

1. SPECIFICATIONS

Outdoor units

Model			PUHY-P600YSNW-A (-BS)			
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz			
Cooling capacity (Nominal)	*1	kW	69.0			
		kcal/h	59,300			
		BTU/h	235,400			
		Power input	kW	16.26		
		Current input	A	27.4-26.0-25.1		
		EER	kW/kW	4.24		
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)			
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)			
Heating capacity (Max)	*2	kW	76.5			
		kcal/h	65,800			
		BTU/h	261,000			
		Power input	kW	16.52		
		Current input	A	27.8-26.4-25.5		
		COP	kW/kW	4.63		
	(Nominal)	*3	kW	69.0		
			kcal/h	59,300		
			BTU/h	235,400		
			Power input	kW	14.21	
			Current input	A	23.9-22.7-21.9	
			COP	kW/kW	4.85	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)			
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)			
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity			
	Model/Quantity		P15~P250/2~50			
Sound pressure level (measured in anechoic room) *4		dB <A>	64.0/67.5			
Sound power level (measured in anechoic room) *4		dB <A>	83.0/86.5			
Refrigerant piping diameter	Liquid pipe		15.88 (5/8) Brazed			
	Gas pipe		28.58 (1-1/8) Brazed			

Set Model			PUHY-P300YNW-A (-BS)		PUHY-P300YNW-A (-BS)	
Model						
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 1	
	Air flow rate	m ³ /min	240		240	
		L/s	4,000		4,000	
		cfm	8,474		8,474	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1		0.92 x 1	
	*5	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	
	Starting method		Inverter		Inverter	
	Motor output	kW	7.9		7.9	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740 73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		1,858 (1,798 without legs) x 920 x 740 73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
		in.				
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 6.5 kg (15 lbs)		R410A x 6.5 kg (15 lbs)	
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	228 (503)		228 (503)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure	
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed		12.7 (1/2) Brazed	
	Gas pipe	mm (in.)	22.2 (7/8) Brazed		22.2 (7/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)			
Drawing	External		KS94T770			
	Wiring		KE94G339		KE94G339	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			
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:		Unit converter	
1. Nominal cooling conditions (subject to JIS B8615-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h = kW x 3,412	
2. Nominal heating conditions (subject to JIS B8615-2) 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.)		cfm = m ³ /min x 35.31	
3. Nominal heating conditions (subject to JIS B8615-2) 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.) Eurovent registered		lbs = kg/0.4536	
4. Cooling mode/Heating mode			
5. External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.	