


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

### Swinging




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

### Horizontal, vertical, and diagonal airflow delivered to every corner

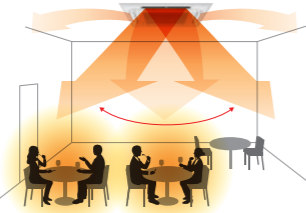
The combination of the vertical vanes with the horizontal louver unit makes it possible to direct airflow in any direction. This quickly makes the entire room comfortable, even when diagonal airflow is necessary.

**Without 3D Total Flow**



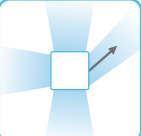
There are some areas that cannot receive air through vertical airflow control.

**With 3D Total Flow**



Swinging in both the vertical and horizontal directions provides a 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

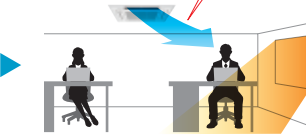
3D i-see sensor detects areas with uneven temperatures, even if they are caused by the installation orientation of the air conditioner or the influence of strong sunlight. Efficient air conditioning is possible thanks to the ability to send focused airflow to such areas, even those in a diagonal position.

**Without 3D Total Flow**



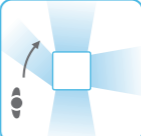
Depending on application, conventional systems may take a long time to cool down hot spots.

**With 3D Total Flow**



The new system efficiently eliminates hot spots by using targeted airflow.

### Indirect mode




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

### Prevents direct airflow and keeps you comfortable


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

**Without 3D Total Flow**



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


**With 3D Total Flow**



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

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

### Direct mode

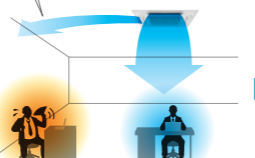


When set to "Direct" mode, the system detects the position and diverts airflow towards wherever they are located.

### Delivers airflow even in diagonal directions

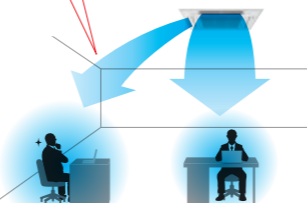
You can freely turn on "Direct" mode depending on personal preference. This allows for air conditioning in diagonal directions which was difficult for models that could only swing the airflow up and down. This feature is perfect for when you come back home on a hot day.

**Without 3D Total Flow**



It is difficult to direct airflow in diagonal directions when only using vertical vanes.

**With 3D Total Flow**

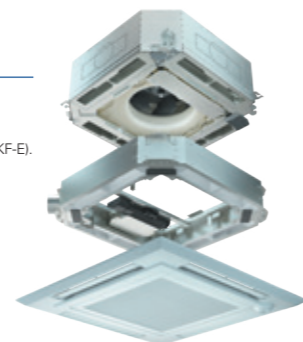


Ensures comfort even when you are located diagonally from an outlet.

## Connectable to Plasma Quad Connect\*

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

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



## SERIES SELECTION

### Power Inverter Series

**Indoor Unit**  
R32 R410A  
PLA-ZM35/50/60/71/100/125/140EA2

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

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

**Outdoor Unit**  
R32

For Single  
PUZ-ZM35/50 PUZ-ZM60/71 PUZ-ZM100/125/140

For Multi (Twin/Triple/Quadruple)  
PUZ-ZM71 PUZ-ZM100/125/140/200/250

**3D Total Flow Unit**  
PLP-U160ELR-E (optional)

**Remote Controller**

Optional: 25.0°C, 25.0°C, 25.0°C, 25.0°C

\* 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 (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		MSDF-111R2-E		

## SERIES SELECTION

### Standard Inverter Series

**Indoor Unit**  
R32 R410A  
PLA-M35/50/60/71/100/125/140EA2

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

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

**Outdoor Unit**  
R32

For Single  
SUZ-M35 SUZ-M50 SUZ-M60/71 PUZ-M100/125/140

For Multi (Twin/Triple/Quadruple)  
PUZ-M100/125/140 PUZ-M200/250

**3D Total Flow Unit**  
PLP-U160ELR-E\* (optional)

\*SUZ combination is not available.

