

OUTDOOR UNITS

1. SPECIFICATIONS.....	Y-2
1-1. PUHY-P72~360T(S)HMU-A (-BS) 208 / 230V Specifications	Y-2
1-2. PUHY-P72~360Y(S)HMU-A (-BS) 460V Specifications	Y-13
2. EXTERNAL DIMENSIONS.....	Y-24
3. CENTER OF GRAVITY	Y-48
4. ELECTRICAL WIRING DIAGRAMS.....	Y-49
5. REFRIGERANT CIRCUIT DIAGRAMS AND THERMAL SENSORS	Y-54
6. SOUND PRESSURE LEVELS	Y-55
7. CAPACITY TABLES	Y-60
7-1. Correction by Temperature (Standard Performance).....	Y-60
7-2. Correction by Temperature (High Heating Performance).....	Y-67
7-3. Correction by Total Indoor.....	Y-71
7-4. Correction by Refrigerant Piping Length.....	Y-75
7-5. Correction at Frost and Defrost.....	Y-78
7-6. Standard Operation Temperature Range.....	Y-79
7-7. Extended Cooling Range with Low Ambient Kit.....	Y-79
8. OPTIONAL PARTS.....	Y-80
8-1. Branch Joint.....	Y-80
8-2. Headers	Y-81
8-3. Twinning Kit.....	Y-82
8-4. Low Ambient Kit	Y-83

1. SPECIFICATIONS

1-1. PUHY-P72~360T(S)JMU-A Specifications

Model			PUHY-P72TJMU-A(-BS)		PUHY-P96TJMU-A(-BS)	
Power source			3-phase 3-wire 208 / 230V ±10% 60Hz		3-phase 3-wire 208 / 230V ±10% 60Hz	
Cooling capacity (Nominal) *1 (208-230)		BTU / h	72,000		96,000	
		kW	21.1		28.1	
	Power input	kW	5.27 *3		7.95 *3	
	Current input	A	16.2 / 14.6 *3		24.5 / 22.1 *3	
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)		59~75°F(15~24°C)	
	Outdoor	D.B.	23~115°F(-5~46°C) *6		23~115°F(-5~46°C) *6	
Heating capacity (Nominal) *2 (208-230V)		BTU / h	80,000		108,000	
		kW	23.4		31.7	
	Power input	kW	5.68 *3		8.54 *3	
	Current input	A	17.5 / 15.8 *3		26.3 / 23.8 *3	
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)		59~81°F(15~27°C)	
	Outdoor	W.B.	-4~60°F(-20~15.5°C)		-4~60°F(-20~15.5°C)	
Indoor unit	Total capacity		50~130% of outdoor unit capacity		50~130% of outdoor unit capacity	
	Model / Quantity		P06~P72 / 1~15		P06~P96 / 1~20	
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, ≥ 295' [90m]—Length from outdoor unit to first joint)	
	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	
	Airflow rate	cfm	6,180		6,180	
		m³ / min	175		175	
		L/s	2,920		2,920	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
External static pressure *4		0 in.WG (0 Pa) *4		0 in.WG (0 Pa) *4		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1		Inverter scroll hermetic compressor x 1	
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.		AC&R Works, MITSUBISHI ELECTRIC CORP.	
	Operating Range		18-100%		19-100%	
	Starting method		Inverter		Inverter	
	Case heater	kW	0.035(230 V)		0.045(230 V)	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <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 48-1/16 x 29-15/16	
		mm	1,650 x 920 x 760		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)	
	Inverter circuit (COMP. / FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
	Compressor		Over-heat protection		Over-heat protection	
	Fan motor		Thermal switch		Thermal switch	
Minimum Circuit Ampacity (MCA)		A	25 / 24		36 / 34	
Recommended Fuse/Breaker Size		A	30		40	
Maximum Fuse Size		A	30 / 30		50 / 50	
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0kg)		R410A x 15 lbs + 7 oz (7.0kg)	
	Control		LEV and HIC circuit		LEV and HIC circuit	
Net weight		lbs (kg)	441(200)		497(225)	
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	
Defrost method			Auto-defrost mode (Reversed refrigerant cycle)		Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94T898		KB94T899	
	Wiring		KE94C368		KE94C369	
Standard attachment	Document		Installation Manual		Installation Manual	
	Accessory		Details refer to External Drw		Details refer to External Drw	
Optional parts			Joint: CMY-Y102S/L-G2		Joint: CMY-Y102S/L-G2	
			Header: CMY-Y104/108/1010-G		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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.			

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B./ 67degF W.B.	70degF D.B.	kcal =kW x 860
	(26.7degC D.B./ 19.4degC W.B.)	(21.1degC D.B.)	BTU/h =kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B./ 43degF W.B.	cfm =m³/min x 35.31
		(8.3degC D.B./ 6.1degC W.B.)	lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	
* Due to continuing improvement, above specifications may be subject to change without notice.			

1. SPECIFICATIONS

Model			PUHY-P120TJMU-A(-BS)	PUHY-P144TJMU-A(-BS)
Power source			3-phase 3-wire 208 / 230V ±10% 60Hz	3-phase 3-wire 208 / 230V ±10% 60Hz
Cooling capacity (Nominal) *1 (208-230)	BTU / h		120,000	144,000
	kW		35.2	42.2
	Power input	kW	9.90 *3	12.42 *3
	Current input	A	30.5 / 27.6 *3	38.3 / 34.6 *3
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)	59~75°F(15~24°C)
	Outdoor	D.B.	23~115°F(-5~46°C) *6	23~115°F(-5~46°C) *6
Heating capacity (Nominal) *2 (208-230)	BTU / h		135,000	160,000
	kW		39.6	46.9
	Power input	kW	10.41 *3	13.08 *3
	Current input	A	32.1 / 29.0 *3	40.3 / 36.4 *3
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)	59~81°F(15~27°C)
	Outdoor	W.B.	-4~60°F(-20~15.5°C)	-4~60°F(-20~15.5°C)
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Model / Quantity		P06~P96 / 1~26	P06~P96 / 1~31
Sound pressure level (measured in anechoic room)		dB <A>	60.0	61.0
Refrigerant piping diameter	Liquid pipe	In. (mm)	3/8"(9.52) Brazed (1/2" [12.7] Brazed, >= 131" [40m]--Length from outdoor unit to first joint)	1/2"(12.7) Brazed
	Gas pipe	In. (mm)	7/8"(22.2) Brazed	1-1/8"(28.58) Brazed
Fan	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	12,010	12,010
		m³ / min	340	340
		L/s	5,670	5,670
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
External static pressure *4		0 in.WG (0 Pa) *4	0 in.WG (0 Pa) *4	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.	AC&R Works, MITSUBISHI ELECTRIC CORP.
	Operating Range		18-100%	14-100%
	Starting method		Inverter	Inverter
	Case heater	kW	0.045(230 V)	0.045(230 V)
	Lubricant		MEL32	MEL32
External finish		Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D		In.	64-31/32 x 68-29/32 x 29-15/16	64-31/32 x 68-29/32 x 29-15/16
		mm	1,650 x 1,750 x 760	1,650 x 1,750 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)
	Inverter circuit (COMP. / FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		Over-heat protection	Over-heat protection
	Fan motor		Thermal switch	Thermal switch
Minimum Circuit Ampacity		A	49 / 46	59 / 54
Recommended Fuse/Breaker Size		A	50	60
Maximum Fuse Size		A	70 / 60	90 / 80
Refrigerant	Type x original charge		R410A x 26 lbs + 1oz(11.8kg)	R410A x 26 lbs + 1oz(11.8kg)
	Control		LEV and HIC circuit	LEV and HIC circuit
Net weight		lbs (kg)	629(285)	629(285)
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
Defrost method			Auto-defrost mode (Reversed refrigerant cycle)	Auto-defrost mode (Reversed refrigerant cycle)
Drawing	External		KB94T900	KB94T900
	Wiring		KE94C370	KE94C370
Standard attachment	Document		Installation Manual	Installation Manual
	Accessory		Details refer to External Drw	Details refer to External Drw
Optional parts		Joint: CMY-Y102S/L-G2		Joint: CMY-Y102S/L-G2,CMY-Y202-G2
		Header: CMY-Y104/108/1010-G		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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.		

