up heating capacity Annual electricity consumption* <sup>20</sup> kW         0.0         0.0         0.0         0.0           SCOP* <sup>(HII)</sup> Energy efficiency class         A+         A+         A+         A+         A+           Operating Current(Max)         A         13.7         13.8         19.9         20.0           Unit         Operating Current(Max)         A         0.665         0.82         0.084         0.102           Unit         Operating Current(Max)         A         0.665         0.82         0.82         0.88         1.00           Unit         Operating Current(Max)         A         0.665         0.82         0.82         0.88         1.00           Weight         Kg         2.2         2.2         2.25         2.55		Doolarou oupuoity	at bivalent temperature	kW	2.4 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	4.7 (-10°C)					
Back up heating capacity         INV         0.0         0.0         0.0         0.0         0.0           Annual electricity consumption*2         IVWh3         791         1279         1464         1633           Operating Current(Max)         Energy efficiency class         A+         A+         A+         A+           Indoor         Input Leocling / Heating 1         Rated         KW         0.047         0.077         0.084         0.102           Unit         Operating Current(Max)         A         0.065         0.82         0.88         0.100           Weight         KW         0.047         0.077         0.084         0.102           Unit         Operating Current(Max)         A         0.655         0.82         0.88         1.00           Weight         Kg         222         22         2.02         1.10-12.5-15         1.25-16         1.2-16-20           Sound Level (Lo-Mid-Hi)         m3/min         7-9-11         1.0-12.5-15         1.2-16-18         1.00         1.0-12.5-15         1.2-16-20         1.0-2-16-20         1.0-2-16-20         1.0-2-16-20         1.0-2-16-20         1.0-2-16-20         1.0-2-16-20         1.0-2-16-20         1.0-2-16-20         1.0-2-16-20         1.0-2-16-20 <td< th=""><th></th><th></th><th>at operation limit temperature</th><th>kW</th><th>2.2 (-11°C)</th><th>3.7 (-11°C)</th><th>2.8 (-20°C)</th><th>3.5 (-20°C)</th></td<>			at operation limit temperature	kW	2.2 (-11°C)	3.7 (-11°C)	2.8 (-20°C)	3.5 (-20°C)					
Annual electricity consumption <sup>1/20</sup> IVM/b         791         1279         1464         1833           SCOP <sup>-1/20</sup> Energy efficiency class         A+         A         A         0.077         0.084         0.0102         Dimensions         Invoit for invoit		Back up heating capacity	at opolation white tompolatare	kW	0.0	0.0	0.0	0.0					
SCOP****         4.2         4.1         4.2         4.1         4.2         4.1         4.2         4.1         4.2         4.1         4.2         4.1         4.2         4.1         4.2         4.1         4.2         4.1         1.0         1.0         1.00         1.00           Operating Current(Max)         A         13.7         13.8         19.9         20.0           Unit         Operating Current(Max)         A         0.65         0.82         0.88         1.00           Unit         Operating Current(Max)         A         0.65         0.82         0.88         1.00           Weight         A         0.65         0.82         0.82         0.88         1.00           Sound Level (A-Mid-Hi)         mm         20-990-700         200-1190-700         200-1190-700         200-1190-700           Sound Level (FWL)         Rated         dB(A)         22-2         22         25-5		Annual electricity consumn	tion <sup>(*2)</sup>	kWh/a	791	1279	1464	1633					
Construint         Energy efficiency class         A+         A+         A+         A+         A+           Operating Current(Max)         A         13.7         13.8         19.9         20.0           Indoor         Input [cooling / Heating ]         Rated         KW         0.047         0.077         0.064         0.102           Unit         Operating Current(Max)         A         0.65         0.82         0.88         1.00           Weight         kg         22         22         22.5         22.55         25.5           Air Volume (Lo-Mid-Hi)         m3/min         7.9-11         10-12.5-15         12-15-18         12-16-20           External Static Pressure*"         Pa         <55-25-30         <55-25         <55-25-         <55-25           Sound Level (IC-Mid-Hi) (SPL) Rated         dB(A)         22-27-31         30-34-37         30-34-38         30-35-40           Dimensions         H*W*D         mm         600809-300         630-809-300         943-950-30(+25)         943-95-30(+25)           Sound Level (IVML)         kg         46         46         67         67         67           Unit         Weight         kg         466         46         67         67 <th></th> <th>SCOP(*4)(*5)</th> <th></th> <th>ice en ja</th> <th>4.2</th> <th>4.1</th> <th>4.2</th> <th>4.0</th>		SCOP(*4)(*5)		ice en ja	4.2	4.1	4.2	4.0					
Operating         Current(Max)         A         13.7         13.8         19.9         20.0           Indoor         Input (cooling / Heating ]         Rated         kW         0.047         0.077         0.084         0.102           Unit         Operating Current(Max)         A         0.65         0.82         0.88         1.00           Dimensions           +"W*D         mm         200-990-700         200-990-700         200-1190-700         200-1190-700         200-1190-700           Weight         kg         22         22         22         25.5         25.5           Air Volume (Lo-Mid-Hi)         m3/min         7-9-11         10-12.5-15         12-15-18         12-16-20           External Static Pressure***         Pa         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5<-25         -35-40         30-35-40           Sound Level (PWL)         Bla(A)         22-27-31         30-34-37         30-34-37         20-33-37         29-34-39         30         30<-35-40           Dimensions           *'W*D         mm         630-809-300         630-809-300         943-950-330(+25)         943-950-330(+25)         943-950-330(+25)         943-950-330(+25)         943-950-330(+25)         943-950-330(+2			Energy efficiency class		Δ+	Δ+	Δ+	Δ+					
Indoor Unit         Input [cooling / Heating]         Rated         KW         0.047         0.077         0.084         0.102           Unit         Operating Current(Max)         A         0.66         0.82         0.88         1.00           Weight         Kg         22         0.88         1.00         200-1190-700         200-1190-700           Weight         Kg         22         22         25.5         25.5         25.5           Sound Level (Lo-Mid-Hi)         m3/min         7-9-11         10-12.5-15         12-15-18         12-16-20           External Static Pressure <sup>rm</sup> Pa         <5>-25-25-35>         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5>-25-35         <5<-35         <5>-25-35         <5>-25-35         <5<-35         <5>-25-35         <5<-35         <5<-35         <5<-35         <5<-35	Operating	Current(Max)	Energy enterency endee	A	13.7	13.8	19.9	20.0					
Unit         Operating Current/Max)         A         0.66         0.82         0.08         1.00           Dimensions           +"\\"D         mm         200-990-700         200-990-700         200-1190-700         200-1190-700           Weight         kg         22         22         25.5         25.5           Air Volume (Lo-Mid-Hi)         m3/min         7-9-11         10-12.5-15         12-15-18         12-16-20           Sound Level (Lo-Mid-Hi) (SPL)         Rated         dB(A)         23-27-31         30-34-37         30-34-38         30-35-40           Sound Level (PWL)         5 Pa <sup>(n)</sup> dB(A)         22-26-30         29-33-36         29-33-37         29-34-39           Outdoor         Dimensions         H*W*D         mm         630-809-300         630-809-300         943-950-330(+25)         943-950-330(+25)           Unit         Weight         kg         46         67         67         67           Meight         kg         46         46         67         67         55           Sound Level (PWL)         Cooling         m3/min         45         45         55         55           Sound Level (SPL)         Cooling         dB(A)         44         47	Indoor	Input [cooling / Heating ]	Bated	kW	0.047	0.077	0.084	0.102					
Dimensions           +'W*D         mm         200-990-700         200-990-700         200-1190-700         200-1190-700           Weight         kg         22         22         25.5         25.5           Air Volume (Lo-Mid-Hi)         m3/min         7.9-11         10-12.5-15         12-15-18         12-16-20           Sound Level (Io-Mid-Hi)         m3/min         7.9-11         10-12.5-15         12-15-18         25-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>-50>         <5-25-35>         <50>         <50	Unit	Operating Current(Max)		A	0.65	0.82	0.88	1.00					
Weight         kg         22         22         22         25.5         25.5           Air Volume (Lo-Mid-Hi)         m3/min         7.9-11         10-12.5-15         12-15-18         12-16-20           External Static Pressure <sup>r/n</sup> Pa         <55-25-<35>-<50>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <5>-25-35>         <55>         <35>-40              <5>-25-35>         <55>         <55         <55         <65         <65         <65         <65         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55         <55		Dimensions	H*W*D	mm	200 - 990 - 700	200 - 990 - 700	200 - 1190 - 700	200 - 1190 - 700					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Weight		kg	22	22	25.5	25.5					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Air Volume (Lo-Mid-Hi)		m3/min	7 - 9 - 11	10 - 12.5 - 15	12 - 15 - 18	12 - 16 - 20					
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		External Static Pressure(*7)		Pa	<5> - 25 - <35> - <50>	<5> - 25 - <35> - <50>	<5> - 25 - <35> - <50>	<5> - 25 - <35> - <50>					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Sound Level (Lo-Mid-Hi) (SPL)	Rated	dB(A)	23 - 27 - 31	30 - 34 - 37	30 - 34 - 38	30 - 35 - 40					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			5 Pa <sup>(*8)</sup>	dB(A)	22 - 26 - 30	29 - 33 - 36	29 - 33 - 37	29 - 34 - 39					
Outdoor Unit Air Volume         H'W *D         mm         630-809-300         630-809-300         943-960-330(+25)         943-960-330(+25)           Vinit Air Volume         Cooling         m3/min         46         67         67           Air Volume         Cooling         m3/min         45         46         67         55           Sound Level (SPL)         Cooling         m3/min         45         45         55         55           Operating Current(Max)         Cooling         dB(A)         44         44         47         47           Operating Current(Max)         Cooling         dB(A)         66         65         67         67           Operating Current(Max)         A         13         13         19         19         19           Breaker Size         A         16         25         25         25           Max.Length         Out-In         m         50         55         55           Max.Leight         Out-In         m         30         30         30         30           Guaranter Versting Range(Outoor)         Cooling****         °C         -15 - +46         -15 - +46         -15 - +46         -15 - +46		Sound Level (PWL)		dB(A)	51	57	58	60					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Outdoor	Dimensions	H*W*D	mm	630-809-300	630-809-300	943-950-330(+25)	943-950-330(+25)					
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Unit	Weight		kg	46	46	67	67					
Heating         m3/min         45         45         55           Soud Level (SPL)         Cooling         dB(A)         44         44         47         47           Soud Level (SPL)         Heating         dB(A)         46         46         49         49           Soud Level (PWL)         Cooling         dB(A)         65         65         67         67           Operating Current(Max)         A         13         13         19         19           Breaker Size         A         16         16         25         25           Ext.Piping Diameter <sup>vai</sup> Liquid/Gas         mm         6.05/12.7         6.35/12.7         9.52/15.88         9.52/15.88           Max.Length         Out-In         m         50         55         55           Guaranter Vperating Range(Outoor)         Cooling <sup>ring</sup> °C         -15 ~ +46         -15 ~ +46         -15 ~ +46           Heating         °C         -11 ~ +21         -11 ~ +21         -20 ~ +21         -20 ~ +21		Air Volume	Cooling	m3/min	45	45	55	55					
Sound Level (SPL)         Cooling         dB(A)         44         44         47         47           Heating         dB(A)         46         46         49         49           Sound Level (PWL)         Cooling         dB(A)         65         65         67         67           Operating Current(Max)         A         13         13         19         19           Breaker Size         A         16         16         25         25           Ext.Phying Diameter*a         Liquid/Gas         mm         6.35/12.7         6.35/12.7         9.52/15.88         9.52/15.88           Max.Length         Out-In         m         50         50         55         55           Max.Height         Out-In         m         30         30         30         30           Guarterter         Cooling*a         °C         -115 - +46         -15 - +46         -15 - +46         -15 - +46			Heating	m3/min	45	45	55	55					
Heating         Heating         dB(A)         46         46         49           Sound Level (PWL)         Cooling         dB(A)         65         65         67         67           Operating Current(Max)         A         13         13         19         19           Breaker Size         A         16         25         25           Max.Length         Liquid/Gas         mm         6.35/12.7         6.35/12.7         9.52/15.88         9.52/15.88           Max.Length         Out-In         m         50         55         55           Max.Height         Out-In         m         30         30         30         30           Guaranter Operating Range(Outoon)         "C         -15 - +46         -15 - +46         -15 - +46         -15 - +46         -15 - +46		Sound Level (SPL)	Cooling	dB(A)	44	44	47	47					
Sound Level (PWL)         Cooling         dB(A)         66         65         67         67           Operating Current(Max)         A         13         13         19         19           Breaker Size         A         16         26         25           Ext.Piping Diameter <sup>46</sup> Liquid/Gas         mm         6.35/12.7         6.35/12.7         9.52/15.88         9.52/15.88           Max.Length         Out-In         m         50         55         55           Max.Height         Out-In         m         30         30         30           Guarater Uperating Range(Outoor)         Cooling <sup>+50</sup> °C         -15 ~ +46         -15 ~ +46         -15 ~ +46           Heating         °C         -11 ~ +21         -11 ~ +21         -20 ~ +21         -20 ~ +21			Heating	dB(A)	46	46	49	49					
Operating Current(Max)         A         13         19         19           Breaker Size         A         16         16         25         25           Ext.PipingDiameter'®         Liquid/Gas         mm         6.35/12.7         6.35/12.7         9.52/15.88         9.52/15.88           Max.Length         Out-In         m         50         50         55         55           Guaranteer Operating Range(Outor)         Out-In         m         30         30         30         30         30           Heating         °C         -15 ~ +46         -15 ~ +46         -15 ~ +46         -15 ~ +46         -15 ~ +46		Sound Level (PWL)	Cooling	dB(A)	65	65	67	67					
Breaker Size         A         16         16         25         25           Ext.Piping Diameter <sup>vei</sup> Liquid/Gas         mm         6.35/12.7         6.35/12.7         9.52/15.88         9.52/15.88           Max.Length         Out-In         m         50         55         55           Max.Height         Out-In         m         30         30         30         30           Guaranteer Operating Range(Outoor)         Cooling <sup>rin</sup> °C         -15 - +46         -15 - +46         -15 - +46           Heating         °C         -11 - +21         -11 - +21         -20 - +21         -20 - +21	Operating Current(Max)			A	13	13	19	19					
Ext.Piping Diameter*®         Liquid/Gas         mm         6.35/12.7         6.35/12.7         9.52/15.88         9.52/15.88           Max.Length         Out-In         m         50         55         55           Max.Height         Out-In         m         30         30         30         30           Guaranteed Operating Range(Outdoor)         Ccolling*®         °C         -15 - +46         -15 - +46         -15 - +46           Heating         °C         -11 - +21         -11 - +21         -20 - +21         -20 - +21		Breaker Size		A	16	16	25	25					
Max.Length         Out-In         m         50         55         55           Max.Height         Out-In         m         30         30         30         30         30           Guaranteed Operating Range(Outoon Heating         Occoling <sup>r®</sup> °C         -15 ~ +46         -15 ~ +46         -15 ~ +46           Heating         °C         -11 ~ +21         -11 ~ +21         -20 ~ +21         -20 ~ +21	Ext.Piping	Diameter <sup>(*6)</sup>	Liquid/Gas	mm	6.35 / 12.7	6.35 / 12.7	9.52 / 15.88	9.52 / 15.88					
Max.Height         Out-In         m         30         30         30         30           Guaranteed Operating Range(Outdoor)         Cooling <sup>+0</sup> °C         -15 ~ +46         -15 ~ +46         -15 ~ +46           Heating         °C         -11 ~ +21         -11 ~ +21         -20 ~ +21         -20 ~ +21		Max.Length	Out-In	m	50	50	55	55					
Guaranteed Operating Range(Outdoor)         Cooling <sup>(*3)</sup> °C         -15 ~ +46         -15 ~ +46         -15 ~ +46           Heating         °C         -11 ~ +21         -11 ~ +21         -20 ~ +21         -20 ~ +21	Max.Height Out-In m				30	30	30	30					
Heating °C -11 ~ +21 -11 ~ +21 -20 ~ +21 -20 ~ +21	Guaranteed Operating Range(Outdoor) Cooling(13) °C			°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46					
			Heating	°C	-11 ~ +21	-11 ~ +21	-20 ~ +21	-20 ~ +21					