**Remote Controller**

Optional: 25.0°C, 25.0°C, 25.0°C, 25.0°C

\* 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
Standard Inverter (SUZ & PUZ-M)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4
Distribution Pipe	-	-	-	-	-	-	-	-	-	MSDD-50TR2-E				MSDD-50WR2-E		MSDT-111R3-E		MSDF-111R2-E	

**PLA-ZM SERIES**  
POWER INVERTER



Type	Inverter Heat Pump												
Indoor Unit	PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	PLA-M100EA2	PLA-M125EA2	PLA-M150EA2	PLA-M160EA2	PLA-M140EA2	PLA-M140EA2			
Outdoor Unit	PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VKA2	PUZ-ZM71VKA2	PUZ-ZM100VKA2	PUZ-ZM125VKA2	PUZ-ZM150VKA2	PUZ-ZM160VKA2	PUZ-ZM140VKA2	PUZ-ZM140VKA2			
Refrigerant (R32)	R32												
Power Supply	Outdoor power supply VA-VKA:230/Single/50, YKA:400/Three/50												
Cooling	Capacity		Rated	kW									
	Min-Max		Rated	kW									
	Total Input		Rated	kW									
	EER		Rated										
	Design load			kW									
	Annual electricity consumption (2)			kWh/a									
SEER (4)													
Energy efficiency class													
Heating	Capacity		Rated	kW									
	Min-Max		Rated	kW									
	Total Input		Rated	kW									
	COP		Rated										
	Design load			kW									
	Declared Capacity		at reference design temperature	kW									
			at bivalent temperature	kW									
			at operation limit temperature	kW									
	Back up heating capacity			kW									
	Annual electricity consumption (2)			kWh/a									
SEER (4)													
Energy efficiency class													
Operating Current(Max)		A											
Indoor Unit	Input (cooling / Heating)		Rated	kW									
	Operating Current(Max)		A										
	Dimensions		H*W*D	mm									
	Weight		kg										
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min										
	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)										
	Sound Level (PWL)		dB(A)										
	Dimensions		H*W*D	mm									
	Weight		kg										
	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)		A											
Breaker Size		A											
Ext.Piping	Diameter (2)		Liquid/Gas	mm									
	Max.Length		Out-In	m									
	Max.Height		Out-In	m									
Guaranteed Operating Range (Outdoor)		Cooling (3)	°C										
		Heating	°C										

\*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 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 R32 is 675 in the IPCC 4th Assessment Report.  
 \*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.  
 \*3 Optional air protection guide is required where ambient temperature is lower than -5°C.  
 \*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012. \*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

**PLA-M SERIES**  
STANDARD INVERTER



Type	Inverter Heat Pump												
Indoor Unit	PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	PLA-M100EA2	PLA-M125EA2	PLA-M150EA2	PLA-M160EA2	PLA-M140EA2	PLA-M140EA2			
Outdoor Unit	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA	PUZ-M100VKA2	PUZ-M125VKA2	PUZ-M150VKA2	PUZ-M140VKA2	PUZ-M140VKA2	PUZ-M140VKA2			
Refrigerant (R32)	R32												
Power Supply	Outdoor power supply VA-VKA:230/Single/50, YKA:400/Three/50												
Cooling	Capacity		Rated	kW									
	Min-Max		Rated	kW									
	Total Input		Rated	kW									
	EER		Rated										
	Design load			kW									
	Annual electricity consumption (2)			kWh/a									
SEER (4)													
Energy efficiency class													
Heating	Capacity		Rated	kW									
	Min-Max		Rated	kW									
	Total Input		Rated	kW									
	COP		Rated										
	Design load			kW									
	Declared Capacity		at reference design temperature	kW									
			at bivalent temperature	kW									
			at operation limit temperature	kW									
	Back up heating capacity			kW									
	Annual electricity consumption (2)			kWh/a									
SEER (4)													
Energy efficiency class													
Operating Current(Max)		A											
Indoor Unit	Input (cooling / Heating)		Rated	kW									
	Operating Current(Max)		A										
	Dimensions		H*W*D	mm									
	Weight		kg										
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min										
	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)										
	Sound Level (PWL)		dB(A)										
	Dimensions		H*W*D	mm									
	Weight		kg										
	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)		A											
Breaker Size		A											
Ext.Piping	Diameter (2)		Liquid/Gas	mm									
	Max.Length		Out-In	m									
	Max.Height		Out-In	m									
Guaranteed Operating Range (Outdoor)		Cooling (3)	°C										
		Heating	°C										

\*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 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 R32 is 675 in the IPCC 4th Assessment Report.  
 \*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.  
 \*3 Optional air protection guide is required where ambient temperature is lower than -5°C.  
 \*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012. \*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

