

1. SPECIFICATIONS

S-Series

PUMY-SP-VKMD3-A, PUMY-SP-YKMD3-A, PUMY-P-YKM3-A, PUMY-P-YBM2-A

Model					PUMY-P200YKM3-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		5.43				
			Current input		A		9.49-9.01-8.69, 9.49				
			EER		kW/kW		4.12				
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		5.82				
			Current input		A		10.17-9.66-9.31, 10.17				
			COP		kW/kW		4.29				
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]*6				
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		3.60				
			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)		139(306)*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. 140(309), for PUMY-200YKM3(-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-P20/25/32VCM, PFFY-P20/25/32VEM, 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. 10 to 42°C D.B.: When connecting PLFY-EMS20/25/32/40/50VHM-A. *6. -10 to 15°C W.B.: When connecting PLFY-EMS20/25/32/40/50VHM-A.						