

OUTDOOR UNIT

S-Series PUMY-P YKM



Advantages of CITY MULTI

Outdoor unit

Indoor unit

Remote Controller

Optional parts

Lossnay

Precautions for use

Specifications

Model		PUMY-P175YKM	PUMY-P200YKM	PUMY-P225YKM	
Power source		3-phase 380-415V 50Hz			
Cooling capacity (Nominal)	*1 kW	20.0	22.4	25.0	
	*1 BTU/h	68,200	76,400	85,300	
	Power input kW	5.48	6.91	9.62	
	Current input A	8.95-8.51-8.20	11.29-10.72-10.34	15.72-14.93-14.39	
EER		3.65	3.24	2.60	
Temp. range of cooling	Indoor temp. W.B.	15.0~24.0°C (59~75°F)			
	Outdoor temp. D.B.	-5.0~46.0°C (23~115°F)			
Heating capacity (Nominal)	*2 kW	22.4	25.0	27.3	
	*2 BTU/h	76,400	85,300	93,200	
	Power input kW	5.73	6.96	7.65	
	Current input A	9.36-8.89-8.57	11.37-10.80-10.41	12.50-11.87-11.44	
COP		3.91	3.59	3.57	
Temp. range of heating	Indoor temp. D.B.	15.0~27.0°C (59~81°F)			
	Outdoor temp. W.B.	-20.0~15.0°C (-4~59°F)			
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity			
	Model/Quantity	P15-P224/12	P15-P250/12	P15-P250/12	
Sound pressure level (measured in anechoic room)	*3 dB <A>	56/61	56/61	58/63	
Refrigerant piping diameter	Liquid pipe mm (in.)	9.52 (3/8) Flare *4			
	Gas pipe mm (in.)	22.2 (7/8) Brazed			
Fan	Type x Quantity	Propeller Fan x 2			
	Air flow rate	m ³ /min	134	134	143.8
		L/s	2,233	2,233	2,397
		cfm	4,732	4,732	5,078
Motor output kW	0.2 + 0.2				
Compressor	Type x Quantity	Scroll hermetic compressor x 1			
	Starting method	Inverter			
	Motor output kW	4.7	5.4	6.0	
External finish		Galvanized Steel Sheet Munsell No. 3Y 7.8/1.1			
External dimension H x W x D	mm	1,338 x 1,050 x 330 (+25)			
	in.	52-11/16 x 41-11/32 x 13 (+1)			
Protection devices	High pressure protection	High pressure Switch			
	Inverter circuit (COMP./FAN)	Overcurrent detection, Overheat detection (Heatsink thermistor)			
	Compressor	Compressor thermistor, Over current detection			
	Fan motor	Overheating, Voltage protection			
Refrigerant	Type x original charge	R410A 7.3kg			
Net weight	kg (lbs)	138 (304)			
Heat exchanger		Cross Fin and Copper tube			
Defrosting method		Reversed refrigerant circuit			
Optional parts		Joint: CMY-Y62-G-E Header: CMY-Y64/68-G-E			

Notes:

*1,*2 Nominal conditions

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27°C DB/19°C WB (81°F DB/66°F WB)	35°C DB (95°F DB)	7.5m (24-9/16ft.)	0m (0ft.)
Heating	20°C DB (68°F DB)	7°C DB/6°C WB (45°F DB/43°F WB)	7.5m (24-9/16ft.)	0m (0ft.)

*3 Cooling mode/Heating mode

*4 Liquid pipe diameter: 12.7mm in case of farther piping length is longer than 60m.

*Nominal conditions *1,*2 are subject to ISO 15042.

*This unit cannot be connected with the PFFY-YM-E or PFFY-YMH-E.

*Due to continuing improvement, above specification may be subject to change without notice.