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B./ 67degF W.B.	70degF D.B.	kcal =kW x 860
	(26.7degC D.B./ 19.4degC W.B.)	(21.1degC D.B.)	BTU/h =kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B./ 43degF W.B.	cfm =m³/min x 35.31
		(8.3degC D.B./ 6.1degC W.B.)	lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	
* Due to continuing improvement, above specifications may be subject to change without notice.			

1. SPECIFICATIONS

Model			PUHY-P168TSJMU-A(-BS)			
Power source			3-phase 3-wire 208 / 230V ±10% 60Hz			
Cooling capacity (Nominal) *1	BTU / h		168,000			
	kW		49.2			
	Power input	kW	13.62 *3			
	Current input (208 / 230)	A	42.0 / 37.9 *3			
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)			
	Outdoor	D.B.	23~115°F(-5~46°C) *6			
Heating capacity (Nominal) *2	BTU / h		188,000			
	kW		55.1			
	Power input	kW	14.65 *3			
	Current input (208 / 230)	A	45.1 / 40.8 *3			
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)			
	Outdoor	W.B.	-4~60°F(-20~15.5°C)			
System Compressor Operating Range			8~100%			
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity			
	Model / Quantity		P06~P96 / 1~36			
Sound pressure level (measured in anechoic room)			dB <A> 61.0			
Refrigerant piping diameter from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	5/8"(15.88) Brazed			
	Gas pipe	In. (mm)	1-1/8"(28.58) Brazed			
Set Model						
Model			PUHY-P72TJMU-A(-BS)		PUHY-P96TJMU-A(-BS)	
Fan	Type x Quantity		Propeller fan x 1		Propeller fan x 1	
	Airflow rate	cfm	6,180		6,180	
		m³ / min	175		175	
		L/s	2,920		2,920	
	Control , Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
External static pressure *4		0 in.WG (0 Pa) *4		0 in.WG (0 Pa) *4		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1		Inverter scroll hermetic compressor x 1	
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.		AC&R Works, MITSUBISHI ELECTRIC CORP.	
	Starting method		Inverter		Inverter	
	Case heater	kW	0.035(230 V)		0.045(230 V)	
	Lubricant		MEL32		MEL32	
External finish		Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <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 48-1/16 x 29-15/16	
		mm	1,650 x 920 x 760		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)	
	Inverter circuit (COMP. / FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
	Compressor		Over-heat protection		Over-heat protection	
	Fan Motor		Thermal switch		Thermal switch	
Minimum Circuit Ampacity (MCA)		A	25 / 24		36 / 34	
Recommended Fuse/Breaker Size		A	30		40	
Maximum Fuse Size		A	30 / 30		50 / 50	
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0kg)		R410A x 15 lbs + 7 oz (7.0kg)	
	Control		LEV and HIC circuit			
Net weight		lbs (kg)	441(200)		497(225)	
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	
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	3/8"(9.52)Brazed		3/8"(9.52)Brazed	
	Gas pipe	In. (mm)	3/4"(19.05)Brazed		7/8"(22.2)Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		KB94T901			
	Wiring		KE94C368		KE94C369	
Standard attachment	Document		Installation Manual			
	Accessory		Details refer to External Drw			
Optional parts			Outdoor Twinning kit: CMY-Y100VBK2			
			Joint: CMY-Y102S/L-G2, CMY-Y202-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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.			

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B./ 67degF W.B.	70degF D.B.	kcal =kW x 860
	(26.7degC D.B./ 19.4degC W.B.)	(21.1degC D.B.)	BTU/h =kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B./ 43degF W.B.	cfm =m³/min x 35.31
		(8.3degC D.B./ 6.1degC W.B.)	lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	
* Due to continuing improvement, above specifications may be subject to change without notice.			