**PLA-M SERIES**  
POWER INVERTER



Type	Inverter Heat Pump												
Indoor Unit	PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	PLA-M100EA2	PLA-M125EA2	PLA-M150EA2	PLA-M160EA2	PLA-M140EA2	PLA-M140EA2			
Outdoor Unit	PUZ-ZM35VKA2	PUZ-ZM50VKA2	PUZ-ZM60VKA2	PUZ-ZM71VKA2	PUZ-ZM100VKA2	PUZ-ZM125VKA2	PUZ-ZM150VKA2	PUZ-ZM160VKA2	PUZ-ZM140VKA2	PUZ-ZM140VKA2			
Refrigerant (R32)	R32												
Power Supply	Outdoor power supply VA-VKA:230/Single/50, YKA:400/Three/50												
Cooling	Capacity		Rated	kW									
	Min-Max		Rated	kW									
	Total Input		Rated	kW									
	EER		Rated										
	Design load			kW									
	Annual electricity consumption (2)			kWh/a									
SEER (4)													
Energy efficiency class													
Heating (Average Season)	Capacity		Rated	kW									
	Min-Max		Rated	kW									
	Total Input		Rated	kW									
	COP		Rated										
	Design load			kW									
	Declared Capacity		at reference design temperature	kW									
			at bivalent temperature	kW									
			at operation limit temperature	kW									
	Back up heating capacity			kW									
	Annual electricity consumption (2)			kWh/a									
SEER (4)													
Energy efficiency class													
Operating Current(Max)		A											
Indoor Unit	Input (cooling / Heating)		Rated	kW									
	Operating Current(Max)		A										
	Dimensions		H*W*D	mm									
	Weight		kg										
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min										
	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)										
	Sound Level (PWL)		dB(A)										
	Dimensions		H*W*D	mm									
	Weight		kg										
	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)		A											
Breaker Size		A											
Ext.Piping	Diameter (2)		Liquid/Gas	mm									
	Max.Length		Out-In	m									
	Max.Height		Out-In	m									
Guaranteed Operating Range (Outdoor)		Cooling (3)	°C										
		Heating	°C										


\*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 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 R32 is 675 in the IPCC 4th Assessment Report.  
 \*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.  
 \*3 Optional air protection guide is required where ambient temperature is lower than -5°C.  
 \*4 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012. \*5 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

## SERIES SELECTION

### Power Inverter Series

#### Indoor Unit

**R32**  
**R410A**




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

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

#### Outdoor Unit


**R410A**

For Single




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

For Multi (Twin/Triple/Quadruple)

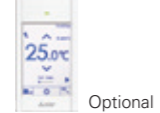


PUHZ-ZRP71    PUHZ-ZRP100/125/140/200/250


#### Remote Controller



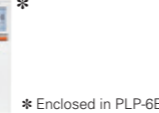
Optional



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	140	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

**R410A**




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

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

#### Outdoor Unit

**R410A**

For Single




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

For Multi (Twin/Triple/Quadruple)



PUHZ-P100/125/140    PUHZ-P200/250

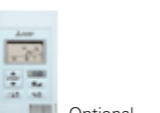
#### Remote Controller



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	140	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

Type	Inverter Heat Pump																		
Indoor Unit	PLA-ZM35EA2	PLA-ZM50EA2	PLA-ZM60EA2	PLA-ZM71EA2	PLA-ZM100EA2	PLA-ZM125EA2	PLA-ZM140EA2	PLA-ZM200EA2	PLA-ZM250EA2	PLA-ZM350EA2	PLA-ZM400EA2	PLA-ZM450EA2							
Outdoor Unit	PUHZ-ZRP35KA2	PUHZ-ZRP50KA2	PUHZ-ZRP60KA2	PUHZ-ZRP71KA2	PUHZ-ZRP100KA2	PUHZ-ZRP125KA2	PUHZ-ZRP140KA2	PUHZ-ZRP200KA2	PUHZ-ZRP250KA2	PUHZ-ZRP350KA2	PUHZ-ZRP400KA2	PUHZ-ZRP450KA2							
Refrigerant <sup>(1)</sup>	R410A																		
Power Supply	Outdoor power supply VKA-VHA-230/Single/50, YKA-400/Three/50																		
Cooling	Capacity	Rated	kW			7.1			9.5			12.5			13.4				
	Min-Max	1.6 - 4.5			2.3 - 5.6			2.7 - 6.5			3.3 - 8.1			4.9 - 11.4			5.5 - 14.0		
	Total Input	Rated	kW			1.660			1.790			2.200			2.846				
	EER	Rated	4.60			3.75			3.66			3.95			4.32				
	Design load	kW	3.6			5.0			6.1			7.1			9.5				
Heating	Capacity	Rated	kW			4.1			6.0			11.2			14.0				
	Min-Max	1.6 - 5.2			2.5 - 7.3			2.8 - 8.2			3.5 - 10.2			4.5 - 14.0			5.0 - 16.0		
	Total Input	Rated	kW			0.850			1.990			2.600			3.674				
	COP	Rated	4.82			3.85			3.70			4.31			4.31				
	Design load	kW	2.5			3.8			4.4			4.7			7.8				

