


SERIES SELECTION

Power Inverter Series

Indoor Unit

R32
R410A




PCA-M71HA2

Outdoor Unit

R32


For Single



PUZ-ZM71




R32

For Multi (Twin/Triple)




PUZ-ZM140/250

Remote Controller

Optional Optional Optional



Optional

PCA-M HA 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)	-	-	-	71x1	-	-	-	-	-	-	-	-	71x2	-	-	-	-	71x3	-	-
Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SERIES SELECTION

Power Inverter Series

Indoor Unit

R32
R410A



PCA-M71HA2

Outdoor Unit

R410A

For Single



PUHZ-ZRP71

R410A

For Multi (Twin/Triple)



PUHZ-ZRP140/250

Remote Controller





Optional Optional Optional



Optional

PCA-M HA 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)	-	-	-	71x1	-	-	-	-	-	-	-	-	71x2	-	-	-	-	71x3	-	-
Distribution Pipe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PCA-RP HA SERIES POWER INVERTER

Demand Control
Fresh Air Intake
Oil Mist Filter
Check!
ACO
Auto Restart
Low Temp Cooling
Silent
Ampere Limit
Rotation Back-up
Group Control
M-NET connection
COMPO
Climate Partner

Wiring Reuse
Pump Down
Flare connection
Self Diagnosis
Failure Recall

Type		Inverter Heat Pump			
Indoor Unit		PCA-M71HA2			
Outdoor Unit		PUZ-ZM71VHA2			
Refrigerant ⁽¹⁾		R32			
Power Supply		Outdoor power supply			
Cooling		230/Single/50			
Capacity	Rated	kW	7.1		
	Min-Max	kW	3.3 - 8.1		
	Total Input	kW	2.028		
	EER		3.50		
	Design load	kW	7.1		
Annual electricity consumption ⁽²⁾	SEER ⁽⁴⁾	kWh/a	443		
	SEER ⁽⁴⁾		5.6		
Energy efficiency class		A+			
Heating	Rated	kW	7.6		
	Min-Max	kW	3.5 - 10.2		
	Total Input	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 consumption ⁽²⁾	kWh/a	1684		
Energy efficiency class		A			
Operating Current(Max)		19.4			
Indoor Unit	Input (cooling / Heating)	Rated	kW	0.10 / 0.10	
	Operating Current(Max)		A	0.43	
	Dimensions	H*W*D	mm	280-1136-650	
	Weight		kg	42	
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	16-18	
	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)	37-39	
	Sound Level (PWL)		dB(A)	57	
	Outdoor Unit	Dimensions	H*W*D	mm	943-950-330(+25)
		Weight		kg	67
		Air Volume	Cooling	m³/min	55
		Heating	m³/min	55	
Sound Level (SPL)		Cooling	dB(A)	47	
	Heating	dB(A)	49		
Sound Level (PWL)	Cooling	dB(A)	67		
	Heating	dB(A)	67		
Operating Current(Max)		A	19		
	Breaker Size		A	25	
Ext.Piping Diameter ⁽³⁾	Liquid/Gas	mm	9.52 / 15.88		
	Max.Length	Out-In	m	55	
	Max.Height	Out-In	m	30	
Guaranteed Operating Range (Outdoor)	Cooling ⁽³⁾	°C	-15 ~ +46		
	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 and indoor units.

PCA-RP HA SERIES POWER INVERTER

Demand Control
Fresh Air Intake
Oil Mist Filter
Check!
ACO
Auto Restart
Low Temp Cooling
Silent
Ampere Limit
Rotation Back-up
Group Control
M-NET connection
COMPO
Climate Partner

Wiring Reuse
Pump Down
Flare connection
Self Diagnosis
Failure Recall

Type		Inverter Heat Pump			
Indoor Unit		PCA-M71HA2			
Outdoor Unit		PUHZ-ZRP71VHA2			
Refrigerant ⁽¹⁾		R410A			
Power Supply		Outdoor power supply			
Cooling		230/Single/50			
Capacity	Rated	kW	7.1		
	Min-Max	kW	3.3 - 8.1		
	Total Input	kW	2.170		
	EER		3.27		
	Design load	kW	7.1		
Annual electricity consumption ⁽²⁾	SEER ⁽⁴⁾	kWh/a	444		
	SEER ⁽⁴⁾		5.6		
Energy efficiency class		A+			
Heating	Rated	kW	7.6		
	Min-Max	kW	3.5 - 10.2		
	Total Input	kW	2.350		
	COP		3.23		
	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	3.5 (-20°C)		
Back up heating capacity	kW		0.0		
	Annual electricity consumption ⁽²⁾	kWh/a	1724		
Energy efficiency class		A			
Operating Current(Max)		19.4			
Indoor Unit	Input (cooling / Heating)	Rated	kW	0.10 / 0.10	
	Operating Current(Max)		A	0.43	
	Dimensions	H*W*D	mm	280-1136-650	
	Weight		kg	42	
	Air Volume (Lo-Mi2-Mi1-Hi)		m³/min	16-18	
	Sound Level (Lo-Mi2-Mi1-Hi) (SPL)		dB(A)	37-39	
	Sound Level (PWL)		dB(A)	57	
	Outdoor Unit	Dimensions	H*W*D	mm	943-950-330(+30)
		Weight		kg	70
		Air Volume	Cooling	m³/min	55
		Heating	m³/min	55	
Sound Level (SPL)		Cooling	dB(A)	47	
	Heating	dB(A)	48		
Sound Level (PWL)	Cooling	dB(A)	67		
	Heating	dB(A)	67		
Operating Current(Max)		A	19		
	Breaker Size		A	25	
Ext.Piping Diameter ⁽³⁾	Liquid/Gas	mm	9.52 / 15.88		
	Max.Length	Out-In	m	50	
	Max.Height	Out-In	m	30	
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