1. SPECIFICATIONS

Model			PUHY-P192TSJMU-A(-BS)			
Power source			3-phase 3-wire 208 / 230V ±10% 60Hz			
Cooling capacity (Nominal) *1		BTU / h	192,000			
		kW	56.3			
	Power input	kW	15.63 *3			
	Current input (208 / 230)	A	48.2 / 43.5 *3			
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)			
	Outdoor	D.B.	23~115°F(-5~46°C) *6			
Heating capacity (Nominal) *2		BTU / h	215,000			
		kW	63.0			
	Power input	kW	16.57 *3			
	Current input (208 / 230)	A	51.1 / 46.2 *3			
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)			
	Outdoor	W.B.	-4~60°F(-20~15.5°C)			
System Compressor Operating Range			6~100%			
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity			
	Model / Quantity		P06~P96 / 1~41			
Sound pressure level (measured in anechoic room)		dB <A>	62.5			
Refrigerant piping diameter from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	5/8"(15.88) Brazed			
	Gas pipe	In. (mm)	1-1/8"(28.58) Brazed			
Set Model						
Model			PUHY-P72TJMU-A(-BS)		PUHY-P120TJMU-A(-BS)	
Fan	Type x Quantity		Propeller fan x 1		Propeller fan x 2	
	Airflow rate	cfm	6,180		12,010	
		m³ / min	175		340	
		L/s	2,920		5,670	
	Control , Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
External static pressure *4		0 in.WG (0 Pa) *4		0 in.WG (0 Pa) *4		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1		Inverter scroll hermetic compressor x 1	
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORPORATION		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	
	Starting method		Inverter		Inverter	
	Case heater	kW	0.035(230 V)		0.045(230 V)	
	Lubricant		MEL32		MEL32	
External finish		Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <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 68-29/32 x 29-15/16	
		mm	1,650 x 920 x 760		1,650 x 1,750 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)	
	Inverter circuit (COMP. / FAN)		Over-heat protection,Over-current protection		Over-heat protection,Over-current protection	
	Compressor		Over-heat protection		Over-heat protection	
	Fan Motor		Thermal switch		Thermal switch	
Minimum Circuit Ampacity (MCA)		A	25 / 24		49 / 46	
Recommended Fuse/Breaker Size		A	30		50	
Maximum Fuse Size		A	30 / 30		70 / 60	
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0kg)		R410A x 26 lbs + 1oz (11.8kg)	
	Control		LEV and HIC circuit			
Net weight		lbs (kg)	441(200)		629(285)	
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	
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	3/8"(9.52)Brazed		1/2"(12.7)Brazed	
	Gas pipe	In. (mm)	3/4"(19.05)Brazed		7/8"(22.2)Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		KB94T902			
	Wiring		KE94C368		KE94C370	
Standard attachment	Document		Installation Manual			
	Accessory		Details refer to External Drw			
Optional parts			Outdoor Twinning kit: CMY-Y100VBK2			
			Joint: CMY-Y102S/L-G2,CMY-Y202-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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.			

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
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm =m³/min x 35.31 lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	

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

1. SPECIFICATIONS

Model			PUHY-P216TSJMU-A(-BS)			
Power source			3-phase 3-wire 208 / 230V ±10% 60Hz			
Cooling capacity (Nominal) *1		BTU / h	216,000			
		kW	63.3			
	Power input	kW	18.39 *3			
	Current input (208 / 230)	A	56.7 / 51.2 *3			
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)			
	Outdoor	D.B.	23~115°F(-5~46°C) *6			
Heating capacity (Nominal) *2		BTU / h	243,000			
		kW	71.2			
	Power input	kW	19.52 *3			
	Current input (208 / 230)	A	60.2 / 54.4 *3			
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)			
	Outdoor	W.B.	-4~60°F(-20~15.5°C)			
System Compressor Operating Range			9-100%			
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity			
	Model / Quantity		P06~P96 / 2~46			
Sound pressure level (measured in anechoic room)		dB <A>	62.5			
Refrigerant piping diameter from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	5/8"(15.88) Brazed			
	Gas pipe	In. (mm)	1-1/8"(28.58) Brazed			
Set Model						
Model			PUHY-P96TJMU-A(-BS)		PUHY-P120TJMU-A(-BS)	
Fan	Type x Quantity		Propeller fan x 1		Propeller fan x 2	
	Airflow rate	cfm	6,180		12,010	
		m³ / min	175		340	
		L/s	2,920		5,670	
	Control , Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
External static pressure *4		0 in.WG (0 Pa) *4		0 in.WG (0 Pa) *4		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1		Inverter scroll hermetic compressor x 1	
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.		AC&R Works, MITSUBISHI ELECTRIC CORP.	
	Starting method		Inverter		Inverter	
	Case heater	kW	0.045(230 V)		0.045(230 V)	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <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		64-31/32 x 68-29/32 x 29-15/16	
		mm	1,650 x 1,220 x 760		1,650 x 1,750 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)	
	Inverter circuit (COMP. / FAN)		Over-heat protection,Over-current protection		Over-heat protection,Over-current protection	
	Compressor		Over-heat protection		Over-heat protection	
	Fan Motor		Thermal switch		Thermal switch	
Minimum Circuit Ampacity (MCA)		A	36 / 34		49 / 46	
Recommended Fuse/Breaker Size		A	40		50	
Maximum Fuse Size		A	50 / 50		70 / 60	
Refrigerant	Type x original charge		R410A x 15 lbs + 7 oz (7.0kg)		R410A x 26 lbs + 1oz(11.8kg)	
	Control		LEV and HIC circuit			
Net weight		lbs (kg)	497(225)		629(285)	
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	
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	3/8"(9.52)Brazed		1/2"(12.7)Brazed	
	Gas pipe	In. (mm)	7/8"(22.2)Brazed		7/8"(22.2)Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		KB94T903			
	Wiring		KE94C369		KE94C370	
Standard attachment	Document		Installation Manual			
	Accessory		Details refer to External Drw			
Optional parts			Outdoor Twinning kit: CMY-Y100VBK2			
			Joint: CMY-Y102S/L-G2,CMY-Y202-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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.			

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B.	70degF D.B.	kcal =kW x 860
	(26.7degC D.B. / 19.4degC W.B.)	(21.1degC D.B.)	BTU/h =kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B.	cfm =m³/min x 35.31
		(8.3degC D.B. / 6.1degC W.B.)	lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	

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

1. SPECIFICATIONS

Model			PUHY-P240TSJMU-A(-BS)	
Power source			3-phase 3-wire 208 / 230V ±10% 60Hz	
Cooling capacity (Nominal) *1		BTU / h	240,000	
		kW	70.3	
	Power input	kW	20.39 *3	
	Current input (208 / 230)	A	62.8 / 56.8 *3	
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)	
	Outdoor	D.B.	23~115°F(-5~46°C) *6	
Heating capacity (Nominal) *2		BTU / h	270,000	
		kW	79.1	
	Power input	kW	21.44 *3	
	Current input (208 / 230)	A	66.1 / 59.7 *3	
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)	
	Outdoor	W.B.	-4~60°F(-20~15.5°C)	
System Compressor Operating Range			8~100%	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model / Quantity		P06~P96 / 2~50	
Sound pressure level (measured in anechoic room)			dB <A> 63.0	
Refrigerant piping diameter from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	5/8"(15.88) Brazed	
	Gas pipe	In. (mm)	1-1/8"(28.58) Brazed	
Set Model				
Model			PUHY-P120TJMU-A(-BS)	
Fan	Type x Quantity		Propeller fan x 2	
	Airflow rate	cfm	12,010	
		m³ / min	340	
		L/s	5,670	
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	
External static pressure *4		0 in.WG (0 Pa) *4		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.	
	Starting method		Inverter	
	Case heater	kW	0.045(230 V)	
	Lubricant		MEL32	
External finish		Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>		
External dimension H x W x D		In.	64-31/32 x 68-29/32 x 29-15/16	
		mm	1,650 x 1,750 x 760	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601 psi)	
	Inverter circuit (COMP. / FAN)		Over-heat protection, Over-current protection	
	Compressor		Over-heat protection	
	Fan Motor		Thermal switch	
Minimum Circuit Ampacity (MCA)		A	49 / 46	
Recommended Fuse/Breaker Size		A	50	
Maximum Fuse Size		A	70 / 60	
Refrigerant	Type x original charge		R410A x 26 lbs + 1oz (11.8kg)	
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	629(285)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	1/2"(12.7)Brazed	
	Gas pipe	In. (mm)	7/8"(22.2)Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94T904	
	Wiring		KE94C370	KE94C370
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts	Outdoor Twinning kit: CMY-Y100VBK2			
	Joint: CMY-Y102S/L-G2, CMY-Y202-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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.	