 Image in the state of the

SEZ	-M series						Inverter Joint Lap	DC Rotary	DC Fan Motor	Heat Caulking Fixing Method	
Indo	oor Unit						Outdoor U	nit For Singl	e	232	
<b>R3</b> 2 <b>R4</b> 1							(R32)	WA SUZ	-M50VA	SUZ-M60/71VA	
						-	Remote Co	ntroller			
	SEZ-M25/35/50/60/711 SEZ-M25/35/50/60/711	DA2 (Requ DAL2 (Wire	ires Wired eless Rem	Remote C ote Contro	controller) ller is encl	osed)	(((() 📖		25.00		
							Enclosed in SEZ-M DAL2	*optional (for SEZ-M DA2)	*optional (for SEZ-M DA2)	*optional (for SEZ-M DA2)	
Sauto Restart Low Temp Control Optional							Wi-Fi )) Interface Optional	Drain Lift Up Optional	Set Failure Diagnosis Recall		
Outdoor Unit Canacity											
Indoor Unit C	Combination			For Single							
		25	35	50	60	71					
S Seires		25×1	35×1	50×1	60×1	71×1					
	Distribution Pipe	-	-	-	-	-					

Туре				Inverter Heat Pump								
Indoor Uni	t			SEZ-M25DA(L)2	SEZ-M35DA(L)2	SEZ-M50DA(L)2	SEZ-M60DA(L)2	SEZ-M71DA(L)2				
Outdoor U	nit			SUZ-M25VA	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA				
Refrigeran	t <sup>(*1)</sup>					R32						
Power	Source			Outdoor power supply								
Supply	Outdoor(V/Phase/Hz)			230/Single/50								
Cooling	Capacity	Rated	kW	2.5	3.5	5.0	6.1	7.1				
-		Min-Max	kW	1.4 - 3.2	0.7 - 3.9	1.1 - 5.6	1.6 - 6.3	2.2 - 8.1				
	Total Input	Rated	kW	0.714	1.000	1.547	1.848	2.151				
	EER(*4)	1		3.50	3.50	3.23	3.30	3.30				
	Design load		kW	2.5	3.5	5.0	6.1	7.1				
	Annual electricity consumption <sup>(*2)</sup> kWh			146	202	290	385	451				
	SEER <sup>(*4)(*5)</sup>			6.0	6.0	6.0	5.5	5.5				
		Energy efficiency class		A+	A+	A+	A	A				
Heating	Capacity	Rated	kW	2.9	4.2	6.0	7.4	8.0				
-		Min-Max	kW	1.3 - 4.2	1.1 - 5.0	1.5 - 7.2	1.6 - 8.0	2.0 - 10.2				
	Total Input	Rated	kW	0.803	1.076	1.617	2.049	2.285				
	COP <sup>(*4)</sup>	1		3.61	3.90	3.71	3.61	3.50				
	Design load		kW	2.2	2.6	4.3	4.6	5.8				
	Declared Capacity	at reference design temperature	kW	2.0 (-10°C)	2.3 (-10°C)	3.8 (-10°C)	4.1 (-10°C)	5.2 (-10°C)				
		at bivalent temperature	kW	2.0 (-7°C)	2.3 (-7°C)	3.8 (-7°C)	4.1 (-7°C)	5.2 (-7°C)				
		at operation limit temperature	kW	2.0 (-10°C)	2.3 (-10°C)	3.8 (-10°C)	4.1 (-10°C)	5.2 (-10°C)				
	Back up heating capacity		kW	0.2	0.3	0.5	0.5	0.6				
	Annual electricity consumption	otion(*2)	kWh/a	769	878	1501	1516	2030				
	SCOP(*4)(*5)			4.0	4.1	4.0	4.2	3.9				
		Energy efficiency class		A+	A+	A+	A+	A				
Operating	Current(Max)		A	7.4	9.2	14.3	15.7	15.8				
Indoor	Input [cooling / Heating ]	Rated	kW	0.043	0.047	0.077	0.084	0.102				
Unit	Operating Current(Max)		A	0.62	0.65	0.82	0.88	1.00				
	Dimensions	H*W*D	mm	200 - 790 - 700	200 - 990 - 700	200 - 990 - 700	200 - 1190 - 700	200 - 1190 - 700				
	Weight		kg	18	22	22	25.5	25.5				
	Air Volume (Lo-Mid-Hi)		m3/min	5.5 - 7 - 9	7 - 9 - 11	10 - 12.5 - 15	12 - 15 - 18	12 - 16 - 20				
	External Static Pressure <sup>(*6)</sup>		Pa	<5> - 25 - <35> - <50>	<5> - 25 - <35> - <50>	<5> - 25 - <35> - <50>	<5> - 25 - <35> - <50>	<5> - 25 - <35> - <50>				
	Sound Level (Lo-Mid-Hi) (SPL)	Rated	dB(A)	23 - 26 - 30	23 - 27 - 31	30 - 34 - 37	30 - 34 - 38	30 - 35 - 40				
		5 Pa <sup>(*)</sup>	dB(A)	22 - 25 - 29	22 - 26 - 30	29 - 33 - 36	29 - 33 - 37	29 - 34 - 39				
0.11	Sound Level (PVVL)	11214/20	(A)	50	51	5/	58	60				
Outdoor	Dimensions	H-W-D	mm	550-800-285	550-800-285	/14-800-285	880-840-330	880-840-330				
Unit	Air Values a	Gaaliaa	kg	30	35	41	54	55				
	Air volume	Cooling	m3/min	30.3	34.3	45.8	50.1	50.1				
		Heating	m3/min	34.0	32.7	43.7	50.1	50.1				
	Sound Level (SPL)	Looling	dB(A)	45	48	48	49	49				
	Council Louis (DM/L)	Realing	UB(A)	46	48	49	51	51				
	Sound Level (PVVL)	Cooling	(A)	59	59	04	65	00				
	Operating Current(Max)		A	6.8	8.5	13.5	14.8	14.8				
Fut Dia'	Dreaker Size	Linuid/Con	A	10	10	20	20	20				
Ext.Piping	Diameter	Liquid/Gas	Imm	6.35/9.52	6.35 / 9.52	6.35/12./	6.35 / 15.88	9.52 / 15.88				
	Max.Length	IOut-In	m	20	20	30	30	30				
<u> </u>	IVIax.Height	IOut-in	Im	12	12	30	30	30				
Guaranteed Operating Range(Outdoor)			-10 ~ +46	-10 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46					
		IHeating	ľC	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24				

\*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. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 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. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 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 Derry consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
\*3 SEERR/SCOP are measured at ESP 25Pa.
\*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.
\*6 The factory setting of ESP is shown without < >.
\*7 SPL measured at ESP 5Pa.

