

1. SPECIFICATIONS

DATA U4

Model			PUHY-P336YSHMU-A(-BS)	
Power source			3-phase 3-wire 460V ±10% 60Hz	
Cooling capacity (Nominal)	*1	BTU / h	336,000	
	*1	kW	98.5	
	(460)	Power input	kW	29.50
		Current input	A	41.1
Temp. range of cooling	Indoor	W.B.	59 to 75degF (15 to 24degC)	
	Outdoor	D.B.	23 to 109degF(-5 to 43degC)	
Heating capacity (Nominal)	*2	BTU / h	348,000	
	*2	kW	102.0	
	(460)	Power input	kW	27.96
		Current input	A	38.9
Temp. range of heating	Indoor	D.B.	59 to 81degF (15 to 27degC)	
	Outdoor	W.B.	-4 to 60degF(-20 to 15.5degC)	
Indoor unit connectable	Total capacity	50 to 130 % of outdoor unit capacity		
	Model / Quantity	P06 to P96 / 2 to 50		
Sound pressure level (measured in anechoic room)	dB <A>		64.5	
Refrigerant piping diameter	Liquid pipe	in. (mm)	3/4"(19.05) Brazed	
	Gas pipe	in. (mm)	1-5/8"(41.28) Brazed	

Set Model

Model			PUHY-P96YHMU-A(-BS)	PUHY-P120YHMU-A(-BS)	PUHY-P120YHMU-A(-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Airflow rate	cfm	7,050	7,950	7,950
		m ³ / min	200	225	225
		L/s	3,330	3,750	3,750
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92	0.92	0.92
*3 External static press.		0 in.WG (0 Pa)	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	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter	Inverter
	Motor output	kW	6.8	8.8	8.8
	Case heater	kW	0.051(230 V)	0.057(230 V)	0.057(230 V)
	Lubricant		MEL32	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>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D		in. mm	64-31/32" x 36-1/4" x 29-15/16" 1,650 x 920 x 760	64-31/32" x 48-1/16" x 29-15/16" 1,650 x 1,220 x 760	64-31/32" x 48-1/16" x 29-15/16" 1,650 x 1,220 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)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)
	Compressor / Fan		Over-heat protection / Thermal switch	Over-heat protection / Thermal switch	Over-heat protection / Thermal switch
	Inverter		Over-heat protection, Over-current protection	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 25 lbs + 6 oz (11.5kg)	R410A x 25 lbs + 6 oz (11.5kg)
	Control		LEV and HIC circuit		
Net weight		lbs (kg)	474(215)	574(260)	574(260)
Heat exchanger		Salt-resistant cross fin & copper tube			
HIC circuit (HIC: Heat Inter-Changer)		Copper pipe, tube-in-tube structure			
Refrigerant piping diameter	Liquid pipe	in. (mm)	3/8"(9.52)Brazed	1/2"(12.7)Brazed	1/2"(12.7)Brazed
	Gas pipe	in. (mm)	7/8"(22.2)Brazed	7/8"(22.2)Brazed	7/8"(22.2)Brazed
Defrosting method		Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		KB94L660		
	Wiring		WKE94C211X01	WKE94C211X01	WKE94C211X01
	Refrigerant cycle		-		
Standard attachment	Document		Installation Manual		
	Accessory		Refrigerant conn. Pipe		
Optional parts		Outdoor Twinning kit: CMY-Y300VBK2 joint: CMY-Y102S/L-G2, CMY-Y202/302-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	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
	Outdoor : 95degF D.B. (35degC D.B.)	47degF D.B./ 43degF W.B. (8.3degC D.B./ 6.1degC W.B.)		BTU/h =kW x 3,412
	Pipe length : 25ft.(7.6m)	25ft.(7.6m)		cfm =m ³ /min x 35.31
	Level difference : 0ft.(0m)	0ft.(0m)		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).				