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B.	70degF D.B.	kcal =kW x 860
	(26.7degC D.B. / 19.4degC W.B.)	(21.1degC D.B.)	BTU/h =kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B.	cfm =m³/min x 35.31
		(8.3degC D.B. / 6.1degC W.B.)	lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	

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

1. SPECIFICATIONS

Model			PUHY-P264TSJMU-A(-BS)			
Power source			3-phase 3-wire 208 / 230V ±10% 60Hz			
Cooling capacity (Nominal) *1		BTU / h	264,000			
		kW	77.4			
	Power input	kW	22.99 *3			
	Current input (208 / 230)	A	70.9 / 64.1 *3			
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)			
	Outdoor	D.B.	23~115°F(-5~46°C) *6			
Heating capacity (Nominal) *2		BTU / h	295,000			
		kW	86.5			
	Power input	kW	24.19 *3			
	Current input (208 / 230)	A	74.6 / 67.4 *3			
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)			
	Outdoor	W.B.	-4~60°F(-20~15.5°C)			
System Compressor Operating Range			7~100%			
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity			
	Model / Quantity		P06~P96 / 2~50			
Sound pressure level (measured in anechoic room)		dB <A>	63.5			
Refrigerant piping diameter from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	3/4"(19.05) Brazed			
	Gas pipe	In. (mm)	1-3/8"(34.93) Brazed			
Set Model						
Model			PUHY-P120TJMU-A(-BS)		PUHY-P144TJMU-A(-BS)	
Fan	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Airflow rate	cfm	12,010		12,010	
		m³ / min	340		340	
		L/s	5,670		5,670	
	Control , Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
External static pressure *4		0 in.WG (0 Pa) *4		0 in.WG (0 Pa) *4		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1		Inverter scroll hermetic compressor x 1	
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.		AC&R Works, MITSUBISHI ELECTRIC CORP.	
	Starting method		Inverter		Inverter	
	Case heater	kW	0.045(230 V)		0.045(230 V)	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D		In.	64-31/32 x 68-29/32 x 29-15/16		64-31/32 x 68-29/32 x 29-15/16	
		mm	1,650 x 1,750 x 760		1,650 x 1,750 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)	
	Inverter circuit (COMP. / FAN)		Over-heat protection,Over-current protection		Over-heat protection,Over-current protection	
	Compressor		Over-heat protection		Over-heat protection	
	Fan Motor		Thermal switch		Thermal switch	
Minimum Circuit Ampacity (MCA)		A	49 / 46		59 / 54	
Recommended Fuse/Breaker Size		A	50		60	
Maximum Fuse Size		A	70 / 60		90 / 80	
Refrigerant	Type x original charge		R410A x 26 lbs + 1oz (11.8kg)		R410A x 26 lbs + 1oz (11.8kg)	
	Control		LEV and HIC circuit			
Net weight		lbs (kg)	629(285)		629(285)	
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	
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	1/2"(12.7)Brazed		1/2"(12.7)Brazed	
	Gas pipe	In. (mm)	7/8"(22.2)Brazed		1-1/8"(28.58)Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		KB94T904			
	Wiring		KE94C370		KE94C370	
Standard attachment	Document		Installation Manual			
	Accessory		Details refer to External Drw			
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2			
			Joint: CMY-Y102S/L-G2,CMY-Y202-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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.			

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B./ 67degF W.B.	70degF D.B.	kcal =kW x 860
	(26.7degC D.B./ 19.4degC W.B.)	(21.1degC D.B.)	BTU/h =kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B./ 43degF W.B.	cfm =m³/min x 35.31
		(8.3degC D.B./ 6.1degC W.B.)	lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	
* Due to continuing improvement, above specifications may be subject to change without notice.			

1. SPECIFICATIONS

Model			PUHY-P288TSJMU-A(-BS)	
Power source			3-phase 3-wire 208 / 230V ±10% 60Hz	
Cooling capacity (Nominal) *1		BTU / h	288,000	
		kW	84.4	
	Power input	kW	25.59 *3	
	Current input (208 / 230)	A	78.9 / 71.3 *3	
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)	
	Outdoor	D.B.	23~115°F(-5~46°C) *6	
Heating capacity (Nominal) *2		BTU / h	320,000	
		kW	93.8	
	Power input	kW	26.94 *3	
	Current input (208 / 230)	A	83.0 / 75.1 *3	
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)	
	Outdoor	W.B.	-4~60°F(-20~15.5°C)	
System Compressor Operating Range			7~100%	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model / Quantity		P06~P96 / 2~50	
Sound pressure level (measured in anechoic room)			dB <A>	
			64.0	
Refrigerant piping diameter from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	3/4"(19.05) Brazed	
	Gas pipe	In. (mm)	1-3/8"(34.93) Brazed	
Set Model				
Model			PUHY-P144TJMU-A(-BS)	
Fan	Type x Quantity		Propeller fan x 2	
	Airflow rate	cfm	12,010	
		m³ / min	340	
		L/s	5,670	
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	
	External static pressure *4		0 in.WG (0 Pa) *4	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.	
	Starting method		Inverter	
	Case heater	kW	0.045(230 V)	
	Lubricant		MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D			64-31/32 x 68-29/32 x 29-15/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601 psi)	
	Inverter circuit (COMP. / FAN)		Over-heat protection, Over-current protection	
	Compressor		Over-heat protection	
	Fan Motor		Thermal switch	
Minimum Circuit Ampacity (MCA)		A	59 / 54	
Recommended Fuse/Breaker Size		A	60	
Maximum Fuse Size		A	90 / 80	
Refrigerant	Type x original charge		R410A x 26 lbs + 1oz (11.8kg)	
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	629(285)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			Salt-resistant cross fin & copper tube	
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	1/2"(12.7)Brazed	
	Gas pipe	In. (mm)	1-1/8"(28.58)Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94T904	
	Wiring		KE94C370	
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2	
			Joint: CMY-Y102S/L-G2, CMY-Y202-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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.	

