

PEAD SERIES

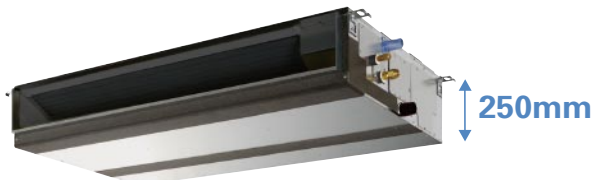
PEAD-RP35/50/60/71/100/125/140JA(L)Q



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

Compact Indoor Units

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



PEAD-RP JA(L)Q

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

External Static Pressure

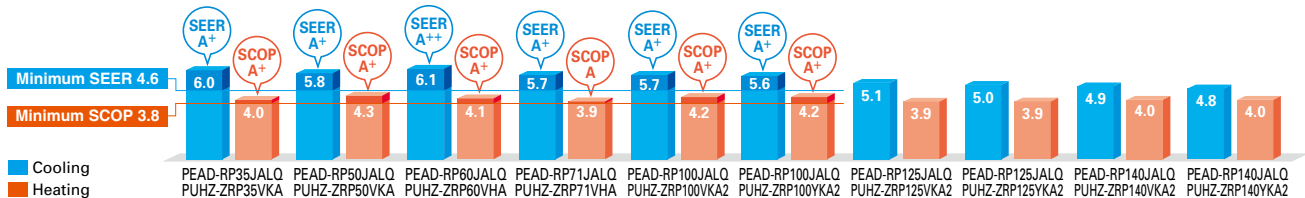
External static pressure conversion can be set up to five stages. Capable of being set to a maximum of 150Pa, units are applicable to a wide range of building types.

■ External static pressure setting

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

ErP Lot 10-compliant, Achieving High Energy Efficiency of SEER/SCOP Rank A+ and A++

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



* For products with capacity over 10.0kW, SEER/SCOP values are measured based on EN14825. These values are for reference purposes only.

Drain Pump Option Available with All Models

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



PEAD-RP JAQ → Drain pump built-in



PEAD-RP JALQ → No drain pump

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

SERIES SELECTION

Power Inverter Series



Indoor Unit



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

Outdoor Unit

For Single



PUHZ-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

Standard Inverter Series



Indoor Unit



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

Outdoor Unit

For Single



SUZ-KA35



SUZ-KA50/60/71



PUHZ-P100



PUHZ-P125/140

For Multi (Twin/Triple/Quadruple)



PUHZ-P100



PUHZ-P125/140



PUHZ-P200/250

Remote Controller



Optional



Optional



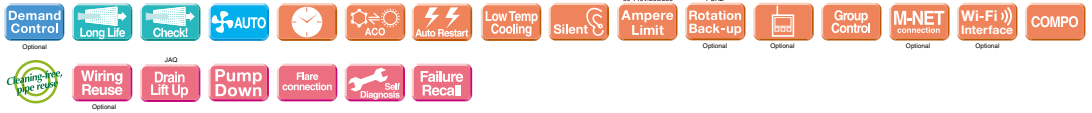
Optional

PEAD-RP JA Indoor Unit Combinations Indoor unit combinations shown below are possible.

Indoor Unit Combination	Outdoor Unit Capacity																					
	For Single										For Twin					For Triple			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		
Standard Inverter (PUHZ-P&SUZ)	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	

PEDZ-RP JA SERIES

POWER INVERTER



Type		Inverter Heat Pump											
Indoor Unit		PEAD-RP35JA(L)Q	PEAD-RP50JA(L)Q	PEAD-RP60JA(L)Q	PEAD-RP71JA(L)Q	PEAD-RP100JA(L)Q	PEAD-RP125JA(L)Q	PEAD-RP140JA(L)Q	PEAD-RP125JA(L)Q	PEAD-RP140JA(L)Q	PEAD-RP140JA(L)Q	PEAD-RP140JA(L)Q	
Outdoor Unit		PUHZ-ZRP35VKA	PUHZ-ZRP50VKA	PUHZ-ZRP60VHA	PUHZ-ZRP71VHA	PUHZ-ZRP100VKA2	PUHZ-ZRP100YKA2	PUHZ-ZRP125VKA2	PUHZ-ZRP125YKA2	PUHZ-ZRP140VKA2	PUHZ-ZRP140YKA2	PUHZ-ZRP140YKA2	
Refrigerant		R410A*1											
Power Source		Outdoor power supply											
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 - 6.7	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	6.2 - 15.3
	Rated	kW	0.89(0.87)	1.44(1.42)	1.65(1.63)	2.01(1.99)	2.43(2.41)	2.43(2.41)	3.86(3.83)	3.86(3.83)	4.32(4.29)	4.32(4.29)	4.32(4.29)
	Rated	kW	0.89(0.87)	1.44(1.42)	1.65(1.63)	2.01(1.99)	2.43(2.41)	2.43(2.41)	3.86(3.83)	3.86(3.83)	4.32(4.29)	4.32(4.29)	4.32(4.29)
	Rated	kW	0.89(0.87)	1.44(1.42)	1.65(1.63)	2.01(1.99)	2.43(2.41)	2.43(2.41)	3.86(3.83)	3.86(3.83)	4.32(4.29)	4.32(4.29)	4.32(4.29)
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 - 5.2	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	5.7 - 18.0
	Rated	kW	0.95	1.50	1.79	2.03	2.60	2.60	3.51	3.51	4.07	4.07	4.07
	Rated	kW	0.95	1.50	1.79	2.03	2.60	2.60	3.51	3.51	4.07	4.07	4.07
	Rated	kW	0.95	1.50	1.79	2.03	2.60	2.60	3.51	3.51	4.07	4.07	4.07

