

1. SPECIFICATIONS

S-Series

PUMY-P-YKMD2-A(-BS)

Model					PUMY-P200YKMD2-A(-BS)					
Power source					3-phase 380-400-415 V, 50 Hz / 380 V, 60 Hz					
Cooling capacity (Nominal)		*1	kW	22.4						
			kcal/h	19,300						
			Btu/h	76,400						
		Power input		kW	6.22					
		Current input		A	10.16/9.65/9.30, 10.16					
			EER	3.60						
Temp. range of cooling		Indoor		W.B.		15 to 24°C [59 to 75°F]				
		Outdoor		D.B.		-5 to 52°C [23 to 115°F]*5				
Heating capacity (Nominal)		*2	kW	25.0						
			kcal/h	21,500						
			Btu/h	85,300						
		Power input		kW	6.00					
		Current input		A	9.80/9.31/8.98, 9.80					
			COP	4.17						
Temp. range of heating		Indoor		D.B.		15 to 27°C [59 to 81°F]				
		Outdoor		W.B.		-20 to 15°C [-4 to 59°F]				
Indoor unit connectable		Total capacity			50 to 130% of outdoor unit capacity					
		Model/ Quantity	CITY MULTI				P10-P200/12			
			Branch box				kW type: P15-P100 /8			
			Mixed system	Branch box	CITY MULTI	P10-P200/5				
				1 unit	Branch box	kW type: P15-P100 /5				
				Branch box	CITY MULTI	P10-P200/3				
	2 unit	Branch box	kW type: P15-P100 /8							
Sound pressure level (measured in anechoic room)			dB <A>		57/61					
Sound power level (measured in anechoic room)			dB <A>		-					
Refrigerant piping diameter		Liquid pipe		mm (in.)		ø9.52 [ø3/8]*3				
		Gas pipe		mm (in.)		ø19.05 [ø3/4]				
FAN		Type x Quantity			Propeller Fan × 2					
		Airflow rate		m3/min		134				
				L/s		2,233				
				cfm		4,732				
		Control, Driving mechanism			DC control					
		Motor output		kW		0.20 + 0.20				
External static press.					0 Pa					
Compressor		Type x Quantity			Scroll hermetic compressor × 1					
		Manufacture			Siam Compressor Industry Co., Ltd.					
		Starting method			Inverter					
		Motor output		kW		4.07				
		Case heater		kW		0				
		Lubricant			FVC68D(2.3 liter)					
External finish				Galvanized Steel Sheet						
				<MUNSELL 3Y 7.8/1.1>						
External dimension H x W x D			mm		1,338 × 1,050 × 330(+25)					
			in.		52-11/16 × 41-11/32 × 13(+1)					
Protection devices		High pressure protection			High pressure switch					
		Inverter circuit (COMP./FAN)			Overcurrent detection, Overheat detection(Heat sink thermistor)					
		Compressor			Compressor thermistor, Over current detection, Compressor protector					
		Fan motor			Overheating, Voltage protection					
Refrigerant		Type x original charge			R410A × 7.3 kg [16 lb]					
		Control			Linear Expansion Valve					
Net weight			kg (lbs)		138(305)*4					
Heat exchanger					Cross Fin and Copper tube					
HIC circuit (HIC: Heat Inter-Changer)					HIC circuit					
Defrosting method					Reversed refrigerant circuit					
Standard attachment		Document			Installation Manual					
		Accessory			Grounded lead wire × 1					
Optional parts					Joint: CMY-Y62-G-E					
					Header: CMY-Y64/68-G-E					
Remarks					Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.					
Notes:					*1. Nominal cooling conditions (subject to ISO 15042) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B. (95°F D.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) *2. Nominal heating conditions (subject to ISO 15042) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) *3. Liquid pipe diameter: ø12.7 mm, when further piping length is longer than 60 m, or the farthest length of main pipe between outdoor unit and branch box is longer than 20 m in branch box system. *4. 139 (306), for PUMY-P200YKMD2(-BS). *5. 10 to 52°C [50 to 115°F]: when connecting PKFY-P15/20/25VBM, PKFY-P10/15/P20/25/32VLM-E, PFFY-P20/25/32VKM, PFFY-P20/25/32VLEM, PFFY-P20/25/32VLRM(M), PEFY-P40/63VMA4-E type indoor unit; and M series, S series, and P series type indoor unit.					