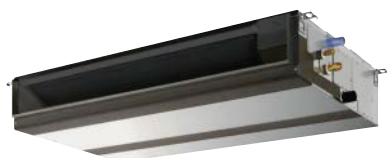


## SERIES SELECTION

### Power Inverter Series

#### Indoor Unit



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

#### Outdoor Unit

For Single



PUAZ-ZRP35/50



PUAZ-ZRP60/71



PUAZ-ZRP100/125/140

For Multi  
(Twin/Triple/Quadruple)



PUAZ-ZRP71



PUAZ-ZRP100/125/140



PUAZ-RP200/250

#### 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



PUAZ-P100



PUAZ-P125/140

For Multi (Twin/Triple/Quadruple)



PUAZ-P100



PUAZ-P125/140/200/250

#### Remote Controller



Optional



Optional



Optional

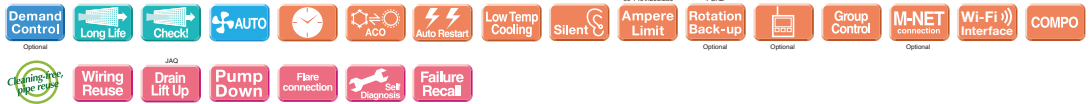


**PEAD-RP JA Indoor Unit Combinations** Indoor unit combinations shown below are possible.

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 (PUAZ-ZRP/RP)	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 (PUAZ-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