\*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

Type	Inverter Heat Pump																		
Indoor Unit	PLA-M35EA2	PLA-M50EA2	PLA-M60EA2	PLA-M71EA2	PLA-M100EA2	PLA-M125EA2	PLA-M140EA2	PLA-M200EA2	PLA-M250EA2	PLA-M350EA2	PLA-M400EA2	PLA-M450EA2							
Outdoor Unit	SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6	PUHZ-P100VA6	PUHZ-P125VA6	PUHZ-P140VA6	PUHZ-P200VA6	PUHZ-P250VA6	PUHZ-P350VA6	PUHZ-P400VA6	PUHZ-P450VA6							
Refrigerant <sup>(1)</sup>	R410A																		
Power Supply	Outdoor power supply VA-VKA-230/Single/50, YKA-400/Three/50																		
Cooling	Capacity	Rated	kW			7.1			9.4			12.1			13.6				
	Min-Max	1.4 - 3.9			2.3 - 5.6			2.3 - 6.3			2.8 - 8.1			3.7 - 10.6			4.1 - 11.4		
	Total Input	Rated	kW			1.020			1.610			1.760			2.100				
	EER	Rated	3.53			3.42			3.24			3.38			2.95				
	Design load	kW	3.6			5.5			5.7			7.1			9.4				
Heating	Capacity	Rated	kW			4.1			5.8			8.0			11.2				
	Min-Max	1.7 - 5.0			1.7 - 7.2			2.5 - 8.0			2.6 - 10.2			2.8 - 12.5			4.8 - 15.0		
	Total Input	Rated	kW			1.000			1.690			1.970			2.247				
	COP	Rated	4.10			3.43			3.50			3.56			3.43				
	Design load	kW	2.6			4.3			4.6			5.8			8.0				

\*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		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100VKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140VKA3	PUHZ-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

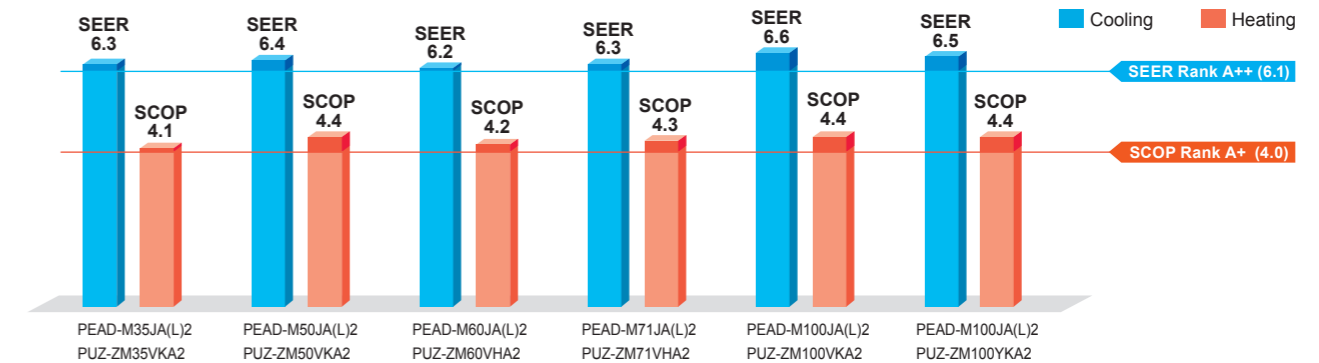
Energy efficiency has been improved. A reduced electricity consumption contributes to a further reduction in operating cost. The thin body with a wide-ranged external static pressure of this series is the perfect answer for the air conditioning needs of buildings with minimum ceiling installation space.



## 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.

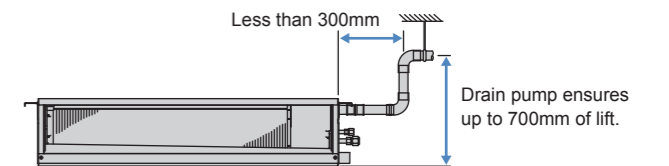
## Selectable Static Pressure Levels

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.