SEZ-M series	Invertier Just Lap Construct Revealed and the construction of the lapse of the laps
Indoor Unit R322 R410A	Outdoor Unit (R410A) For Single SUZ-KA25/35VA6 SUZ-KA50/60/71VA6
SEZ-M25/35/50/60/71DA2 (Requires Wired Remote Controller) SEZ-M25/35/50/60/71DAL2 (Wireless Remote Controller is enclosed)	Remote Controller
Group Acco Acto Restart Low Temp Cooling Control Optional Control Control	Wi-Fi J)) Interface Optional Commettion Drain Optional Commettion Commettion Commettion

			Outdoor Unit Capacity								
Indoor Unit Co	ombination		For Single								
		25	35	50	60	71					
S series		25×1	35×1	50×1	60×1	71×1					
	Distribution Pipe	-	-	-	-	-					

Туре				Inverter Heat Pump					
Indoor Un	it			SEZ-M25DA(L)2	SEZ-M35DA(L)2	SEZ-M50DA(L)2	SEZ-M60DA(L)2	SEZ-M71DA(L)2	
Outdoor L	Init			SUZ-KA25VA6	SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6	
Refrigerant(*1)				R410A					
Power	Source			Outdoor power supply					
Supply	Outdoor(V/Phase/Hz)			230/Single/50					
Cooling	Capacity	Rated	kW	2.5	3.5	5.1	5.6	7.1	
-	11	Min-Max	kW	1.5 - 3.2	1.4 - 3.9	2.3 - 5.6	2.3 - 6.3	2.8 - 8.3	
	Total Input	Rated	kW	0.731	1.012	1.580	1.740	2.210	
	EER <sup>(*4)</sup>	•		3.42	3.46	3.23	3.22	3.21	
	Design load		kW	2.5	3.5	5.1	5.6	7.1	
	Annual electricity consume	otion(*2)	kWh/a	159	203	297	353	449	
	SEER <sup>(*4)(*5)</sup>			5.5	6.0	6.0	5.5	5.5	
		Energy efficiency class		A	A+	A+	A	A	
Heating	Capacity	Rated	kW	2.9	4.2	6.4	7.4	8.1	
		Min-Max	kW	1.3 - 4.5	1.7 - 5.0	1.7 - 7.2	25-80	2.6 - 10.4	
	Total Input	Rated	kW	0.803	1.132	1.800	2,200	2.268	
	COP(*4)			3.61	3.71	3.56	3.36	3.50	
	Design load	Design load		2.2	2.8	4.6	5.5	6.0	
	Declared Capacity	at reference design temperature	kW	1.9 (-10°C)	2.5 (-10°C)	4.1 (-10°C)	4.5 (-10°C)	5.3 (-10°C)	
	,	at bivalent temperature	kW	1.9 (-7°C)	2.5 (-7°C)	4.1 (-7°C)	4.8 (-7°C)	5.3 (-7°C)	
		at operation limit temperature	kW	1.9 (-10°C)	2.5 (-10°C)	4.1 (-10°C)	4.5 (-10°C)	5.3 (-10°C)	
	Back up heating capacity		kW	0.3	0.3	0.5	10	0.7	
	Annual electricity consumption <sup>(*2)</sup>		kWh/a	789	977	1614	1857	2147	
	SCOP <sup>(*4)(*5)</sup>		,.	3.9	4.0	3.9	4.1	3.9	
		Energy efficiency class		A	A+	A	A+	A	
Operating	Current(Max)	5, ,	A	7.6	8.9	12.8	14.9	17.1	
Indoor	Input (cooling / Heating )	Rated	kW	0.043	0.047	0.077	0.084	0.102	
Unit	Operating Current(Max)		A	0.62	0.65	0.82	0.88	1.00	
	Dimensions	H*W*D	mm	200 - 790 - 700	200 - 990 - 700	200 - 990 - 700	200 - 1190 - 700	200 - 1190 - 700	
	Weight		kg	18	22	22	25.5	25.5	
	Air Volume (Lo-Mid-Hi)		m3/min	5.5 - 7 - 9	7 - 9 - 11	10 - 12.5 - 15	12 - 15 - 18	12 - 16 - 20	
	External Static Pressure <sup>(*6)</sup>		Pa	<5> - 25 - <35> - <50>	<5> - 25 - <35> - <50>	<5> - 25 - <35> - <50>	<5> - 25 - <35> - <50>	<5> - 25 - <35> - <50>	
	Sound Level (Lo-Mid-Hi) (SPL)	Rated	dB(A)	23 - 26 - 30	23 - 27 - 31	30 - 34 - 37	30 - 34 - 38	30 - 35 - 40	
		5 Pa <sup>(*7)</sup>	dB(A)	22 - 25 - 29	22 - 26 - 30	29 - 33 - 36	29 - 33 - 37	29 - 34 - 39	
	Sound Level (PWL)		dB(A)	50	51	57	58	60	
Outdoor	Dimensions	H*W*D	mm	550-800-285	550-800-285	880-840-330	880-840-330	880-840-330	
Unit	Weight		kg	30	35	54	50	53	
	Air Volume	Cooling	m3/min	32.6	36.3	44.6	40.9	50.1	
		Heating	m3/min	34.7	34.8	44.6	49.2	48.2	
	Sound Level (SPL)	Cooling	dB(A)	47	49	52	55	55	
		Heating	dB(A)	48	50	52	55	55	
	Sound Level (PWL)	Cooling	dB(A)	58	62	65	65	69	
	Operating Current(Max)		A	7	8.0	12	14	16.1	
	Breaker Size		A	10	10	20	20	20	
Ext.Piping	Diameter <sup>(*6)</sup>	Liquid/Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 15.88	9.52 / 15.88	
	Max.Length	Out-In	m	20	20	30	30	30	
	Max.Height	Out-In	m	12	12	30	30	30	
Guarante	ed Operating Range(Outdoor)	Cooling(*3)	°C	-10 ~ +46	-10 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	
		Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	

\*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 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 SEER/SCOP are measured at ESP 25Pa.
\*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.
\*7 SPL measured at ESP 5Pa.

# **CONTROL TECHNOLOGIES**

## **User-friendly Deluxe Remote Controller with Excellent Operability and Visibility**

#### 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.

Main-1	Run ((	Abnormal condition
Main-2	Run	Run ((
Sub	Stop	)) Run ((

#### **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.

Main-1	Run	Stop	Run
Main-2		Run	Stop
Sub	Stop	Run	Run

#### 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.

![](_page_31_Figure_21.jpeg)

![](_page_31_Picture_24.jpeg)

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

![](_page_32_Picture_3.jpeg)

![](_page_32_Picture_4.jpeg)

#### Preliminary error history

In addition to error history, the history of permissible 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

![](_page_32_Picture_7.jpeg)

#### 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 contro

Daily (example)

31 1234.5kWh

2019 - 1

Energy data

< Data Collection Period >

Return: 🔊

– Date

Time data: Every 30 minutes over the past month

Monthly/daily data: Monthly over the past 14 months

Every 50 minutes (example)							
Energy data							
2019- 1-1	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						

V Page 🔺

Eveny 30 minutes (example)

#### Horizontal airflow settings

The 4-way cassette model with 3D Total Flow system lets you easily set the horizontal airflow direction. This allows you to freely tailor the air conditioning performance according to your particular space and purpose.

\*PLP-P160ELR-E is required to activate this function.

#### 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 controlle

Model name	Collect model names and S/N
display	0 OU PUZ-ZM200YKA2
(example)	IU1 PLA-ZM50EA2
	IU2 PLA-ZM50EA2
	IU3 PLA-ZM50EA2
	IU4 PLA-ZM50EA2
	Collect data: 🗸
	-Address + S/N
Serial number	Collect model names and S/N
<ul> <li>Serial number display</li> </ul>	Collect model names and S/N Ø OU 1ZU00001
<ul> <li>Serial number display (example)</li> </ul>	Collect model names and S/N 0 OU 1ZU00001 IU1 1ZA00001
<ul> <li>Serial number display (example)</li> </ul>	Collect model names and S/N 0 UL 12U00001 IU1 1ZA00001 IU2 1ZA00002
<ul> <li>Serial number display (example)</li> </ul>	Collect model names and S/N © OU 1ZU00001 IU1 1ZA00001 IU2 1ZA00002 IU3 1ZA00003
<ul> <li>Serial number display (example)</li> </ul>	Collect model names and S/N © OU 1ZU00001 IU1 1ZA00001 IU2 1ZA00002 IU3 1ZA00003 IU4 1ZA00004
<ul> <li>Serial number display (example)</li> </ul>	Collect model names and S/N 0 UU 1ZU00001 IU1 1ZA00001 IU2 1ZA00002 IU3 1ZA00003 IU4 1ZA00004 Collect data: ✓

#### Wi-Fi interface setting

When setting up a wireless LAN connection, it is now possible to switch between WPS and AP modes via the remote controller. You can configure a wireless network using the most convenient method according to the installation environment.

![](_page_32_Picture_23.jpeg)

## Easy To Read & Easy To Use

Inverted display screen

The screen background color can be set to black to suit the atmosphere of the installation location.

#### Full Dot Liquid-crystal Display Adopted

Easier to read thanks to use of a full dot liquid-crystal display with backlight, and easier to use owing to adopting a menu format that has reduced the number of operating buttons.

#### Display Example [Operation Mode]

Full Dot LCD

![](_page_32_Picture_31.jpeg)

#### **Temperature Control**

#### Two preset temperatures

## Dual Set Point

When the operation mode is set to the Auto (Dual Set Point) mode, two preset temperatures (one each for cooling and heating) can be set. Depend-

ing on the room temperature, indoor unit will automatically operate in either the COOL or HEAT mode and keep the room temperature within the preset range.

#### Energy-efficient Control **Operation Control Functions**

#### Precise control of power consumption

![](_page_32_Picture_39.jpeg)

The amount of power consumed in each time period is managed so that the demand value is not exceeded. The demand control function can be set to start and finish in 5-minute units.

Additionally, the level can be adjusted to 0, 50, 60, 70, 80 or 90% of maximum capacity, and up to 4 patterns can be set per day. Airconditioning operation is automatically controlled to ensure that electricity in excess of the contracted volume is not consumed.

# Auto-return

#### Prevents wasteful operation by automatically returning to the preset temperature after specified operating time

After adjusting the temperature for initial heating in winter or cooling on a hot summer day, it is easy to forget to return the temperature setting to its original value. The Auto-return function automatically resets the temperature back to the original setting after a specified period of time, thereby preventing overheating/overcooling. The Auto-return activation time can be set in 10-minute units, in a range between 30 and 120 minutes.

\*Auto-return cannot be used when Temperature Range Restrictions is in use.

![](_page_32_Picture_46.jpeg)

123456.7kWh 1/4

27 1234.5kWh

![](_page_32_Picture_47.jpeg)

Energy data

123456.7kWh 1/3

123456.7kWh

123456, 7kWh

123456.7kWh

123456.7kWh

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.