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
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm =m³/min x 35.31 lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	

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

1. SPECIFICATIONS

Model			PUHY-P312TJMU-A(-BS)		
Power source			3-phase 3-wire 208 / 230V ±10% 60Hz		
Cooling capacity (Nominal) *1	BTU / h		312,000		
	kW		91.4		
	Power input	kW	25.82 *3		
	Current input (208 / 230)	A	79.6 / 72.0 *3		
	Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)	
	Outdoor	D.B.	23~115°F(-5~46°C) *6		
Heating capacity (Nominal) *2	BTU / h		350,000		
	kW		102.6		
	Power input	kW	27.3 *3		
	Current input (208 / 230)	A	84.1 / 76.1 *3		
	Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)	
	Outdoor	W.B.	-4~60°F(-20~15.5°C)		
System Compressor Operating Range			4~100%		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity		
	Model / Quantity		P06~P96 / 2~50		
Sound pressure level (measured in anechoic room)		dB <A>	64.5		
Refrigerant piping Dia. from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	3/4"(19.05) Brazed		
	Gas pipe	In. (mm)	1-3/8"(34.93) Brazed		
Set Model					
Model			PUHY-P72TJMU-A(-BS)	PUHY-P120TJMU-A(-BS)	PUHY-P120TJMU-A(-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	6,180	12,010	12,010
		m³ / min	175	340	340
		L/s	2,920	5,670	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control,Direct-driven by motor
External static pressure *4		0 in.WG (0 Pa) *4	0 in.WG (0 Pa) *4	0 in.WG (0 Pa) *4	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.		
	Starting method		Inverter	Inverter	Inverter
	Case heater	kW	0.035(230 V)	0.045(230 V)	0.045(230 V)
	Lubricant		MEL32	MEL32	MEL32
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <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 68-29/32 x 29-15/16	64-31/32 x 68-29/32 x 29-15/16
		mm	1,650 x 920 x 760	1,650 x 1,750 x 760	1,650 x 1,750 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)
	Inverter circuit (COMP. / FAN)		Over-heat protection,Over-current protection	Over-heat protection,Over-current protection	Over-heat protection,Over-current protection
	Compressor		Over-heat protection	Over-heat protection	Over-heat protection
	Fan Motor		Thermal switch	Thermal switch	Thermal switch
Minimum Circuit Ampacity (MCA)		A	25 / 24	49 / 46	49 / 46
Recommended Fuse/Breaker Size		A	30	50	50
Maximum Fuse Size		A	30 / 30	70 / 60	70 / 60
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0kg)	R410A x 26 lbs + 1 oz(11.8kg)	R410A x 26 lbs + 1 oz(11.8kg)
	Control		LEV and HIC circuit		
Net weight		lbs (kg)	441(200)	629(285)	629(285)
Heat exchanger			Salt-resistant cross fin, copper tube	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	Copper pipe,tube-in-tube structure
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	3/8"(9.52)Brazed	1/2"(12.7)Brazed	1/2"(12.7)Brazed
	Gas pipe	In. (mm)	3/4"(19.05)Brazed	7/8"(22.2)Brazed	7/8"(22.2)Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)		
Drawing	External		KB94T905		
	Wiring		KE94C368	KE94C370	KE94C370
Standard attachment	Document		Installation Manual		
	Accessory		Details refer to External Drw		
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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.		

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B./ 67degF W.B.	70degF D.B.	kcal =kW x 860
	(26.7degC D.B./ 19.4degC W.B.)	(21.1degC D.B.)	BTU/h =kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B./ 43degF W.B.	cfm =m³/min x 35.31
		(8.3degC D.B./ 6.1degC W.B.)	lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	
* Due to continuing improvement, above specifications may be subject to change without notice.			

1. SPECIFICATIONS

Model			PUHY-P336TJMU-A(-BS)			
Power source			3-phase 3-wire 208 / 230V ±10% 60Hz			
Cooling capacity (Nominal) *1		BTU / h	336,000			
		kW	98.5			
		Power input	kW	28.58 *3		
Temp. range of cooling		Current input (208 / 230)	A	88.1 / 79.7 *3		
		Indoor	W.B.	59~75°F(15~24°C)		
		Outdoor	D.B.	23~115°F(-5~46°C) *6		
Heating capacity (Nominal) *2		BTU / h	378,000			
		kW	110.8			
		Power input	kW	30.24 *3		
Temp. range of heating		Current input (208 / 230)	A	93.2 / 84.3 *3		
		Indoor	D.B.	59~81°F(15~27°C)		
		Outdoor	W.B.	-4~60°F(-20~15.5°C)		
System Compressor Operating Range			7-100%			
Indoor unit connectable		Total capacity		50~130% of outdoor unit capacity		
		Model / Quantity		P06~P96 / 2~50		
Sound pressure level (measured in anechoic room)		dB <A>	64.5			
Refrigerant piping Dia. from Twinning Kit to Indoor Units		Liquid pipe	In. (mm)	3/4"(19.05) Brazed		
		Gas pipe	In. (mm)	1-5/8"(41.28) Brazed		
Set Model						
Model			PUHY-P96TJMU-A(-BS)	PUHY-P120TJMU-A(-BS)	PUHY-P120TJMU-A(-BS)	
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2	
	Airflow rate	cfm	6,180	12,010	12,010	
		m³ / min	175	340	340	
		L/s	2,920	5,670	5,670	
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	
	External static pressure *4		0 in.WG (0 Pa) *4	0 in.WG (0 Pa) *4	0 in.WG (0 Pa) *4	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORPORATION			
	Starting method		Inverter	Inverter	Inverter	
	Case heater	kW	0.045(230 V)	0.045(230 V)	0.045(230 V)	
	Lubricant		MEL32	MEL32	MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <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	64-31/32 x 68-29/32 x 29-15/16	64-31/32 x 68-29/32 x 29-15/16	
		mm	1,650 x 1,220 x 760	1,650 x 1,750 x 760	1,650 x 1,750 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)	
	Inverter circuit (COMP. / FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	
	Compressor		Over-heat protection	Over-heat protection	Over-heat protection	
	Fan Motor		Thermal switch	Thermal switch	Thermal switch	
Minimum Circuit Ampacity (MCA)		A	36 / 34	49 / 46	49 / 46	
Recommended Fuse/Breaker Size		A	40	50	50	
Maximum Fuse Size		A	50 / 50	70 / 60	70 / 60	
Refrigerant	Type x original charge		R410A x 15 lbs + 7 oz (7.0kg)	R410A x 26 lbs + 1 oz (11.8kg)	R410A x 26 lbs + 1 oz (11.8kg)	
		Control	LEV and HIC circuit			
Net weight		lbs (kg)	497(225)	629(285)	629(285)	
Heat exchanger			Salt-resistant cross fin & copper tube	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	Copper pipe, tube-in-tube structure	
Refrigerant piping diameter from Module to Twinning Kit	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		KB94T906			
	Wiring		KE94C369	KE94C370	KE94C370	
Standard attachment	Document		Installation Manual			
	Accessory		Details refer to External Drw			
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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.			
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	
Outdoor:	95degF D.B. (35degC D.B.)		47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)		cfm =m³/min x 35.31 lb =kg / 0.4536	
Pipe length:	25ft.(7.6m)		25ft.(7.6m)		* Above specification data is subject to rounding variation.	
Level difference:	0ft.(0m)		0ft.(0m)			
* Due to continuing improvement, above specifications may be subject to change without notice.						

