

1. SPECIFICATIONS

DATA U4

Model			PURY-P72THMU-A(-BS)	PURY-P96THMU-A(-BS)
Power source			3-phase 3-wire 208-230V ±10% 60Hz	
Cooling capacity (Nominal) (208-230)	*1	BTU / h	72,000	96,000
		kW	21.1	28.1
	Power input	kW	5.55	8.35
		Current input	A	17.1-15.4
Temp. range of cooling	Indoor	W.B.	59 to 75degF(15 to 24degC)	59 to 75degF(15 to 24degC)
	Outdoor	D.B.	23 to 109degF(-5 to 43degC)	23 to 109degF(-5 to 43degC)
Heating capacity (Nominal) (208-230)	*2	BTU / h	80,000	108,000
		kW	23.4	31.7
	Power input	kW	6.04	8.66
		Current input	A	18.6-16.8
Temp. range of heating	Indoor	D.B.	59 to 81degF(15 to 27degC)	59 to 81degF(15 to 27degC)
	Outdoor	W.B.	-4 to 60degF(-20 to 15.5degC)	-4 to 60degF(-20 to 15.5degC)
Indoor unit connectable	Total capacity		50 to 150 % of outdoor unit capacity	
	Model / Quantity		P06 to P96 / 1 to 18	
Sound pressure level (measured in anechoic room)		dB <A>	58.0	
Refrigerant piping diameter	High pressure		in. (mm)	
	Low pressure		in. (mm)	
FAN	Type x Quantity		Propeller fan x 1	
	Airflow rate	cfm	6,550	7,750
		m ³ / min	185	220
		L/s	3,080	3,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92	
*3 External static press.		0 in.WG (0 Pa)		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	
	Starting method		Inverter	
	Motor output	kW	4.4	
	Case heater	kW	0.051(230 V)	
	Lubricant		MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1>	
External dimension H x W x D			in. 64-31/32" x 36-1/4" x 29-15/16"	
			mm 1,650 x 920 x 760	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601 psi)	
	Compressor / Fan		Over-heat protection / Thermal switch	
	Inverter		Over-heat protection, Over-current protection	
Refrigerant	Type x original charge		R410A x 23 lbs + 2 oz (10.5kg)	
	Control		Indoor LEV and BC controller	
Net weight		lbs (kg)	519(235)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		WKB94L662	
	Wiring		WKE94C209	
	Refrigerant cycle		-	
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts			joint: CMY-Y102S-G2, CMY-Y102L-G2, CMY-R160-J BC controller: CMB-P104, 105, 106, 108, 1010, 1013, 1016NU-G Main BC controller: CMB-P108, 1010, 1013, 1016NU-GA Sub BC controller: CMB-P104, 108NU-GB, CMB-P1016NU-HB	
Remark			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.	

Note :	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
	Indoor : 80degF D.B./ 67degF W.B. (26.7degC D.B./ 19.4degC W.B.)	70degF D.B. (21.1degC D.B.)	kcal =kW x 860 BTU/h =kW x 3.412 cfm =m ³ /min x 35.31 lb =kg / 0.4536
	Outdoor : 95degF D.B. (35degC D.B.)	47degF D.B./ 43degF W.B. (8.3degC D.B./ 6.1degC W.B.)	
	Pipe length : 25ft.(7.6m)	25ft.(7.6m)	
	Level difference : 0ft.(0m)	0ft.(0m)	
*3 External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).			*Above specification data is subject to rounding variation.
* Due to continuing improvement, above specifications may be subject to change without notice.			