▶2019-1

2018-12

Monthly (example)

![](_page_32_Picture_50.jpeg)

#### Multi-language Display

![](_page_32_Figure_52.jpeg)

#### Control panel operation in fourteen different languages

Choose the desired language, among the following languages

![](_page_32_Figure_55.jpeg)

![](_page_32_Figure_56.jpeg)

\*Please refer to the function list on pages 193-200 for the combination of the available units

Setting pattern example						
Start time Finish time			Capacity savings			
8:15	$\rightarrow$	12:00	80%			
12:00	$\rightarrow$	13:00	50%			
13:00	$\rightarrow$	17:00	90%			
 17:00	$\rightarrow$	21:00	50%			

Auto-off Timer

#### Turns heating/cooling off automatically after preset time elapses

When using Auto-off Timer, even if one forgets to turn off the unit. operation stops automatically after the preset time elapses, thereby preventing wasteful operation. Auto-off Timer can be set in 10minute units, in a range between 30 minutes and 4 hours. Eliminates all anxiety about forgetting to turn off the unit.

Recommended for Meeting room Changing room

Lock

Cooling/Drv

Lower temperature limi

Lower temperatures cannot

Recommended for Office Restaurant

19(°C)

be selected

#### Night Setback

#### Keep desired room temperatures automatically

This function monitors the room temperature and automatically activates the heating mode when the temperature drops below the preset minimal temperature setting. It has the same function for cooling, automatically activating the cooling mode when the temperature rises above the preset maximum temperature setting.

#### Operation Fixed temperature setting promotes energy savings

In addition to operation start/stop, the operation mode, temperature setting and airflow direction can be locked. Unwanted adjustment of temperature settings is prevented and an appropriate temperature is constantly maintained, leading to energy savings. This feature is also useful in preventing erroneous operation or tampering.

> Possible temperature range settin 25/\*\*

(Setting example of minimum temp, in 25°C)

To prevent excessive cooling

30.°c

**30**00

Recommended for Office School Public hall Hospital Computer server facility

![](_page_33_Figure_7.jpeg)

Weekly

ing to different seasons

Timer

in use.

#### **Temperature Range Restriction prevents** overheating/overcooling

Using a temperature that is 1°C lower/higher for heating/cooling results in a 10% reduction in power consumption.\* Temperature Range Restriction limits the maximum and minimum temperature settings, contributing to the prevention of overheating/overcooling. \*In-house calculations

Weekly Timer with

Two Types of Settings

![](_page_33_Figure_10.jpeg)

#### Installation/Maintenance Support Functions

![](_page_33_Picture_12.jpeg)

#### Outdoor unit data accessed immediately, enabling fast maintenance (only PUZ/PUHZ type)

Using the Stable Operation Control (fixed frequency) of the Smooth Maintenance function, the operating status of the inverter can be checked easily via the screen on the remote controller

#### Smooth Maintenance Function Operating Procedure

![](_page_33_Figure_16.jpeg)

#### **Display information (11 items)**

	,			
	Compressor	6	OU TH4 temp. (°C)	
1	COMP. current (A)	0	OU TH6 temp. (°C)	
2	COMP. run time (Hr)	8	OU TH7 temp. (°C)	
3	COMP. ON/OFF (times)	Indoor Unit		
4	COMP. frequency (Hz)	9	IU air temp. (°C)	
Outdoor Unit			IU HEX temp. (°C)	
5	Sub cool (°C)	(1)	IU filter operating time* (Hr)	

\*IU filter operating time is the time elapsed since filter was reset.

#### **Inspection Guidelines**

The computed temperature difference is plotted as in the graph below and operating status is determined

![](_page_33_Figure_22.jpeg)

Stable operation may not be possible under the following temperature conditions:a) In cooling mode when the outdoor induction temperature is over 40°C or the indoor induction temperature is below 23°C.
b) In heating mode when the outdoor induction temperature is over 20°C or when the indoor induction temperature is over 25°C. If the above temperature conditions do not apply and stable operation is not achieved after 30 minutes has passed, please inspect the units.
 The operating status may change due to frost on the outdoor heat exchanger.

![](_page_33_Picture_24.jpeg)

#### Direction of vertical airflow for each vane can be set

Setting the vertical airflow direction for each individual vane can be performed simply via illustrated display. Seasonal settings such as switching between cooling and heating are easily changed as well.

Silent Mode	Three out

tdoor noise level setting

The outdoor noise level can be reduced on demand according to the surrounding environment. Select from three setting mode: standard mode (rated), silent mode and ultra-silent mode.

## Simple MA Remote Controller PAC-YT52CRA

#### Backlit LCD

Features a liquid-crystal display (LCD) with backlight for operation in dark conditions.

#### Flat Back

The slim and flat-back shape makes installation easier without requiring a hole in the wall. Thickness is 14.5mm or less.

#### Vane Angle Setting

The vane button has been added to allow users to change the airflow direction (ceiling-cassette and wall-mounted units).

#### Pressing the $\boxed{\mathbf{v}}$ button will switch the vane direction.

![](_page_33_Figure_38.jpeg)

\*Please refer to the function list on pages 193-200 for the combination of the available units

\* The settable vane directions vary depending on the indoor unit model to be connected.

			ltem		
Cooling	T		(⑥ OU TH4 temp.) – (⑦ OU TH6 temp.)		
Cooling			() IU air temp.) – ( IU HEX temp.)		
Usetine	Temp.	amerence	(⑥ OU TH4 temp.) – (⑩ IU HEX temp.)		
Heating			(1) IU HEX temp.) – (9) IU air temp.)		
Normal	Normal Norm		perating status.		
Filter inspe	Filter inspection		v be blocked.*1		
Inspection A C		Capacity is reduced. Detailed inspection is necessary.			
Inspection I	Inspection B R		nt level is low.		
Inspection	С	Filter or in	ndoor unit heat exchanger is blocked.		

\*1: Due to indoor and outdoor temperatures, "Filter inspection" may be displayed even if the filter is

\* The above graphs are based on trial data. Results may vary depending on installation/temperature

Autodescending Panel Operation

#### Easily raise/lower panels using the remote controller

Auto-descending panel operation is available as an option. Panels can be raise/lower using a button on the wired remote controller. Filter cleaning can be performed easily.

Initial Password Setting

#### Password for initial settings

A password is required (default setting is "0000") for initial settings such as time and display language.

![](_page_33_Figure_52.jpeg)

#### **Dual Set Point**

#### Two preset temperatures

When the operation mode is set to the Auto (Dual Set Point) mode, two preset temperatures (one each for cooling and heating) can be set. Depending on the room temperature, indoor unit will automatically operate in either the COOL or HEAT mode and keep the room temperature within the preset range.

![](_page_33_Figure_56.jpeg)

\* If the unit has no vane function, the vane direction cannot be set. In this case, the vane icon flashes when the 🐧 button is pressed.

MA Touch Remote Controller PAR-CT01MAA-SB PAR-CT01MAA-PB

![](_page_34_Picture_2.jpeg)

![](_page_34_Picture_3.jpeg)

PAR-CT01MAA-PB

#### **User-friendly** Visible big size icons on the full color touch panel display.

![](_page_34_Picture_7.jpeg)

Full color touch panel display

![](_page_34_Figure_8.jpeg)

![](_page_34_Figure_9.jpeg)

Touch Panel

Flexibility Customized display, color on parameter and background, editable parameter, logo image on the initial display.

#### Multiple color pattern

180 color patterns can be selected for control parameters or background on the display.

Control parameter customize Users can customize the panel todisplay the selected parameters only.

Control parameter customize

Simple operation panel is liked by users, especially in hotels. It is available to display only ON/OFF, set temp., fan speed.

![](_page_34_Picture_17.jpeg)

![](_page_34_Picture_18.jpeg)

160 pixels HOTEL 320 pixels

PM12:34Fri

#### Available in a wide variety of colors to suit the decor of any room.

![](_page_34_Picture_21.jpeg)

![](_page_34_Picture_22.jpeg)

#### Expandability Smartphone / tablet App is available for setting, customize, and control.

#### Bluetooth® low energy technology

![](_page_34_Figure_25.jpeg)

\*The Bluetooth® word mark is trademark of Bluetooth SIG, Inc., USA. \*Contact the sales company for information on "Bluetooth" function.

#### **Convenient BLE transmission functions for installation contractors**

Initial setup for the remote controller can be easily performed using BLE transmission via a smartphone

#### • Previous model

Previously, initial setup (selecting function parameters) was onlyavailable via the remote controller installed each room.

![](_page_34_Picture_31.jpeg)

#### **Convenient BLE transmission functions for guests**

Smartphone connectivity

For example, hotel guests can operate the air conditioner via their smartphones, without getting out of bed.

![](_page_34_Picture_36.jpeg)

![](_page_34_Figure_38.jpeg)

#### New model

The initial setup (selecting function parameters) can now be performed in advance on a smartphone, with the settings transmitted to the remote controller by enabling BLE transmission upon entry to the room.

The remote controller has been further upgraded with hotels in mind, to allow smartphone connectivity and multilingual support.

#### Multilingual support

The smartphone app can be displayed in the language that the guest's smartphone is set to.

![](_page_34_Figure_46.jpeg)

## Wireless Remote Controller PAR-SL101A-E

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

![](_page_35_Figure_6.jpeg)

#### Horizontal airflow settings

The 4-way cassette model complete with the Smart 360-degree Airflow system lets you easily set the horizontal airflow direction. This allows you to freely tailor the air conditioning performance according to your particular space and purpose.

![](_page_35_Figure_9.jpeg)

![](_page_35_Figure_10.jpeg)

66mn

22mm

A MIRARE

**28**.§\*-#

10:15

OTEMPO OOFF/ON

188mm

#### Weekly Timer

The Weekly Timer enables the setting of operation start and finish times and adjusting the temperature as standard features. Up to 4 patterns per day can be set, providing operation that matches the varying conditions of each period, such as the number of customers in the store

#### Example Operation Pattern (Winter/Heating mode)

![](_page_35_Figure_14.jpeg)

\*Weekly Timer cannot be used when On/Off Timer is in use. \*Only for SLZ-KF25/35/50/60VA2, PLA-ZP/RP35/50/60/71/100/125/140EA

Backlight

Backlight function incorporated, making screen easy to read in the dark. Even in dimly lit rooms, the screen can be seen clearly for trouble-free remote controller operation

![](_page_35_Picture_18.jpeg)

![](_page_35_Picture_19.jpeg)

#### Individual Vane Settings

The airflow directions of the four vanes can each be adjusted independently. Easily set the optimum airflow according to the room setting

![](_page_35_Figure_22.jpeg)

#### **Battery Replacement Sign**

Previous wireless remote controllers were not easy to read, understand or use sometimes because the battery was low. Beginning with the PAR-SL101A-E, a battery charge indicator that shows the charge status is included in the LCD so it can be seen when the battery is low and needs to be changed.

A MIRAR

and Warm

Ø

10:15

OTEMPO OOFF/ON

LOUVER

VANE

![](_page_35_Picture_26.jpeg)

\* Only available for compatible models.

### 3D i-see Sensor (Direct/Indirect Airflow)

Pressing the i-see button enables direct or indirect setting of all vanes.

