

1. SPECIFICATIONS

Outdoor units

Model			PURY-P300YNW-A (-BS)			
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz			
Cooling capacity (Nominal)	*1	kW	33.5			
		kcal/h	30,000			
		BTU/h	114,300			
	Power input	kW	7.54			
	Current input	A	12.7-12.0-11.6			
EER	kW/kW	4.44				
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	37.5			
		kcal/h	32,300			
		BTU/h	128,000			
	Power input	kW	8.38			
	Current input	A	14.1-13.4-12.9			
	COP	kW/kW	4.47			
	(Nominal)	*3	kW	33.5		
			kcal/h	30,000		
			BTU/h	114,300		
		Power input	kW	6.80		
Current input	A	11.4-10.9-10.5				
COP	kW/kW	4.92				
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	50~150%				
	Model/Quantity	P15-P250/1~30				
Sound pressure level (measured in anechoic room) *4	dB <A>	61.0/67.0				
Sound power level (measured in anechoic room) *4	dB <A>	80.0/86.5				
Refrigerant piping diameter	High pressure	mm (in.)	19.05 (3/4) Brazed			
	Low pressure	mm (in.)	22.2 (7/8) Brazed			
FAN	Type x Quantity		Propeller fan x 1			
	Air flow rate	m ³ /min	240			
		L/s	4,000			
		cfm	8,474			
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			
	Motor output	kW	0.92 x 1			
*5 External static press.	0 Pa (0 mmH ₂ O)					
Compressor	Type	Inverter scroll hermetic compressor				
	Manufacture	AC&R Works, MITSUBISHI ELECTRIC CORPORATION				
	Starting method	Inverter				
	Motor output	kW	7.9			
	Case heater	kW	-			
Lubricant	MEL32					
External finish			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			
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16			
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			
	Compressor		-			
	Fan motor		-			
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)			
	Control		Indoor LEV and BC controller			
Net weight		kg (lbs)	231 (510)			
Heat exchanger			Salt-resistant cross fin & copper tube			
HIC circuit (HIC: Heat Inter-Changer)			-			
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		WKS94T748			
	Wiring		WKE94G339			
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1 BC controller: CMB-P104, 106, 108, 1012, 1016V-J Main BC controller: CMB-P108, 1012, 1016V-JA, CMB-P1016V-KA Sub BC controller: CMB-P104, 108V-KB			
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.