1. SPECIFICATIONS

Model			PUHY-P120THMU-A(-BS)	
Power source			3-phase 3-wire 208-230V ±10% 60Hz	
Cooling capacity	*1	BTU / h	120,000	
(Nominal)	*1	kW	35.2	
	Power input	kW	10.11	
(208-230)	Current input	A	31.1-28.1	
Temp. range of	Indoor	W.B.	59 to 75degF(15 to 24degC)	
cooling	Outdoor	D.B.	23 to 109degF(-5 to 43degC)	
Heating capacity	*2	BTU / h	120,000	
(Nominal)	*2	kW	35.2	
	Power input	kW	9.26	
(208-230)	Current input	A	28.5-25.8	
Temp. range of	Indoor	D.B.	59 to 81degF(15 to 27degC)	
heating	Outdoor	W.B.	-4 to 60degF(-20 to 15.5degC)	
Indoor unit	Total capacity		50 to 130 % of outdoor unit capacity	
connectable	Model / Quantity		P06 to P96 / 1 to 26	
Sound pressure level (measured in anechoic room)		dB <A>	60.0	
Refrigerant	Liquid pipe	in. (mm)	3/8"(9.52) Brazed (1/2"(12.7) Brazed,total length >= 40m)	
piping diameter	Gas pipe	in. (mm)	7/8"(22.2) Brazed	
FAN	Type x Quantity		Propeller fan x 1	
	Air flow rate	cfm	7,950	
		m^3 / min	225	
		L/s	3,750	
	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	8.8	
	Case heater	kW	0.057(230 V)	
	Lubricant		MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D		in.	64-31/32" x 48-1/16" x 29-15/16"	
		mm	1,650 x 1,220 x 760	
Protection	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601 psi)	
devices	Compressor / Fan		Over-heat protection / Thermal switch	
	Inverter		Over-heat protection, Over-current protection	
Refrigerant	Type x original charge		R410A x 25 lbs + 6 oz (11.5kg)	
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	541(245)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe,tube-in-tube structure	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94L643	
	Wiring		WKE94C208X01	
	Refrigerant cycle		-	
Standard	Document		Installation Manual	
attachment	Accessory		Refrigerant conn. Pipe	
Optional parts			joint: CMY-Y102S/L-G2 Header: CMY-Y104/108/1010-G	
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
Indoor :	80degF D.B./ 67degF W.B.	70degF D.B.
	(26.7degC D.B./ 19.4degC W.B.)	(21.1degC D.B.)
Outdoor :	95degF D.B.	47degF D.B./ 43degF W.B.
	(35degC D.B.)	(8.3degC D.B./ 6.1degC W.B.)
Pipe length :	25ft.(7.6m)	25ft.(7.6m)
Level difference :	0ft.(0m)	0ft.(0m)

* Due to continuing improvement, above specifications may be subject to change without notice.

*3 External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).

Unit converter	
kcal	=kW x 860
BTU/h	=kW x 3,412
cfm	=m^3/min x 35.31
lb	=kg / 0.4536

*Above specification data is subject to rounding variation.