![](_page_35_Figure_30.jpeg)

#### **Basic Functions**

Functions	Button	
OFF / ON	① OFF/ON	
Preset temperature		
Mode	MODE	Cool D
Fan speed	FAN Se	4-Speed
Vane angle	VANE I	🕅 5-step
Louver	WIDE VANE	Fixed
3D i-see Sensor	i-see ◢⊵™	Direct I
Send sign		*
Battery replacement sign		
Function setting	FUNCTION	
Test run		TEST
Self check		[CHECK]
Not available		N/A

\*This remote controller is only compatible with the following models: SLZ-M15/25/35/50/60FA, PLFY-P15/20/25/32/40/50VFM-E1, PLA-ZM/RP35/50/60/71/100/125/140EA, PLFY-P20/25/32/40/50/63/80/100/125VEM-E \*Functions available vary according to the model

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#### **Dual Set Point**

When the operation mode is set to the Auto (Dual Set Point) mode, two preset temperatures (one each for cooling and heating) can be set. Depending on the room temperature, the indoor unit will automatically operate in either the COOL or HEAT mode and keep the room temperature within the preset range.

![](_page_35_Figure_37.jpeg)

![](_page_35_Picture_38.jpeg)

#### Operation pattern during Auto (Dual Set Point) mode

\*Only available for models equipped with 3D i-see Sensor

		L	iquid o	crystal	
) y	Ö: Heat	Fan	Auto	Dual set point	*Dual Set Point function not operational first use.
	S A	wto			
	Ø	Ø			
S	wing	Auto			
S	wing				
dire	ect				

# **SYSTEM CONTROL**

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

![](_page_36_Figure_2.jpeg)

# OTHERS Sor M Series Indoor Units (New A-control Models Only) System Examples Connection Details 1 Remote On/Off Operation Connect the interface to the air onditioner. Then connect the inclusion purchased remotely. 4. ir conditioner can be started; stopped remotely. Mccastre under un

#### For P Series and S Series Indoor Units

	System E	Examples	Dotoilo	Major Ontional Darta Dag vira d
	Wired remote controller	Wireless remote controller	Details	iviajor Optional Parts Required
A 2-remote Controller Control With two remote controllers, control can be performed locally and remotely from two locations.	PAR-1HMAA PAC-YT52CRA * Star Main' and "Sub' remote controllers. (Example of 1 : 1 system)	PAR-SL97/101A-E PAR-SL97/101A-E PAR-TIMAR PAC-YT52/CRA * When using winde and reliess remote controllers (Example of Simultaneous Twin)	<ul> <li>Up to two remote controllers can be connected to one group.</li> <li>Both wired and wireless remote controllers can be used in combination.</li> </ul>	Wired Remote Controller PAR-41MAA PAC-YT52CRA (for PKA, PAC-SH29TC-E is required) Wireless Remote Controller PAR-SL97A-E/PAR-SL101A-E (only for SL2) Wireless Remote Controller Kit for PCA PAR-SL94B-E
B Operation Control by Level Signal Air conditioner can be started/ stopped remotely. In addition, Dr/Off operation by local remote controller can be prohibited/permitted.	Relay box (to be purchased) locally() Remote control control remote control (Example of 1 : 1 system x 2)	Relay box (to be purchased locally) Adapter for On/Off Figure 1 PAR-SL97/101A-E (Example of 1 : 1 system x 2)	<ul> <li>Operation other than On/Off (e.g., adjustment of temperature, fan speed, and airflow) can be performed even when remote controller operation is prohibited.</li> <li>Timer control is possible with an external timer.</li> </ul>	Adapter for remote On/Off PAC-SE55RA-E     Relay box (to be purchased locally)     Remote control panel (to be purchased locally)
C Operation Control by Pulse Signal	Relay box (to be purchased) locally() remote	Relay box to be purchased locally/ Connector Renotes control PAR-SL97/101A-E (Example of 1 : 1 system x 2)	<ul> <li>The pulse signal can be turned On/Off.</li> <li>Operation/emergency signal can be received at a remote location.</li> </ul>	Connector cable for remote display PAC-SA88HA-E/PAC-725AD (10 pcs. x PAC-SA88HA-E) Relay box (to be purchased locally) Remote control panel (to be purchased locally)
Remote Display of Operating Status Deprating status can be lisplayed at a remote location.	Remote operation dester Remote or earlier for remote display + Remote Remote BRH-41IMAA/PAR-CT01IMAA/ PAC+TEDCRA (Example of 1: 1 system)	Remote constraints display + Relay to: Remote the salie for remote display + Remote Remote Barross Barross PARSL97/101AE (Example of Simultaneous Twin)	• Operation/emergency signal can be received at a remote location (when channeled through the PAC-SF40RM-E → no-voltage signal, when channeled through the PAC-SA88HA-E → DC 12V signal).	Remote display panel (to be purchased locally)     Connector cable for remote display PAC-SA88HA-E / PAC-725AD (10 pcs. x PAC-SA88HA-E)     Relay box (to be purchased locally)     Remote operation adapter PAC-SF40RM-E     *Unable to use with wireless remote controller
E Timer Operation Allows On/Off operation with imer For control by an external timer, refer to B Operation Control by Level Signal.	PAR-LIMAA/ PAR-CTOIMAA (Example of 1 : 1 system)		Weekly Timer: On/Off and up to 8 pattern temperatures can be set for each calendar day. (Initial setting) On/Off Timer: On/Off Timer: On/Off Timer: Operation will be switched off after a certain time elapse. Set time can be changed from 30 min. to 4 hr. at 10 min. intervals. "simple Timer and Auto-off Timer cannot be used at the same time.	Standard functions of PAR-41MAA / PAR-CT01MAA

n Details	Control Details	Major Optional Parts Required
ace to the air connect the emote controller he interface.	On/Off operation is possible from a remote location.	<ul> <li>MAC-334IF-E (Interface)</li> <li>Parts for circuit such as relay box, lead wire, etc. (to be purchased locally)</li> </ul>
ace to the air connect the emote controller he interface.	The operation status (On/Off) or error signals can be monitored from a remote location.	• MAC-334IF-E (Interface) Parts for circuit to be purchased locally (DC power source needed) External power source (12V DC) is required when using MAC-334IF-E.

