


## SERIES SELECTION

### Power Inverter Series

#### Indoor Unit




PLA-ZM35/50/60/71/100/125/140EA2

#### Panel

Panel	With Signal Receiver	With 3D i-see Sensor	With Wireless Remote Controller	With Auto Elevation
PLP-6EA				
PLP-6EAL	✓			
PLP-6EAE		✓		
PLP-6EALAE	✓	✓		
PLP-6EAJ	✓			✓
PLP-6EAJE	✓	✓		✓
PLP-6EALM2	✓		✓	
PLP-6EALME2	✓	✓	✓	

#### Outdoor Unit


For Single



PUHZ-ZRP35/50    PUHZ-ZRP60/71    PUHZ-ZRP100/125/140

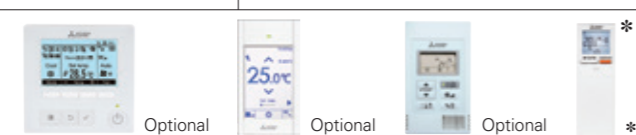
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For Multi (Twin/Triple/Quadruple)



PUHZ-ZRP71    PUHZ-ZRP100/125/140/200/250

#### Remote Controller



Optional    Optional    Optional    \*

\* Enclosed in PLP-6EALM2/PLP-6EALME2

### PLA-ZM EA2 Indoor Unit Combinations


Indoor unit combinations shown below are possible.

Indoor Unit Combination	Outdoor Unit Capacity																				
	For Single								For Twin				For Triple		For Quadruple						
	35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250	
Power Inverter (PUHZ-ZRP)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4	
Distribution Pipe	-	-	-	-	-	-	-	-	-	MSDD-50TR-E				MSDD-50WR-E		MSDT-111R-E		MSDF-1111R-E		-	-

## SERIES SELECTION

### Standard Inverter Series

#### Indoor Unit




PLA-M35/50/60/71/100/125/140EA2

#### Panel

Panel	With Signal Receiver	With 3D i-see Sensor	With Wireless Remote Controller	With Auto Elevation
PLP-6EA				
PLP-6EAL	✓			
PLP-6EAE		✓		
PLP-6EALAE	✓	✓		
PLP-6EAJ	✓			✓
PLP-6EAJE	✓	✓		✓
PLP-6EALM2	✓		✓	
PLP-6EALME2	✓	✓	✓	

#### Outdoor Unit


For Single



SUZ-KA35    SUZ-KA50/60/71    PUHZ-P100/125/140

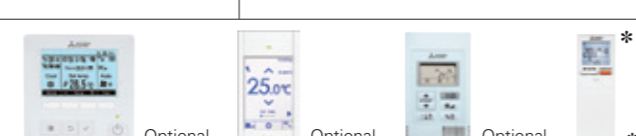
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For Multi (Twin/Triple/Quadruple)



PUHZ-P100/125/140    PUHZ-P200/250

#### Remote Controller



Optional    Optional    Optional    \*

\* Enclosed in PLP-6EALM2/PLP-6EALME2

### PLA-M EA2 Indoor Unit Combinations

Indoor unit combinations shown below are possible.

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

## PLA-ZM SERIES POWER INVERTER

i-see Sensor
 Demand Control
 Pure White
 AUTO VANE
 Fresh-air Mode
 High-efficiency
 Long Life
 Check!
 SWING
 High Calling
 Low Calling
 AUTO
 ACC
 Auto Restart
 Low Temp Cooling

Silent
 Ampere Limit
 Rotation Back-up
 Group Control
 M-NET connection
 COMPO
 Wi-Fi Interface
 Wiring Reuse
 Drain Lift Up
 Pump Down
 Fire connection
 Self Diagnosis
 Failure Recall

Type	Inverter Heat Pump													
Indoor Unit	PLA-ZM35EA2	PLA-ZM50EA2	PLA-ZM60EA2	PLA-ZM71EA2	PLA-ZM100EA2	PLA-ZM125EA2	PLA-ZM140EA2	PLA-ZM150EA2	PLA-ZM125EA2	PLA-ZM140EA2	PLA-ZM150EA2	PLA-ZM140EA2	PLA-ZM150EA2	
Outdoor Unit	PUHZ-ZRP35KA2	PUHZ-ZRP50KA2	PUHZ-ZRP60KA2	PUHZ-ZRP71KA2	PUHZ-ZRP100KA2	PUHZ-ZRP125KA2	PUHZ-ZRP140KA2	PUHZ-ZRP150KA2	PUHZ-ZRP125KA2	PUHZ-ZRP140KA2	PUHZ-ZRP150KA2	PUHZ-ZRP140KA2	PUHZ-ZRP150KA2	
Refrigerant <sup>(1)</sup>	R410A													
Power Supply	Outdoor power supply VKA-VHA-230/Single/50, YKA-400/Three/50													
Cooling	Capacity	Rated	kW											
	Min-Max	3.6    5.0    6.1    7.1    9.5    12.5    12.5    13.4    13.4												
	Total Input	Rated	kW											
	EER	Rated	1.6-4.5    2.3-5.6    2.7-6.5    3.3-8.1    4.9-11.4    4.9-11.4    5.6-14.0    5.6-14.0    6.2-15.0    6.2-15.0											
	Design load	kW												
Heating	Capacity	Rated	kW											
	Min-Max	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											
	COP	Rated	4.82    3.85    3.70    4.20    4.31    4.31    3.81    3.81    3.30    3.30											
	Design load	kW												