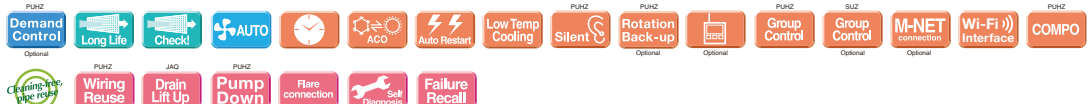


Type		Inverter Heat Pump											
Indoor Unit		PEAD-RP35JA(L)Q	PEAD-RP50JA(L)Q	PEAD-RP60JA(L)Q	PEAD-RP71JA(L)Q	PEAD-RP100JA(L)Q	PEAD-RP125JA(L)Q	PEAD-RP140JA(L)Q	PEAD-RP125JA(L)Q	PEAD-RP140JA(L)Q	PEAD-RP140JA(L)Q		
Outdoor Unit		PUHZ-ZRP35VKA	PUHZ-ZRP50VKA	PUHZ-ZRP60VHA	PUHZ-ZRP71VHA	PUHZ-ZRP100VKA	PUHZ-ZRP100YKA	PUHZ-ZRP125VKA	PUHZ-ZRP125YKA	PUHZ-ZRP140VKA	PUHZ-ZRP140YKA		
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	10.0	10.0	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	0.89(0.87)	1.44(1.42)	1.65(1.63)	2.01(1.99)	2.63(2.61)	2.63(2.61)	4.05(4.02)	4.05(4.02)	4.36(4.34)	4.36(4.34)
	EER*5									3.09(3.11)	3.09(3.11)	3.07(3.09)	3.07(3.09)
	EEL Rank												
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	
	Total Input	Rated	kW	0.95	1.50	1.79	2.03	2.60	2.60	3.63	3.63	4.20	4.20
	COP*5									3.86	3.86	3.81	3.81
	EEL Rank												
Operating Current (max)	Input (Cooling / Heating)	Rated	kW	0.09(0.07)/0.07	0.11(0.09)/0.09	0.12(0.10)/0.10	0.17(0.15)/0.15	0.25(0.23)/0.23	0.25(0.23)/0.23	0.36(0.34)/0.34	0.36(0.34)/0.34	0.39(0.37)/0.37	0.39(0.37)/0.37
	Operating Current (max)		A	1.07	1.39	1.62	1.97	2.65	2.65	2.76	2.76	2.78	2.78
	Dimensions <Panel>	H x W x D	mm	250-900-732	250-900-732	250-1100-732	250-1100-732	250-1400-732	250-1400-732	250-1600-732	250-1600-732	250-1600-732	250-1600-732
	Weight <Panel>		kg	26(25)	28(27)	33(32)	33(32)	41(40)	41(40)	43(42)	43(42)	47(46)	47(46)
	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	17.5-21.0-25.0	24.0-29.0-34.0	24.0-29.0-34.0	29.5-35.5-42.0	29.5-35.5-42.0	32.0-39.0-46.0	32.0-39.0-46.0
	External Static Pressure		Pa	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150
	Sound Level (SPL) (Lo-Mid-Hi)		dB(A)	23 - 27 - 30	26 - 31 - 35	25 - 29 - 33	26 - 30 - 34	29 - 34 - 38	29 - 34 - 38	33 - 36 - 40	33 - 36 - 40	34 - 38 - 43	34 - 38 - 43
	Sound Level (PWL)		dB(A)	52	57	55	57	61	61	63	63	66	66
	Dimensions	H x W x D	mm	630 - 809 - 300	630 - 809 - 300	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	943 - 950 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)	1338 - 1050 - 330(+30)
	Weight		kg	43	46	67	67	116	124	116	126	119	132
Air Volume	Cooling	m³/min	45.0	45.0	55.0	55.0	110.0	110.0	120.0	120.0	120.0	120.0	
	Heating	m³/min	45.0	45.0	55.0	55.0	110.0	110.0	120.0	120.0	120.0	120.0	
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	
	Heating	dB(A)	65	65	67	67	69	69	70	70	70	70	
Operating Current (max)	Cooling	A	13.0	13.0	19.0	19.0	26.5	8.0	26.5	9.5	28.0	11.0	
	Heating	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	
	Max. Length	Out-In	m	50	50	50	50	75	75	75	75	75	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	
	Heating	°C	-11 ~ +21	-11 ~ +21	-10 ~ +21	-10 ~ +21	-10 ~ +21	-10 ~ +21	-10 ~ +21	-10 ~ +21	-10 ~ +21	-10 ~ +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 1kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1kg 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.  
 \*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		
Outdoor Unit		SUZ-KA35VA4	SUZ-KA50VA4	SUZ-KA60VA4	SUZ-KA71VA4	PUHZ-P100VHA4	PUHZ-P100YHA2	PUHZ-P125VHA3	PUHZ-P125YHA	PUHZ-P140VHA3	PUHZ-P140YHA		
Refrigerant		R410A*1											
Power Source		Outdoor power supply											
Supply Outdoor (V/Phase/Hz)		VA4 · VHA4 · VHA3:230 / Single / 50, YHA2 · YHA: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	
	Total Input	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)
	EER*4									2.91(2.93)	2.91(2.93)	3.01(3.02)	3.01(3.02)
	EEL Rank									C	C	B	B
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	
	Total Input	Rated	kW	1.110	1.620	1.930	2.040	3.103	3.103	3.870	3.870	4.430	4.430
	COP*4									3.62	3.62	3.61	3.61
	EEL Rank									A	A	A	A
Operating Current (max)	Input (Cooling / Heating)	Rated	kW	0.09(0.07)/0.07	0.11(0.09)/0.09	0.12(0.10)/0.10	0.17(0.15)/0.15	0.25(0.23)/0.23	0.25(0.23)/0.23	0.36(0.34)/0.34	0.36(0.34)/0.34	0.39(0.37)/0.37	0.39(0.37)/0.37
	Operating Current (max)		A	1.07	1.39	1.62	1.97	2.65	2.65	2.76	2.76	2.78	2.78
	Dimensions <Panel>	H x W x D	mm	250-900-732	250-900-732	250-1100-732	250-1100-732	250-1400-732	250-1400-732	250-1600-732	250-1600-732	250-1600-732	250-1600-732
	Weight <Panel>		kg	26(25)	28(27)	33(32)	33(32)	41(40)	41(40)	43(42)	43(42)	47(46)	47(46)
	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	17.5-21.0-25.0	24.0-29.0-34.0	24.0-29.0-34.0	29.5-35.5-42.0	29.5-35.5-42.0	32.0-39.0-46.0	32.0-39.0-46.0
	External Static Pressure		Pa	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150	35 / 50 / 70 / 100 / 150
	Sound Level (SPL) (Lo-Mid-Hi)		dB(A)	23 - 27 - 30	26 - 31 - 35	25 - 29 - 33	26 - 30 - 34	29 - 34 - 38	29 - 34 - 38	33 - 36 - 40	33 - 36 - 40	34 - 38 - 43	34 - 38 - 43
	Sound Level (PWL)		dB(A)	52	57	55	57	61	61	63	63	66	66
	Dimensions	H x W x D	mm	550-800-285	550-800-285	880-840-330	880-840-330	943-950-330(+30)	943-950-330(+30)	943-950-330(+30)	1350-950-330(+30)	1350-950-330(+30)	1350-950-330(+30)
	Weight		kg	35	54	50	53	75	77	99	101	99	101
Air Volume	Cooling	m³/min	36.3	44.6	40.9	50.1	60.0	60.0	100.0	100.0	100.0	100.0	
	Heating	m³/min	34.8	44.6	49.2	48.2	60.0	60.0	100.0	100.0	100.0	100.0	
Sound Level (SPL)	Cooling	dB(A)	49	52	55	55	50	50	51	51	52	52	
	Heating	dB(A)	50	52	55	55	54	54	55	55	56	56	
Sound Level (PWL)	Cooling	dB(A)	62	65	69	70	70	71	71	71	73	73	
	Heating	dB(A)	62	65	69	70	70	71	71	71	73	73	
Operating Current (max)	Cooling	A	8.2	12.0	14.0	16.1	28.0	13.0	28.0	13.0	29.5	13.0	
	Heating	A	16	20	20	20	32	16	32	16	40	16	
Ext. Piping	Diameter	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	
	Max. Length	Out-In	m	20	30	30	30	50	50	50	50	50	
Guaranteed Operating Range [Outdoor]	Cooling*3	°C	-10 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	-15 ~ +46	
	Heating	°C	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	

\*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 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.  
 \*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.