# **FUNCTION LIST**

Part	Category	Icon					S SERIES										P SERIES			
			ଣ୍ଡୁ Indoor unit		SLZ-M15/25/	35/50/60FA2 *4		SE	Z-M25/35/50/60/71D/	A(L)2	PLA-ZM	135/50/60/71/100/125	/140EA2			PLA-M3	35/50/60/71/100/125/	140EA2		
				0117.14	0117 1/4	DUZ 7M	01117 700	0117.14	0117 KA	0.17.71		DU 7 74			DUZ ZM		0117.14		DUZM	DUUZ D
			3 Outdoor unit	502-10	SUZ-KA	PUZ-ZIVI	PUHZ-ZRP	502-W	502-KA	PUZ-ZM	PUHZ-SHW	PUZ-ZIVI	PUHZ-ZRP	PURZ-SHW	PUZ-ZIVI	PUHZ-ZRP	SUZ-M	SUZ-KA	PUZ-M	PUHZ-P
	Function	3D Total Flow										•			•				•	
	mont up	2+1 Back-up rota	ation			•				•		•			•				•	
		Extended cooling	set temperature range									•			•				•	
		Display of model	names and serial numbers			•				•		•			•				•	
		Display of power	consumption	•		•		•		•		•			•		•		•	
Normal         Normal<		Avoiding simmIta	neous defrosting			•				•		•			•				•	
		Defrosting when	people are absent			•						•			•					
		Defrosting when	operation is stopped			•				•		•			•					
		Collection of ope	ration data via MELCloud			•				•		•			•				•	
Image: state		Demand control	via MELCloud			•				•		•			•				•	
		Notification of note	ntial abnormality via MEL Cloud			•				•					•					
	Technology	DC Inverter	,, ,, ,																	
	recrimology	Joint Lan DC Mo	tor									25.71	95.71		25.71	95.71			100	100
		Magnetia Elux Ves	tor Sine Ways Drive					-				33-71	33-71		33-71	35-71	-		100	100
		Deletere DO Do					•				•									
Note         Note <th< td=""><td></td><td>Reluctance DC Ro</td><td>tary Compressor</td><td>•</td><td>•</td><td></td><td></td><td>•</td><td>•</td><td></td><td></td><td>35-71</td><td>35-71</td><td></td><td>35-71</td><td>35-71</td><td>•</td><td>•</td><td>100-140</td><td>100-140</td></th<>		Reluctance DC Ro	tary Compressor	•	•			•	•			35-71	35-71		35-71	35-71	•	•	100-140	100-140
		Highly Efficient DC	Scroll Compressor			•	•				•	100-250	100-250	•	100-250	100-250			200-250	200-250
Image: sector		Heating Caulking	(Compressor)	•	•			•	•			35-71	35-71		35-71	35-71	•	•	100	100
		DC Fan Motor		•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
		Vector-Wave Ec	Inverter			•	•				•	•	•	•	•	•			•	•
Net         Net <td></td> <td>PAM (Pulse Amp</td> <td>litude Modulation)</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> <td></td> <td>•</td> <td>35-140</td> <td>35-140</td> <td>•</td> <td>35-140</td> <td>35-140</td> <td>•</td> <td>•</td> <td>100-140V</td> <td>100-140V</td>		PAM (Pulse Amp	litude Modulation)	•	•	•	•	•	•		•	35-140	35-140	•	35-140	35-140	•	•	100-140V	100-140V
Image         Image <th< td=""><td></td><td>Power Receiver an</td><td>d Twin LEV Control</td><td></td><td></td><td>•</td><td>•</td><td></td><td></td><td></td><td>•</td><td>35-250</td><td>35-140</td><td>•</td><td>35-250</td><td>35-140</td><td></td><td></td><td>100-250</td><td>100-140</td></th<>		Power Receiver an	d Twin LEV Control			•	•				•	35-250	35-140	•	35-250	35-140			100-250	100-140
Network         Network <t< td=""><td></td><td>Grooved Piping</td><td></td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td></td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td></t<>		Grooved Piping		•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
New part of the set	i-see Sens	or Felt Temperature Co	ntrol (3D i-see Sensor)	Opt	Opt	Opt	Opt				Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
Image: sector		AREA Temperate	ire Monitor	Opt	Opt	Opt	Opt				Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
Mark         Main         Main <t< td=""><td>Energy Savi</td><td>ng Demand Functio</td><td>n</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Opt</td><td>Opt</td><td>Opt</td><td>Opt</td><td>Opt</td><td>Opt</td><td></td><td></td><td>Opt</td><td>Opt</td></t<>	Energy Savi	ng Demand Functio	n								Opt	Opt	Opt	Opt	Opt	Opt			Opt	Opt
Norm         Norm <th< td=""><td>Attractive</td><td>Pure White</td><td></td><td>•</td><td>•</td><td>•</td><td>•</td><td></td><td></td><td></td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td></th<>	Attractive	Pure White		•	•	•	•				•	•	•	•	•	•	•	•	•	•
		Auto Vane		•	•		•				•	•	•	•	•	•	•	•	•	•
	Air Quality	Fresh-air Intake																		
		High-efficiency F	ilter								Opt	Ont	Opt	Opt	Ont	Opt	Opt	Opt	Opt	Opt
Improve         <		Oil Mist Eiltor									Орг	Opi	Орг	Opi	Opt	Ορι	Ορι	Ορι	Ορι	Ορι
Norm         Norm <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>												-								
Ner         Ner <td></td> <td>Eorig-Ille Filler</td> <td>-1</td> <td></td> <td>•</td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td>•</td> <td>•</td> <td></td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td>		Eorig-Ille Filler	-1		•	•					•	•	•		•	•	•	•	•	•
New part		Fliter Check Sign	lai	•	•	•	•				•	•	•	•	•	•	•	•	•	•
Mark         I <td>Air Distributio</td> <td>n Horizontal Vane</td> <td></td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> <td></td> <td></td> <td></td> <td>•</td>	Air Distributio	n Horizontal Vane		•	•	•	•				•	•	•	•	•	•	•	•	•	•
Norm         Norm <th< td=""><td></td><td>Vertical Vane</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		Vertical Vane																		
Include Number         Image Numbe		High Ceiling Mod	le	•	•	•	•				•	•	•	•	•	•	•	•	•	•
Norm         Norm <th< td=""><td></td><td>Low Ceiling Mod</td><td>e</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td><td>•</td></th<>		Low Ceiling Mod	e								•	•	•	•	•	•	•	•	•	•
New Part Net Net Net Net Net Net Net Net Net Ne		Auto Fan Speed	Mode	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
No         No<	Convenienc	e On/off Operation	Timer	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
No         Image: Normal set in the set in th		Auto Changeove	r	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
Normal         Image: section of the sectin of the sectin of the section of the section of the section of the		Auto Restart		•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
		Low-temperature	Cooling	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
No         Appendiquence         Income of the second seco	s	Low-noise Opera	tion (Outdoor Unit)			•	•				•	•	•	٠	•	•			•	•
0         0         1	Jatio	Ampere Limit Ad	justment			60-140V	60-140V				112/140	60-140V 200/250	60-140V 200/250	112/140	60-140V 200/250	60-140V 200/250				
Image: Normal problem	l m	Operation Lock																		
balse Part 3         i.e.		Rotation, Back-up	and 2nd Stage Cut-in Functions			•	•				•	•	•	•	•	•			•	•
Normal Net of the Ne		Dual Set Point *:	3			•	•					•	•		•	•			•	•
Area         Area <th< td=""><td>System</td><td>PAR-41MAA Cor</td><td>ntrol *1</td><td>Opt</td><td>Opt</td><td>Opt</td><td>taO</td><td>Opt</td><td>Opt</td><td></td><td>Opt</td><td>Opt</td><td>Opt</td><td>taO</td><td>Opt</td><td>Opt</td><td>Opt</td><td>taO</td><td>taO</td><td>Opt</td></th<>	System	PAR-41MAA Cor	ntrol *1	Opt	Opt	Opt	taO	Opt	Opt		Opt	Opt	Opt	taO	Opt	Opt	Opt	taO	taO	Opt
k         a.r.         a.	Control	PAR-CT01MAA	Control *1	Ont	Opt	Opt	Opt	Opt	Opt		Opt	Ont	Opt	Opt	Opt	Opt	Opt	Opt	Ont	Opt
New Concernence         Open Concernence<		PAC-YT52CBA	Control *1	Opt	Opt	Opt	Opt	Opt	Opt		Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
k         c		Centraliesd Op/	Off Control *1	Opt	Opt	Opt	Opt	Opt	Opt		Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
Normal state         Optimical sta		System Group C	antrol *1	Opt	Opt	Opt	Opt	Opt	Opt		Opt	Opt	Ορι	Opi	Opt	Ορι	Opt	Opt	Ορι	Ορι
Image: state of the control		M NET Care un		Opt	Opt	Opt	Opt	Opt	Opt		•		•		•	•	Opt	Opt		
Image: consistent of the space of				Opt	Opt			Opt	Opt		Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Upt
Image: state with the state	1	COMPO *2	D			/1-140	/1-140				•	/1-250	/1-250	•	/1-250	/1-250			•	•
Hease of Lxxxxxxxx         Hease of Lxxxxxxxxx         Hease of Lxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	Installation	Cleaning-free Pi	be Heuse	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
Ming/Piping Correction Function         Ming/Piping Correction Function         Ming/Piping Correction         Ming/		Reuse of Existin	g Wiring								Opt	Opt	Opt	Opt	Opt	Opt			Opt	Opt
bit         bit <td></td> <td>Wiring/Piping Co</td> <td>rrection Function</td> <td></td>		Wiring/Piping Co	rrection Function																	
Pump Down Switch         Pump Down Switch<		Drain Pump		•	•	•	•	Opt	Opt		•*5	•*5	•*5	•*5	•*5	•*5	•*5	•*5	•*5	•*5
Image: Internation Internatinternatinterease Internation Internation Internation In		Pump Down Swi	tch								•	•	•	•	•	•			•	•
Maintenance         Self-Diagnosis Function (Check Code Display)         Image: Code Display         Image: C		Flare Connection	1	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
Failure Recall Function       Failure Recall Function         *1 Please refer to "System Control" on pages for details.         *2 Please refer to pages 57 for details.         *2 Please refer to page 57 for details.	Maintenand	Ce Self-Diagnosis Fu	nction (Check Code Display)	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•
*1 Please refer to "System Control" on pages for details. *2 Please refer to page 57 for details. • Oct. Optional parts must be purchased.		Failure Recall Fu	Inction	•	•	•	٠	•	•		•	•	•	٠	•	•	•	•	•	•
Out Optional Date in the second of the secon	*1 Please refer t	o "System Control" or	pages for details.		• If a i	numerical figure is liste	ed, the feature is only a	vailable with the outdo	oor unit of that capacity							• If a n	umerical figure is liste	d, the feature is only a	vailable with the outdo	oor unit of that capacity

Please refer to "System Control" on pages for details.
 Please refer to page 57 for details.
 This function is only available with PAR-41MAA, PAC-YT52CRA, PAR-SL101A-E.
 SLZ-M15 can be connected with R32 MXZ only.
 PEAD-M JAL are not equipped with a drain pump.

# **FUNCTION LIST**

Category	lcon								P SERIES																P SERIES										
		Indoor unit		1	PEAD-M35/5	60/60/71/100/	125/140JA(L)	)2			PEA-M2	200/250LA			PKA-I	//35/50LA(L)2	2		PKA	-M60/71/100k	(A(L)2			PCA	M35/50/60/7	1/100/125/14	10KA2		PCA-N	171HA2		PSA-N	71/100/125/	140KA	
Outdoor unit P.S.		PUHZ	PUZ	PUHZ	PUZ	PUHZ	SUZ	SUZ	PUZ	PUHZ	PUZ	PUHZ	PUZ	PUHZ	PUZ	PUHZ	PUHZ	PUZ	PUHZ	PUZ	PUHZ	PUZ	PUHZ	PUZ	PUHZ	SUZ	SUZ	PUZ	PUHZ	PUHZ	PUZ	PUHZ	PUZ	SUZ	
		S Outdoor unit	-SHW	-ZM	-ZRP	-M	-P	-M	-KA	-ZM	-ZRP	-M	-P	-ZM	-ZRP	-M	-P	-SHW	-ZM	-ZRP	-M	-P	-ZM	-ZRP	-M	-P	-M	-KA	-ZM	-ZRP	-ZRP	-ZM	-P	-M	-M
Function merit-up	3D Total Flow																																		<u> </u>
	2+1 Back-up rotatio	n		•		•				•		•		•		•			•		•		•		•				•						L
	Extended cooling se	et temperature range												•		•			•		•		•		•				•			•		•	<b></b>
	Display of model nam	mes and serial numbers		•		•				•		•		•		•			•		•		•		•				•			•		•	<u> </u>
	Display of power co	onsumption		•		•		•		•		•		•		•			•		•		•		•		•		•			•		•	•
	Avoiding simmltane	eous defrosting		•		•				•		•		•		•			•		•		•		•				•			•			
	Defrosting when pe	ople are absent																																	
	Defrosting when op	peration is stopped		•						•				•					•				•						•			•			
	Collection of operati	ion data via MELCloud		•		•				•		•		•		•			•		•		•		•				•			•		•	
	Demand control via	MELCloud		•		•				•		•		•		•			•		•		•		٠				•			•		•	
	Notification of potential	abnormality via MELCloud		•		•				•		•		•		•			•		•		•		٠				•			•		•	
Technology	DC Inverter		•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	٠	•	•	•	•	•	•	•	•		
	Joint Lap DC Motor			35-71	35-71	100	100	•	•					35-71	35-71	100	100		60/71	60/71	100	100	35-71	35-71	100	100	•	•	71	71	71	71	100	100	•
	Magnetic Flux Vecto	or Sine Wave Drive					•			•	•	•		•		•	•		•					•		•				•	•	•			
	Reluctance DC Rota	arv Compressor		35-71	35-71	100-140	100-140			-		-		35-71	35-71		100-140		60/71	60/71	100-140	100-140	35-71	35-71	100-140	100-140			71	71	71	71	100-140	100-140	
	Highly Efficient DC	Scroll Compressor		100-250	100-250	200/250	200/250	-		•				100-200	100-200	-	200		100-250	100-250	200/250	200/250	100-250	100-250	200/250	200/250	-		100-250	100-250	100-250	200-250	200/250	200/250	
	Heating Caulking (C	Compressor)		35-71	35-71	100	100				•	•		35-71	35-71		200		60/71	60/71	100	100	35-71	35.71	100	100			71	71	71	71	100	100	
	DC Fan Motor					100																													
	Vector-Wave Eco In	verter																																	
	PAM (Pulse Amplitu	ide Modulation)		35-140	35-140	100-140V	100-140V			-			-	35-140	35-140	100V-140V	100V-140V		60-140	60-140	100-140V	100-140V	35-140	35-140	100-140V	100-140V			71-140	71-140	71-140	71-140	100-140V	100-140V	
	Power Receiver and	d Twin LEV Control		35-250	35-140	100-250	100-140							35-200	35-140	100-140	100-140		60-250	60-140	100-250	100-140	35-250	35-140	100-250	100-140	•	•	71-250	71-140	71-140	71-250	100-140	100-250	
	Grooved Piping			03 230	00 140	100 200	100 140							0.5 200	00 140	100 140	100 140		00 200	00 140	100 200	100 140	03 230	00140	100 200	100 140			11230	11140	11140	11250	100 140	100 200	
i-see Sens	or Felt Temperature Cor	introl (3D i-see Sensor)									•	•			•			•			•				•		•	•				•		•	
		Monitor																																	
Energy Sa	ving Demand Function	Monitor	Ont	Ont	Ont	Ont	Ont			Ont	Ont	Ont	Ont	Ont	Ont	Ont	Ont	Ont	Ont	Ont	Ont	Ont	Ont	Ont	Ont	Ont			Ont	Ont	Ont	Ont	Orat	Ont	
Attractive	Pure White		Opt	Opt	Opt	Opi	Opt			Opt	Ομι	Opi	Opt	Opr	Opt	Opr	Opi	Opi	Opt	Opi	Opr	Opr	Opt	Opr	Opi	Opi			Opi	Opt	Opr	Ορι	Opt	Ορι	
, audouvo	Auto Vane																															•			
Air Quality	Frosh-air Intako														•		•	•	•	•	•	•													
All Guality	High-officionay Eilta																						0.1	0.1	0.1	0.1	0.1	0	•						
	Oil Mist Eiltor																						Opt	Opt	Opt	Opt	Opt	Opt							
	University Filter																												•	•					
	Eilter Check Signal			•		•	•		•	Opt	Opt	Opt	Opt						0.1						•		•	•						•	
	Filter Check Signal		•	•	•	•	•	•	•	•	•	•	•	Opt	Opt	Opt	Upt	Opt	Opt	Opt	Opt	Opt	•	•	•	•		•	•	•	•	•		•	
Distributio	Horizoniai vane													•	•	•	•	•	•	•	•	•	•	•	•	•	•	•					-	-	
	vertical varie																														•	•	•	•	
	High Celling Mode																						•	•	•	•	•	•							<b> </b>
	Low Ceiling Mode																						•	•	•	•	•	•					-		
	Auto Fan Speed Mo	ode	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	-
Convenier	ice On/off Operation Tir	mer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Auto Changeover		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Auto Restart		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	
	Low-temperature Co	ooling	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ions	Low-noise Operation	on (Outdoor Unit)	•	•	60.1401/	•	•			•	•	•	•	•	71 14014	•	•	•	•	60.1401/	•	•	•	60.1401/	•	•			•	71.1401/	71.1401/	•	•	•	
Innct	Ampere Limit Adjust	tment	112/140	60-140V	200/250						•			71-140V	200			112/140	60-140V	200/250			60-140V	200/250						200/250	200/250	71-140V			<u> </u>
<b>"</b>	Operation Lock																																		
	Rotation, Back-up and 2	2nd Stage Cut-in Functions	•	•	•	•	•			•		•		•	•	•	•	•	•	•	•	•	•	•	•	•			•	•					<u> </u>
	Dual Set Point *4			•	•	•	•			•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•									
System Control	PAR-41MAA Contro	ol *1	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	•	•	•	•	•
	PAR-CT01MAA Cor	ntrol *1	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt					<u> </u>
	PAC-YT52CRA Con	ntrol *1	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt					<u> </u>
	Centraliesd On/Off (	Control *1	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt		Opt		Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
	System Group Cont	trol *1	•	•	•	•	•	Opt	Opt	•	•	•	•	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	•	•	•	•	Opt	Opt	•	٠	Opt	Opt	Opt	Opt	Opt
	M-NET Connection	*1	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
	COMPO *2		•	71-250	71-250	•	•			•		•		71-200	71-200	•	•	•	71-250	71-250	•	•	71-250	71-250	•	•			71-250	71-250	71-250	71-250			<u> </u>
Installation	Cleaning-free Pipe P	Reuse	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Reuse of Existing W	Viring	Opt	Opt	Opt	Opt	Opt							Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt			Opt	Opt	Opt	Opt	Opt	Opt	L
	Wiring/Piping Correct	ection Function																																	
	Drain Pump		•*3	•*3	••3	•*3	••3	••3	•*3	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt							
	Pump Down Switch	1	•	•	•	•	•			•	•	•	•	٠	•	٠	٠	٠	•	٠	٠	•	٠	•	٠	•			٠	٠					
	Flare Connection		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Maintenar	ce Self-Diagnosis Function	ion (Check Code Display)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Failure Recall Funct	tion	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•		•	•	•	•