*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 1kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1kg 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.

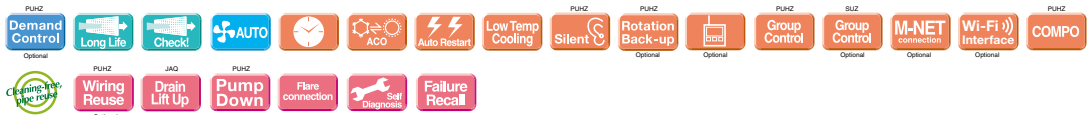
*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 Optional air protection guide is required where ambient temperature is lower than -5°C. *4 SEER/SCOP values are measured based on EN14825. These values are reference purpose only.

*5 EER/COP and SEER/SCOP for RP35-71 are measured at ESP 35Pa, for RP100 at ESP 37Pa, for RP125/140 at ESP 50Pa.

PEDZ-P JA SERIES

STANDARD INVERTER



Type		Inverter Heat Pump											
Indoor Unit		PEAD-RP35JA(L)Q	PEAD-RP50JA(L)Q	PEAD-RP60JA(L)Q	PEAD-RP71JA(L)Q	PEAD-RP100JA(L)Q	PEAD-RP125JA(L)Q	PEAD-RP140JA(L)Q	PEAD-RP125JA(L)Q	PEAD-RP140JA(L)Q	PEAD-RP140JA(L)Q	PEAD-RP140JA(L)Q	
Outdoor Unit		SUZ-KA35VA4	SUZ-KA50VA4	SUZ-KA60VA4	SUZ-KA71VA4	PUHZ-P100VHA4	PUHZ-P100YHA2	PUHZ-P125VHA3	PUHZ-P125YHA	PUHZ-P140VHA3	PUHZ-P140YHA	PUHZ-P140YHA	
Refrigerant		R410A*1											
Power Source		Outdoor power supply											
Supply Outdoor (V/Phase/Hz)		VA4 · VHA3 · VHA4:230 / Single / 50, YHA · YHA2:400 / Three / 50											
Cooling	Capacity	Rated	kW	3.6	4.9	5.7	7.1	9.4	9.4	12.3	12.3	13.6	13.6
	Min - Max	kW	1.4 - 3.9	2.3 - 5.6	2.3 - 6.3	2.8 - 8.1	4.9 - 11.2	4.9 - 11.2	5.5 - 14.0	5.5 - 14.0	5.5 - 15.0	5.5 - 15.0	5.5 - 15.0
	Rated	kW	1.050(1.030)	1.480(1.460)	1.670(1.650)	2.080(2.060)	3.120(3.102)	3.120(3.102)	4.220(4.200)	4.220(4.200)	4.520(4.500)	4.520(4.500)	4.520(4.500)
	Rated	kW	1.050(1.030)	1.480(1.460)	1.670(1.650)	2.080(2.060)	3.120(3.102)	3.120(3.102)	4.220(4.200)	4.220(4.200)	4.520(4.500)	4.520(4.500)	4.520(4.500)
	Rated	kW	1.050(1.030)	1.480(1.460)	1.670(1.650)	2.080(2.060)	3.120(3.102)	3.120(3.102)	4.220(4.200)	4.220(4.200)	4.520(4.500)	4.520(4.500)	4.520(4.500)
Heating (Average Season)	Capacity	Rated	kW	4.1	5.9	7.0	8.0	11.2	11.2	14.0	14.0	16.0	16.0
	Min - Max	kW	1.7 - 5.0	1.7 - 7.2	2.5 - 8.0	2.6 - 10.2	4.5 - 12.5	4.5 - 12.5	5.0 - 16.0	5.0 - 16.0	5.0 - 18.0	5.0 - 18.0	5.0 - 18.0
	Rated	kW	1.110	1.620	1.930	2.040	3.103	3.103	3.870	3.870	4.430	4.430	4.430
	Rated	kW	1.110	1.620	1.930	2.040	3.103	3.103	3.870	3.870	4.430	4.430	4.430
	Rated	kW	1.110	1.620	1.930	2.040	3.103	3.103	3.870	3.870	4.430	4.430	4.430

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*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 RP35-71 are measured at ESP 35Pa, for RP100 at ESP 37Pa, for RP125/140 at ESP 50Pa.