1. SPECIFICATIONS

Model			PUHY-P360TSJMU-A(-BS)		
Power source			3-phase 3-wire 208 / 230V ±10% 60Hz		
Cooling capacity (Nominal) *1	BTU / h		360,000		
	kW		105.5		
	Power input	kW	31.18 *3		
	Current input (208/230)	A	96.1 / 86.9 *3		
	Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)	
	Outdoor	D.B.	23~115°F(-5~46°C) *6		
Heating capacity (Nominal) *2	BTU / h		403,000		
	kW		118.1		
	Power input	kW	32.99 *3		
	Current input (208/230)	A	101.7 / 92.0 *3		
	Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)	
	Outdoor	W.B.	-4~60°F(-20~15.5°C)		
System Compressor Operating Range			6-100%		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity		
	Model / Quantity		P06~P96 / 2~50		
Sound pressure level (measured in anechoic room)			dB <A> 65.0		
Refrigerant piping diameter from Twinning Kit to Indoor Units	Liquid pipe		In. (mm)		
	Gas pipe		In. (mm)		
			3/4"(19.05) Brazed		
			1-5/8"(41.28) Brazed		
Set Model					
Model			PUHY-P96TJMU-A(-BS)		PUHY-P120TJMU-A(-BS)
			PUHY-P144TJMU-A(-BS)		
Fan	Type x Quantity		Propeller fan x 1		Propeller fan x 2
	Airflow rate	cfm	6,180		12,010
		m³ / min	175		340
		L/s	2,920		5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor
External static pressure *4		0 in.WG (0 Pa) *4		0 in.WG (0 Pa) *4	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1		Inverter scroll hermetic compressor x 1
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORPORATION		
	Starting method		Inverter		Inverter
	Case heater	kW	0.045(230 V)		0.045(230 V)
	Lubricant		MEL32		MEL32
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <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	64-31/32 x 68-29/32 x 29-15/16
			mm	1,650 x 1,220 x 760	1,650 x 1,750 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)
	Inverter circuit (COMP. / FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection
	Compressor		Over-heat protection		Over-heat protection
	Fan Motor		Thermal switch		Thermal switch
Minimum Circuit Ampacity (MCA)		A	36 / 34		49 / 46
Recommended Fuse/Breaker Size		A	40		50
Maximum Fuse Size		A	50 / 50		70 / 60
Refrigerant	Type x original charge		R410A x 15 lbs + 7 oz (7.0kg)		R410A x 26 lbs + 1 oz(11.8kg)
	Control		LEV and HIC circuit		
Net weight			lbs (kg)	497(225)	629(285)
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
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	3/8"(9.52)Brazed		1/2"(12.7)Brazed
	Gas pipe	In. (mm)	7/8"(22.2)Brazed		1-1/8"(28.58)Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)		
Drawing	External		KB94T906		
	Wiring		KE94C369		KE94C370
Standard attachment	Document		Installation Manual		
	Accessory		Details refer to External Drw		
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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.		
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 =m³/min x 35.31
Level difference:	0ft.(0m)		0ft.(0m)		lb =kg / 0.4536
* Above specification data is subject to rounding variation.					
* Due to continuing improvement, above specifications may be subject to change without notice.					

1. SPECIFICATIONS

1-2. PUHY-P72~360Y(S)JMU-A Specifications

Model			PUHY-P72YJMU-A(-BS)	PUHY-P96YJMU-A(-BS)
Power source			3-phase 3-wire 460V ±10% 60Hz	3-phase 3-wire 460V ±10% 60Hz
Cooling capacity (Nominal) *1 (208-230)		BTU / h	72,000	96,000
		kW	21.1	28.1
	Power input	kW	5.27 *3	7.95 *3
	Current input	A	7.3 *3	11.0 *3
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)	59~75°F(15~24°C)
	Outdoor	D.B.	23~115°F(-5~46°C) *6	23~115°F(-5~46°C) *6
Heating capacity (Nominal) *2 (208-230)		BTU / h	80,000	108,000
		kW	23.4	31.7
	Power input	kW	5.68 *3	8.54 *3
	Current input	A	7.9 *3	11.9 *3
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)	59~81°F(15~27°C)
	Outdoor	W.B.	-4~60°F(-20~15.5°C)	-4~60°F(-20~15.5°C)
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
	Model / Quantity		P06-P72 / 1~15	P06-P96 / 1~20
Sound pressure level (measured in anechoic room)		dB <A>	58.0	58.0
Refrigerant piping diameter	Liquid pipe	In. (mm)	3/8"(9.52) Braze	3/8"(9.52) Braze
	Gas pipe	In. (mm)	3/4"(19.05) Braze	7/8"(22.2) Braze
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1
	Airflow rate	cfm	6,180	6,180
		m³ / min	175	175
		L/s	2,920	2,920
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
Compressor	External static pressure *4		0 in.WG (0 Pa) *4	0 in.WG (0 Pa) *4
	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.	AC&R Works, MITSUBISHI ELECTRIC CORP.
	Operating Range		18-100%	19-100%
	Starting method		Inverter	Inverter
	Case heater	kW	0.035(230 V)	0.045(230 V)
Lubricant			MEL32	MEL32
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <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 48-1/16 x 29-15/16
		mm	1,650 x 920 x 760	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)
	Inverter circuit (COMP. / FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		Over-heat protection	Over-heat protection
	Fan Motor		Thermal switch	Thermal switch
Minimum Circuit Ampacity (MCA)		A	12	17
Recommended Fuse/Breaker Size		A	15	20
Maximum Fuse Size		A	15	25
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0kg)	R410A x 15 lbs + 7 oz (7.0kg)
	Control		LEV and HIC circuit	LEV and HIC circuit
Net weight		lbs (kg)	474(215)	530(240)
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
Defrost method			Auto-defrost mode (Reversed refrigerant cycle)	Auto-defrost mode (Reversed refrigerant cycle)
Drawing	External		KB94T907	KB94T908
	Wiring		KE94C371	KE94C371
Standard attachment	Document		Installation Manual	Installation Manual
	Accessory		Details refer to External Drw	Details refer to External Drw
Optional parts			Joint: CMY-Y102S-G2	Joint: CMY-Y102S/L-G2
			Header: CMY-Y104/108/1010-G	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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.	

