

1. SPECIFICATIONS

DATA U4

Model			PUHY-P72YHMU-A(-BS)	PUHY-P96YHMU-A(-BS)	
Power source			3-phase 3-wire 460V ±10% 60Hz	3-phase 3-wire 460V ±10% 60Hz	
Cooling capacity (Nominal)	*1	BTU / h	72,000	96,000	
	*1	kW	21.1	28.1	
	(460)	Power input	kW	5.27	8.42
	(460)	Current input	A	7.3	11.7
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)	*2	BTU / h	80,000	108,000	
	*2	kW	23.4	31.7	
	(460)	Power input	kW	5.68	8.63
	(460)	Current input	A	7.9	12.0
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 130 % of outdoor unit capacity	50 to 130 % of outdoor unit capacity	
	Model / Quantity		P06 to P96 / 1 to 15	P06 to P96 / 1 to 20	
Sound pressure level (measured in anechoic room)		dB <A>	58.0	58.0	
Refrigerant piping diameter	Liquid pipe	in. (mm)	3/8"(9.52) Brazed	3/8"(9.52) Brazed (1/2"(12.7) Brazed, total length >= 90m)	
	Gas pipe	in. (mm)	3/4"(19.05) Brazed	7/8"(22.2) Brazed	
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	
	Air flow rate	cfm	7,050	7,050	
		m ³ / min	200	200	
		L/s	3,330	3,330	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	
Motor output	kW	0.92	0.92		
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION	
	Starting method		Inverter	Inverter	
	Motor output	kW	5.1	6.8	
	Case heater	kW	0.051(230 V)	0.051(230 V)	
	Lubricant		MEL32	MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	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 36-1/4" x 29-15/16"	64-31/32" x 36-1/4" x 29-15/16"	
		mm	1,650 x 920 x 760	1,650 x 920 x 760	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	
	Compressor / Fan		Over-heat protection / Thermal switch	Over-heat protection / Thermal switch	
	Inverter		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0kg)	R410A x 19 lbs + 13 oz (9.0kg)	
	Control		LEV and HIC circuit	LEV and HIC circuit	
Net weight		lbs (kg)	474(215)	474(215)	
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	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94L654	KB94L654	
	Wiring		WKE94C211X01	WKE94C211X01	
	Refrigerant cycle		-	-	
Standard attachment	Document		Installation Manual	Installation Manual	
	Accessory		Refrigerant conn. pipe	Refrigerant conn. pipe	
Optional parts			joint: CMY-Y102S-G2 Header: CMY-Y104/108/1010-G	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.	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.) Outdoor : 95degF D.B. (35degC D.B.) Pipe length : 25ft.(7.6m) Level difference : 0ft.(0m)	70degF D.B. (21.1degC D.B.) 47degF D.B./ 43degF W.B. (8.3degC D.B./ 6.1degC W.B.) 25ft.(7.6m) 0ft.(0m)	kcal =kW x 860 BTU/h =kW x 3,412 cfm =m ³ /min x 35.31 lb =kg / 0.4536
* Due to continuing improvement, above specifications may be subject to change without notice.			*Above specification data is subject to rounding variation.
*3 External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).			