

1. SPECIFICATIONS

S-Series

PUMY-SP-VKMD2-A, PUMY-SP-YKMD2-A, PUMY-P-YKMD7-A, PUMY-P-YKMD2-A, PUMY-P-YKMD7-A, PUMY-P-YBMD-A

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				
		*1	kcal/h	19,300				
		*1	Btu/h	76,400				
	Power input		kW	6.22				
			A	10.16/9.65/9.30, 10.16				
		EER	kW/kW					
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				
		*2	kcal/h	21,500				
		*2	Btu/h	85,300				
	Power input		kW	6.00				
			A	9.80/9.31/8.98, 9.80				
		COP	kW/kW					
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	Document			Installation Manual				
attachment	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-P20/25/32VEM-E, 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.					