1 Please refer to "System Control" on pages for details.
 2 Please refer to page 64 for details.
 3 PEAD-M JAL are not equipped with a drain pump.
 4 This function is only available with PAR-41MAA, PAC-YT52CRA, PAR-SL101A-E.

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

# Optional Parts List <P series Outdoor>

$\smallsetminus$	Ontion		[	Distribut	tion Pipe	е					Join	t Pipe					Liquid	d Refrid	gerant														Step	
	Option		For Twin For Triple								LInit	Unit	LInit	LInit	l Init	l Init		Dryer	gorant														Interfac	e <sub>High</sub>
			or Turin		ForT	Triplo	For	Unit	ø6.35	Unit ø9.52	ø15.88	3 ø9.52	ø6.35	5 ø9.52	o12.7	ø12.7	-	_	_	م الم		Suida	Air F	Protectio	1   .	Drain Coakat	C C	entralized	t	M-NET		Control/		Static
			50.20)		(33.33	3·33)	Quadruple		>	>	>	>	>	>	>	>	For	For	For	AIR	Outlet	Juide		Guide		Jiain Socket	[	Drain Pan		Converter	r	Tool	1 PC bo	ard Fan
		\ \	00.00)		(00.00	0.00)	(25:25:25:25	) Pipe	ø9.52	Pipe ø12.7	Pipe	Pipe	Pipe	Pipe	Pipe	Pipe	06.35	5 ø9.52	012.7	·													ment k	it Motor
										ļ.,,	019.05	015.88	09.52	2 012.7 0	<i>9</i> 9.52	015.88				<u> </u>														
		MSDD- MSD	DD- MSDI	D-MSDD-	- MSDT-	MSDT-	MSDF- MSDF	- PAC-	PAC-	PAC- PAC-	PAC		DAC	Flare	MAC	MAC	PAC-	PAC-	PAC-	PAC-	PAC-	PAC-	PAC-	PAC- P	C-PA	C- PAC- PAC-	PAC-	PAC-	PAC-	PAC- PAC- F	PAC-	PAC-	PAC- PAG	J-(S) PAC-
Outdoor Unit		50TR 50T	R2 50W	R 50WR2	2 111R	111R3	1111R 1111R	2  SG72	2 SJ87	SG73 SJ88	SG75	SG76	493	A454	A455	A456	SG81	SG82	SG85	SJ07	SG59	SH96	SJ06	SH63 SI	195 SJ	08  SG60  SG61	SG63	SG64 S	SH97	SK15 SJ96 S	SJ95	SK52	IF012	J13 SJ71
			:   -E	-E	-E	-E	-E   -E	RJ-E	RJ-E	RJ-E RJ-E	KJ-E	RJ-E	PI	JP-E	JP-E	JP-E	DR-E	DR-E	DR-E	SG-E	SG-E	SG	AG-E	AG-E A		-EDS-EDS-E	DP-E		JP-E		/IA-E	51	B-E	-E FIM-E
Power	PUZ-ZM35VKA2																													•				
Inverter	PUZ-ZM50VKA2																													•				
(R32)	PUZ-ZM60VHA2																									•								
	PUZ-ZM71VHA2									•																•								
	PUZ-ZM100VKA2																									•					•			
	PUZ-ZM100YKA2																																	
	PUZ-ZM125VKA2						•			•																•								
	PUZ-ZM125YKA2						•																			•					•			
	PUZ-ZM140VKA2																																	
	PUZ-ZM140YKA2			_			•																			•								
	PUZ-ZM200YKA2			•		•	•			•																•			•				(	
	PUZ-ZM250YKA2																									•							(	
Power	PUHZ-ZRP35VKA2			_																													• •	
Inverter	PUHZ-ZRP50VKA2							•																						•			• •	
(R410A)	PUHZ-ZRP60VHA2			_				_																		•					•			
	PUHZ-ZRP71VHA2			_						•														•		•					•		• •	
	PUHZ-ZRP100VKA3				•					•							 	•								•			•		•	•	• •	
	PUHZ-ZRP100YKA3			_			-		-	•																•			•		•			
S	PUHZ-ZRP125VKA3			_			•			•							<b> </b>									•			•		•		• •	
	PUHZ-ZRP125YKA3			_	•		•			•							 	•				•				•			•		•	•	• •	
	PUHZ-ZRP140VKA3			_						•																•			•		•			
Le l	PUHZ-ZRP140YKA3		-	_	•		•	_		•								•		<u> </u>						•	<u> </u>				•			
	PUHZ-ZRP200YKA3		•				•			•								•		<u> </u>						•					•			
	PUHZ-ZRP250YKA3				•		•																			•					•			
Standard	PUZ-M100VKA2			_				_												<u> </u>						•					•	•		
Inverter (P32)	PUZ-M125VKA2			_				_									<u> </u>									-			•		•			_
(1102)	PUZ-M140VKA2			_		•																				-								
														++			 									-						-		
	PUZ-M125YKA2			-				-	-								-			-	-				_	-								_
	PUZ-M140YKA2								-												-					•								
						•			-									•							_	-						-		
	PUZ-M250YKA2			-		•											-		-							-	-							
Standard																																		
(B410A)														+					-	-								+			-			
														+			 								$\vdash$			+	-		-			_
														+ +																				
	I UNZ-F20UTKAS										1						1	1		1														<u> </u>

## Optional Parts List <S series Outdoor>

$\smallsetminus$	Option				Joint	Pipe														
	C pilon	Unit ø6.35 > Pipe ø9.52	Unit ø9.52 > Pipe ø12.7	Unit ø15.88 > Pipe ø19.05	Unit ø9.52 > Pipe ø15.88	Unit ø6.35 > Pipe ø9.52	Unit ø9.52 > Pipe ø12.7	Unit ø12.7 > Pipe ø9.52	Unit ø12.7 > Pipe ø15.88			ļ	Air Outl	et Guic	le			p (for	Freeze- reventic Heater Drain F	n Pan)
Outdoor Unit		PAC- SG72 RJ-E	PAC- SG73 RJ-E	PAC- SG75 RJ-E	PAC- SG76 RJ-E	PAC- 493 PI	Flare MAC- A454 JP-E	MAC- A455 JP-E	MAC- A456 JP-E	MAC- 881 SG	MAC- 882 SG	MAC- 856 SG	MAC- 886 SG-E	MAC- 883 SG	PAC- SJ07 SG-E	PAC- SG59 SG-E	PAC- SH96 SG-E	MAC- 643 BH-E	MAC- 644 BH-E	MAC- 646 BH-E
S SERIES	SUZ-M25VA																			
(R32)	SUZ-M35VA																			
	SUZ-M50VA																			
	SUZ-M60VA																			
	SUZ-M71VA																			
P SERIES	SUZ-KA25VA6																			
(R410A)	SUZ-KA35VA6																			
	SUZ-KA50VA6																			
	SUZ-KA60VA6																			
	SUZ-KA71VA6																			