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 =m³/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.			

1. SPECIFICATIONS

Model			PUHY-P120YJMU-A(-BS)		PUHY-P144YJMU-A(-BS)		
Power source			3-phase 3-wire 460V ±10% 60Hz		3-phase 3-wire 460V ±10% 60Hz		
Cooling capacity (Nominal) *1 (208-230)		BTU / h	120,000		144,000		
		kW	35.2		42.2		
		Power input	kW	9.90 *3		12.42 *3	
		Current input	A	13.8 *3		17.3 *3	
Temp. range of cooling		Indoor	W.B.	59~75°F(15~24°C)		59~75°F(15~24°C)	
		Outdoor	D.B.	23~115°F(-5~46°C) *6		23~115°F(-5~46°C) *6	
Heating capacity (Nominal) *2 (208-230)		BTU / h	135,000		160,000		
		kW	39.6		46.9		
		Power input	kW	10.41 *3		13.08 *3	
		Current input	A	14.5 *3		18.2 *3	
Temp. range of heating		Indoor	D.B.	59~81°F(15~27°C)		59~81°F(15~27°C)	
		Outdoor	W.B.	-4~60°F(-20~15.5°C)		-4~60°F(-20~15.5°C)	
Indoor unit		Total capacity		50~130% of outdoor unit capacity		50~130% of outdoor unit capacity	
		Model / Quantity		P06~P96 / 1~26		P06~P96 / 1~31	
Sound pressure level (measured in anechoic room)		dB <A>	60.0		61.0		
Refrigerant piping diameter		Liquid pipe	In. (mm)	3/8"(9.52) Brazed (1/2" [12.7] Brazed, >= 131"[40m]--Length from outdoor unit to first joint)		1/2"(12.7) Brazed	
		Gas pipe	In. (mm)	7/8"(22.2) Brazed		1-1/8"(28.58) Brazed	
Fan		Type x Quantity		Propeller fan x 2		Propeller fan x 2	
		Airflow rate	cfm	12,010		12,010	
			m³ / min	340		340	
			L/s	5,670		5,670	
		Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
External static pressure *4		0 in.WG (0 Pa) *4		0 in.WG (0 Pa) *4			
Compressor		Type x Quantity		Inverter scroll hermetic compressor x 1		Inverter scroll hermetic compressor x 1	
		Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.		AC&R Works, MITSUBISHI ELECTRIC CORP.	
		Operating Range		18-100%		14-100%	
		Starting method		Inverter		Inverter	
		Case heater	kW	0.045(230 V)		0.045(230 V)	
		Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>		
External dimension H x W x D		In.	64-31/32 x 68-29/32 x 29-15/16		64-31/32 x 68-29/32 x 29-15/16		
		mm	1,650 x 1,750 x 760		1,650 x 1,750 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)	
		Inverter circuit (COMP. / FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
		Compressor		Over-heat protection		Over-heat protection	
		Fan motor		Thermal switch		Thermal switch	
Minimum Circuit Ampacity (MCA)		A	23		27		
Recommended Fuse/Breaker Size		A	25		30		
Maximum Fuse Size		A	30		40		
Refrigerant		Type x original charge		R410A x 26 lbs + 1oz(11.8kg)		R410A x 26 lbs + 1oz(11.8kg)	
		Control		LEV and HIC circuit		LEV and HIC circuit	
Net weight		lbs (kg)	662(300)		662(300)		
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		
Defrost method			Auto-defrost mode (Reversed refrigerant cycle)		Auto-defrost mode (Reversed refrigerant cycle)		
Drawing		External	KB94T909		KB94T909		
		Wiring	KE94C372		KE94C372		
Standard attachment		Document	Installation Manual		Installation Manual		
		Accessory	Details refer to External Drw		Details refer to External Drw		
Optional parts			Joint: CMY-Y102S/L-G2		Joint: CMY-Y102S/L-G2,CMY-Y202-G2		
			Header: CMY-Y104/108/1010-G		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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.				

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
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m³/min x 35.31 lb = kg / 0.4536
Pipe length:	25ft. (7.6m)	25ft. (7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft. (0m)	0ft. (0m)	

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

1. SPECIFICATIONS

Model			PUHY-P168YSJMU-A(-BS)			
Power source			3-phase 3-wire 460V ±10% 60Hz			
Cooling capacity (Nominal) *1		BTU / h	168,000			
		kW	49.2			
	Power input	kW	13.62 *3			
	Current input (208 / 230)	A	18.9 *3			
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)			
	Outdoor	D.B.	23~115°F(-5~46°C) *6			
Heating capacity (Nominal) *2		BTU / h	188,000			
		kW	55.1			
	Power input	kW	14.65 *3			
	Current input (208 / 230)	A	20.4 *3			
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)			
	Outdoor	W.B.	-4~60°F(-20~15.5°C)			
System Compressor Operating Range			8~100%			
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity			
	Model / Quantity		P06~P96 / 1~36			
Sound pressure level (measured in anechoic room)			dB <A> 61.0			
Refrigerant piping diameter from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	5/8"(15.88) Brazed			
	Gas pipe	In. (mm)	1-1/8"(28.58) Brazed			
Set Model						
Model			PUHY-P72YJMU-A(-BS)		PUHY-P96YJMU-A(-BS)	
Fan	Type x Quantity		Propeller fan x 1		Propeller fan x 1	
	Airflow rate	cfm	6,180		6,180	
		m³ / min	175		175	
		L/s	2,920		2,920	
	Control , Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
External static pressure *4		0 in.WG (0 Pa) *4		0 in.WG (0 Pa) *4		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1		Inverter scroll hermetic compressor x 1	
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.		AC&R Works, MITSUBISHI ELECTRIC CORP.	
	Starting method		Inverter		Inverter	
	Case heater	kW	0.035(230 V)		0.045(230 V)	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <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 48-1/16 x 29-15/16	
		mm	1,650 x 920 x 760		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)	
	Compressor / Fan		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
	Inverter		Over-heat protection		Over-heat protection	
	Fan Motor		Thermal switch		Thermal switch	
Minimum Circuit Ampacity (MCA)		A	12		17	
Recommended Fuse/Breaker Size		A	15		20	
Maximum Fuse Size		A	15		25	
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0kg)		R410A x 15 lbs + 7 oz (7.0kg)	
	Control		LEV and HIC circuit			
Net weight		lbs (kg)	474(215)		530(240)	
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	
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	3/8"(9.52)Brazed		3/8"(9.52)Brazed	
	Gas pipe	In. (mm)	3/4"(19.05)Brazed		7/8"(22.2)Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		KB94T910			
	Wiring		KE94C371		KE94C371	
Standard attachment	Document		Installation Manual			
	Accessory		Details refer to External Drw			
Optional parts			Outdoor Twinning kit: CMY-Y100VBK2			
			Joint: CMY-Y102S/L-G2, CMY-Y202-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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.			