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

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

## PLA-M SERIES STANDARD INVERTER

i-see Sensor
 Demand Control
 Pure White
 AUTO VANE
 Fresh-air Mode
 High-efficiency
 Long Life
 Check!
 SWING
 High Calling
 Low Calling
 AUTO
 ACC
 Auto Restart
 Low Temp Cooling

Silent
 Rotation Back-up
 Group Control
 M-NET connection
 COMPO
 Wi-Fi Interface
 MXZ connection
 Wiring Reuse
 Drain Lift Up
 Pump Down
 Fire connection
 Self Diagnosis
 Failure Recall

Type	Inverter Heat Pump													
Indoor Unit	PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	PLA-M100EA2	PLA-M125EA2	PLA-M140EA2	PLA-M150EA2	PLA-M125EA2	PLA-M140EA2	PLA-M150EA2	PLA-M140EA2	PLA-M150EA2	
Outdoor Unit	SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6	PUHZ-P100VA6	PUHZ-P125VA6	PUHZ-P140VA6	PUHZ-P150VA6	PUHZ-P125VA6	PUHZ-P140VA6	PUHZ-P150VA6	PUHZ-P140VA6	PUHZ-P150VA6	
Refrigerant <sup>(1)</sup>	R410A													
Power Supply	Outdoor power supply VA-VKA-230/Single/50, YKA-400/Three/50													
Cooling	Capacity	Rated	kW											
	Min-Max	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											
	EER	Rated	3.53    3.42    3.24    3.38    2.95    2.95    2.95    2.95    2.51    2.51											
	Design load	kW												
Heating	Capacity	Rated	kW											
	Min-Max	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											
	COP	Rated	4.10    1.690    1.970    2.247    3.265    3.265    3.846    3.846    4.672    4.672											
	Design load	kW												

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

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

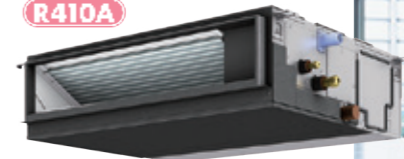
**PLA-M SERIES**  
POWER INVERTER



Type		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	PLA-M140EA2	PLA-M140EA2
Outdoor Unit		PUH2-ZRP35VKA2	PUH2-ZRP50VKA2	PUH2-ZRP60VHA2	PUH2-ZRP71VHA2	PUH2-ZRP100VKA3	PUH2-ZRP100VKA3	PUH2-ZRP125VKA3	PUH2-ZRP125VKA3	PUH2-ZRP140VKA3	PUH2-ZRP140VKA3	PUH2-ZRP140VKA3	PUH2-ZRP140VKA3
Refrigerant**1		R410A											
Power Supply		Outdoor power supply											
Outdoor(V/Phase/Hz)		VKA-VHA:230/Single/50, YKA:400/Three/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	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
	EER			4.32	3.53	3.49	3.80	4.26	4.26	3.23	3.23	3.05	3.05
	Design load	kW	3.6	5.0	6.1	7.1	9.5	9.5	12.5	12.5	13.4	13.4	13.4
Heating (Average Season)	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 - 5.8	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	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	4.1	6.0	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0	16.0

# PEAD SERIES

R32  
R410A



PEAD-M35/50/60/71/100/125/140JA2

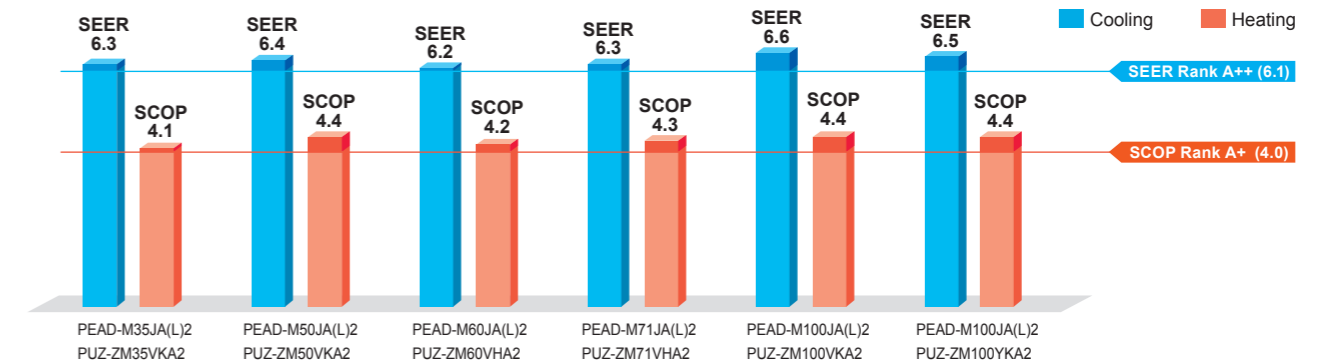


Energy efficiency has been improved. A reduced electricity consumption contributes to a further reduction in operating cost. The thin body with a wide-ranged external static pressure of this series is the perfect answer for the air conditioning needs of buildings with minimum ceiling installation space.

## 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.



\*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 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.

## Compact Indoor Units

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

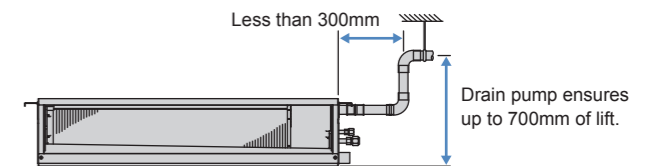
## Selectable Static Pressure Levels

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

## Drain Pump is Optionally Selectable

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

- 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.