### Optional Parts List <Indoor>

$\smallsetminus$	Option								Filter									Filter					Р	lasma Qu	ad Conne	ct				3D i	-500	3D			
		Oil Mist Filter Element	Long Life Filter		High-effici Eler	iency Filte ment	ər			VE	Blocking F	ilter			Filte	er Box		Filter Box	(	Plasm Cor	na Quad	Attach	iment for I	Ducted		Bc	ox for Duc	ted		Sen Cor Pa	nsor mer nel	Total Flow unit	Shutter Plate	Insulation kit	Multi- functional Casement
Indoor Unit		PAC- SG38 KF-E	PAC- KE85 LAF	*10 PAC- SH59 KF-E	*11 PAC- SH88 KF-E	*12 PAC- SH89 KF-E	*13 PAC- SH90 KF-E	PAC- SK53 KF-E	PAC- SK54 KF-E	*5 PAC- SK55 KF-E	*6 PAC- SK56 KF-E	PAC- SK57 KF-E	MAC- 2470 FT-E	MAC- 1416 FT-E	PAC- KE92 TB-E	PAC- KE93 TB-E	PAC- KE94 TB-E	PAC- KE95 TB-E	PAC- KE250 TB-F	MAC- 100 FT-E	PAC- SK51 FT-E	PAC- HA11 PAR	PAC- HA31 PAR	PAC- HA31 PAU	PAC- KE91 PTB-E	PAC- KE92 PTB-E	PAC- KE93 PTB-E	PAC- KE94 PTB-E	PAC- KE95 PTB-E	PAC- SF1 ME-E	PAC- SE1 ME-E	*1 PLP- U160 ELR-E	*8 PAC- SJ37 SP-E	PAC- SK36 HK-E	*9 PAC- SJ41 TM-E
4-way	SLZ-M15FA2	+					1		•																					•				<u> </u>	+
cassette	SLZ-M25FA2																																		
	SLZ-M35FA2																																		
	SLZ-M50FA2																																		
	SLZ-M60FA2																																		
Ceiling -	SEZ-M25DA(L)2																													-					
conceald	SEZ-M35DA(L)2																																		-
	SEZ-M50DA(L)2																																		
S SE	SEZ-M60DA(L)2																																		
	SEZ-M71DA(L)2																																		
4-way	PLA-ZM35EA2																																		
Cassette	PLA-ZM50EA2																																		
	PLA-ZM60EA2																																		
	PLA-ZM71EA2																																		
	PLA-ZM100EA2																																		
	PLA-ZM125EA2																																		
	PLA-ZM140EA2																																		
	PLA-M35EA2																																		
	PLA-M50EA2																																		
	PLA-M60EA2																																		
	PLA-M71EA2																																		
	PLA-M100FA2																																		
	PLA-M125EA2																																		
	PLA-M140EA2																																		
Ceiling -	PEAD-M35-IA(L)2																																-		
conceald	PEAD-M50-IA(L)2																																	<u> </u>	
		-																																	
		-																																	
	PEAD-M125 IA(L)2																																		
	PEAD-M1200A(L)2																											-							
Wall -	PKA-M35LA(L)2		-																-															<u> </u>	
ഗ്ര mounted	PKA-M50LA(L)2																																	<u> </u>	
	PKA-M60KA(L)2																																	<u> </u>	
Р В	PKA M71KA(L)2	-																			-														
Ceiling -																																		<u> </u>	
suspended																																			
																																		<u> </u>	
	PCA-M100KA2																																	<u> </u>	
	PCA-M125KA2																																		
																																		<u> </u>	
Floor -																																			
standing																																		<u> </u>	
	PSA-M140KA																																		
*1 2D Total Flow unit/		upped with D		d Connoct			oulation kit			huttor Dioto							*10	Linh officia	nov filtor d	lomont/D/			t ha waad w	with 2D Tot				Blooms Ou	ad Cannar						
<ul> <li>Wulti functional cas</li> <li>*2 Plasma Quad Com Multi functional cas</li> <li>*3 Insulation kit(PAC- Shutter Plate(PAC-</li> <li>*4 V Blocking Filter(P)</li> <li>*5 V Blocking Filter(P)</li> <li>*6 V Blocking Filter(P)</li> <li>*7 V Blocking Filter(P)</li> <li>*8 Shutter Plate(PAC-</li> <li>*9 Multi functional cas</li> </ul>	In the energy (PAC-SN41TM-E) and inect(PAC-SN41TM-E) and inect(PAC-SN41TM-E) and inect(PAC-SN41TM-E) and inect(PAC-SN41TM-E) and inect(PAC-SN53KF-E) cannot be used vSJ37SP-E), Multi functional cAC-SN55KF-E) cannot be used AC-SN55KF-E) cannot be used AC-SN55KF-E) cannot be used sement(PAC-SJ41TM-E) cannot performant (PAC-SJ41TM-E) cannot performant (PAC-SJ41T	High-efficien be used with High-efficien with 3D Tota asement(P/ ed with High ed with High ed with High ed with High ed with High ed with High not be used	Automa Qua ancy filter el h PLP-U16 hocy filter el l Flow unitt AC-SJ41TI h-efficiency h-efficiency h-efficiency l Flow unitt with 3D To	lement(PAC 60ELR-E(3) 60ELR-E(3) (PLP-U160 M-E) and H r filter elem r filter elem r filter elem f filter elem filter elem (PLP-U160 otal Flow ur	C-SH59KF D Total Flo C-SH59KF DELR-E), P ligh-efficiel ent(PAC-S ent(PAC-S ent(PAC-S ent(PAC-S DELR-E) ar nit(PLP-U1		sulation kit ad Connec lement(PA( ). ). ). ). ). ). ). ). ). ). ). ). ).	t (PAC-SK3 tt(PAC-SK5 C-SH59KF -SK36HK-E Quad Conn	51FT-E), A 51FT-E), A 5-E) E). ect(PAC-S	uto elevatio uto elevatio K51FT-E) a	n panel(P n panel(Pl n d Insulat	ion kit(PAC	PLP-6EAJ PLP-6EAJ PLP-6EAJ	E), E),			*11 *12 *13	High-efficie High-efficie High-efficie High-efficie	kit (PAC-S ency filter e ency filter e ency filter e	K36HK-E) element(PA element(PA	and V Blo AC-SH88KI AC-SH89KI AC-SH90KI	canno cking Filter F-E) canno F-E) canno F-E) canno	(PAC-SK53 t be used v t be used v t be used v	With V Bloc vith V Bloc vith V Bloc	king Filter( king Filter( king Filter(	PAC-SH88 PAC-SH89 PAC-SH90	жееп-е), 3КF-Е). ЭКF-Е). ЭКF-Е).	r iasma QU		n(rAU-3K	JTF I-⊑),				

## Optional Parts List <Indoor>

$\square$		Option													MA &								ired Remo	ote Contro	ller		Wire	eless Ren	note Contr	oller					Connector
		<	Fresh-a Di Fla	ir Intake uct nge	Space Panel			ſ	Drain Pum	p			Decorative Cover	System Control Interface	Contact Terminal Interface	Wi-Fi Interface		Power S	upply Terr	minal Kit			Controlle	r	Terminal Block kit for PKA	Signal	Sender	Sig	gnal Recei	ver	Controller Kit (Sender & Beceiver)	Remote Sensor	Remote On/Off Adapter	Remote Operation Adapter	Cable for Remote
									T														1								(included)	<u> </u>	<u> </u>		
			PAC-	PAC-	PAC-	PAC-	PAC-	PAC-	PAC-	PAC-	PAC-	PAC-	PAC-	MAC-	MAC-	MAC-	PAC-	PAC-	PAC-	PAC-	PAC-	PAR-	PAR-	PAC-	PAC-	PAR-	PAR-	PAR-	PAR-	PAR-	PAR-	PAC-	PAC-	PAC-	PAC-
			SH65	SF28	SJ65	SK19	SK01	SJ92	SJ93	SJ94	KE07	KE06	SF81	334	397	587	SK38	SG94	SG96	SG97	SJ39	41	CT01	YT52	SH29	SL97	SL101	SA9	SF9	SE9	SL94	SE41	SE55	SF40	SA88
In	door Unit		OF-E	OF-E	AS-E	DM-E	DM-E	DM-E	DM-E	DM-E	DM-E	DM-FI	KC-E	IF-E	IF-E	IF-E	HR-E	HR-E	HR-E	HR-E	HR-E	MAA	MAA	CRA	TC-E	A-E	A-E	CA-E	FA	FA-E	B-E	TS-E	RA-E	RM-E	HA-E
	4-way	SLZ-M15FA2																									• •4				$\square$			• *2	
	cassette	SLZ-M25FA2																									• *4							• *2	
		SLZ-M35FA2																									• '4							• *2	
		SLZ-M50EA2																									• •4			$ \rightarrow$				• *2	
BS																											•4				+			• • 2	
SER	Ceiling -	SEZ MOEDA(L)2																				DA2	DA2	DA2			• •4				┝──┤			• *2	
S	conceald																					DA2	DA2	DAC			• '4								
		SEZ-M35DA(L)2																				DA2	DA2	DA2			• •			<u> </u>				• *2	
		SEZ-M50DA(L)2																				DA2	DA2	DA2							<b> </b>			• *2	
		SEZ-M60DA(L)2						<u> </u>	<u> </u>							•						DA2	DA2	DA2			•	•	<u> </u>	<u> </u>	$\square$			• <sup>2</sup>	•
		SEZ-M71DA(L)2						4														DA2	DA2	DA2			• 4				$\square$			• 2	
	4-way	PLA-ZM35EA2												• 1	• 1	•											• 4							• *2	•
	Casselle	PLA-ZM50EA2												• "	• 1												• *4							• *2	
		PLA-ZM60EA2												• 1	• *1												• •4							• *2	
		PLA-ZM71EA2												• 1	• *1												• *4							• *2	
		PLA-ZM100EA2												• "	•"												• •4							• *2	
		PLA-ZM125EA2												• 1	• *1												• '4							• *2	
		PLA-ZM140EA2												•"	• "												• •4							• *2	•
		PLA-M35EA2												• 1	•1												• '4							• *2	
		PLA-M50EA2												•1	-1												• '4							• *2	
		PLA-M60EA2												1	-1												• •4				<b>├</b> ── <b>┦</b>			• *2	
														1	1												•4							• •2	
									<u> </u>					1	-1												• •4				├──┦			• • 2	
		PLA-MIDDEA2																									• '4							• •2	
		PLA-MI2SEA2																									• •4				┝──┦				
	Coiling -	PLA-M140EA2	•		•									• *	• *						•						• 1			•	<b> </b>			• *2	
	conceald	PEAD-M35JA(L)2						<u> </u>	<u> </u>							•											• •			<u> </u>	$\square$				•
		PEAD-M50JA(L)2						4																			• •							<b>2</b>	•
		PEAD-M60JA(L)2						<u> </u>	<u> </u>					• 1	• 1												• 4				$\square$			• *2	•
		PEAD-M71JA(L)2												• 1	• 1												• 4							• *2	
		PEAD-M100JA(L)2												• 1	• "												• •4							• *2	
BIES		PEAD-M125JA(L)2												• 1	• 1												• *4							• *2	
P SE		PEAD-M140JA(L)2												• "	• "												• 4							• *2	
		PEA-M200LA												• "	• "												• *4							• *2	
		PEA-M250LA												• "	• "												• *4							• *2	
	Wall -	PKA-M35LA(L)2												• *1	• "							• *3	•*3	• *3			• *4							• *2	
	mounted	PKA-M50LA(L)2												• "	• "							• "3	• *3	•*3		٠	• •4							• *2	
		PKA-M60KA(L)2												• *1	• *1							• *3	• *3	• *3			• •4								
		PKA-M71KA(L)2						-						• "	• "							• "3	• *3	• *3			• •4						•		•
		PKA-M100KA(L)2												• *1	• 1							• • • •	• •3	• •3			• •4								
	Ceiling -	PCA-M35KA2												-1	-1												• •4							• •2	
	suspended								<u> </u>					-1	-1												• •4							• •2	
														- 1	- 11												• •4								
		PCA-M60KA2								•				• 1	• *												• *			<u> </u>				• *2	
		PCA-M71KA2													• •												- "								
		PCA-M100KA2						<u> </u>																			•								
		PCA-M125KA2																									• 4							• *2	
		PCA-M140KA2																									• 4							• *2	
		PCA-M71HA2																									• 4							• *2	
	Floor -	PSA-M71KA																									• *4							• *2	
	standing	PSA-M100KA																									• *4							• *2	
		PSA-M125KA																									• •4							• *2	
		PSA-M140KA																									• *4							• *2	