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B./ 67degF W.B.	70degF D.B.	kcal =kW x 860
	(26.7degC D.B./ 19.4degC W.B.)	(21.1degC D.B.)	BTU/h =kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B./ 43degF W.B.	cfm =m³/min x 35.31
		(8.3degC D.B./ 6.1degC W.B.)	lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	

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

1. SPECIFICATIONS

Model			PUHY-P192YSJMU-A(-BS)	
Power source			3-phase 3-wire 460V ±10% 60Hz	
Cooling capacity (Nominal) *1		BTU / h	192,000	
		kW	56.3	
	Power input	kW	15.63 *3	
	Current input (208 / 230)	A	21.7 *3	
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)	
	Outdoor	D.B.	23~115°F(-5~46°C) *6	
Heating capacity (Nominal) *2		BTU / h	215,000	
		kW	63.0	
	Power input	kW	16.57 *3	
	Current input (208 / 230)	A	23.1 *3	
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)	
	Outdoor	W.B.	-4~60°F(-20~15.5°C)	
System Compressor Operating Range			6-100%	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model / Quantity		P06~P96 / 1~41	
Sound pressure level (measured in anechoic room)			dB <A>	62.5
Refrigerant piping diameter from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	5/8*(15.88) Brazed	
	Gas pipe	In. (mm)	1-1/8*(28.58) Brazed	
Set Model				
Model			PUHY-P72YJMU-A(-BS)	PUHY-P120YJMU-A(-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 2
	Airflow rate	cfm	6,180	12,010
		m³ / min	175	340
		L/s	2,920	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	External static pressure *4		0 in.WG (0 Pa) *4	0 in.WG (0 Pa) *4
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.	AC&R Works, MITSUBISHI ELECTRIC CORP.
	Starting method		Inverter	Inverter
	Case heater	kW	0.035(230 V)	0.045(230 V)
	Lubricant		MEL32	MEL32
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <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 68-29/32 x 29-15/16
		mm	1,650 x 920 x 760	1,650 x 1,750 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,Over-current protection	Over-heat protection,Over-current protection
	Inverter		Over-heat protection	Over-heat protection
	Fan Motor		Thermal switch	Thermal switch
Minimum Circuit Ampacity (MCA)		A	12	23
Recommended Fuse/Breaker Size		A	15	25
Maximum Fuse Size		A	15	30
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0kg)	R410A x 26 lbs + 1 oz (11.8kg)
	Control		LEV and HIC circuit	
Net weight	lbs (kg)		474(215)	662(300)
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
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	3/8*(9.52)Brazed	1/2*(12.7)Brazed
	Gas pipe	In. (mm)	3/4*(19.05)Brazed	7/8*(22.2)Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94T911	
	Wiring		KE94C371	KE94C372
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y100VBK2	
			Joint: CMY-Y102S/L-G2,CMY-Y202-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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.	

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B.	70degF D.B.	kcal =kW x 860
	(26.7degC D.B. / 19.4degC W.B.)	(21.1degC D.B.)	BTU/h =kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B.	cfm =m³/min x 35.31
		(8.3degC D.B. / 6.1degC W.B.)	lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	

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

1. SPECIFICATIONS

Model			PUHY-P216YSJMU-A(-BS)	
Power source			3-phase 3-wire 460V ±10% 60Hz	
Cooling capacity (Nominal) *1		BTU / h	216,000	
		kW	63.3	
	Power input	kW	18.39 *3	
	Current input (208 / 230)	A	25.6 *3	
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)	
	Outdoor	D.B.	23~115°F(-5~46°C) *6	
Heating capacity (Nominal) *2		BTU / h	243,000	
		kW	71.2	
	Power input	kW	19.52 *3	
	Current input (208 / 230)	A	27.2 *3	
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)	
	Outdoor	W.B.	-4~60°F(-20~15.5°C)	
System Compressor Operating Range			9-100%	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model / Quantity		P06~P96 / 2~46	
Sound pressure level (measured in anechoic room)			dB <A>	
			62.5	
Refrigerant piping diameter from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	5/8"(15.88) Brazed	
	Gas pipe	In. (mm)	1-1/8"(28.58) Brazed	
Set Model				
Model			PUHY-P96YJMU-A(-BS)	
Fan	Type x Quantity		Propeller fan x 1	
	Airflow rate	cfm	6,180	
		m³ / min	175	
		L/s	2,920	
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	
	External static pressure *4		0 in.WG (0 Pa) *4	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.	
	Starting method		Inverter	
	Case heater	kW	0.045(230 V)	
	Lubricant		MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D			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)	
	Compressor / Fan		Over-heat protection, Over-current protection	
	Inverter		Over-heat protection	
	Fan Motor		Thermal switch	
Minimum Circuit Ampacity (MCA)		A	17	
Recommended Fuse/Breaker Size		A	20	
Maximum Fuse Size		A	25	
Refrigerant	Type x original charge		R410A x 15 lbs + 7 oz (7.0kg)	
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	530(240)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			Salt-resistant cross fin & copper tube	
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	3/8"(9.52)Brazed	
	Gas pipe	In. (mm)	7/8"(22.2)Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94T912	
	Wiring		KE94C371	
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y100VBK2	
			Joint: CMY-Y102S/L-G2,CMY-Y202-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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.	

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B.	70degF D.B.	kcal =kW x 860
	(26.7degC D.B. / 19.4degC W.B.)	(21.1degC D.B.)	BTU/h =kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B.	cfm =m³/min x 35.31
		(8.3degC D.B. / 6.1degC W.B.)	lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	

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

1. SPECIFICATIONS

Model			PUHY-P240YSJMU-A(-BS)	
Power source			3-phase 3-wire 460V ±10% 60Hz	
Cooling capacity (Nominal) *1		BTU / h	240,000	
		kW	70.3	
	Power input	kW	20.39 *3	
	Current input (208 / 230)	A	28.4 *3	
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)	
	Outdoor	D.B.	23~115°F(-5~46°C) *6	
Heating capacity (Nominal) *2		BTU / h	270,000	
		kW	79.1	
	Power input	kW	21.44 *3	
	Current input (208 / 230)	A	29.8 *3	
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)	
	Outdoor	W.B.	-4~60°F(-20~15.5°C)	
System Compressor Operating Range			8~100%	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model / Quantity		P06~P96 / 2~50	
Sound pressure level (measured in anechoic room)			dB <A>	
			63.0	
Refrigerant piping diameter from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	5/8"(15.88) Brazed	
	Gas pipe	In. (mm)	1-1/8"(28.58) Brazed	
Set Model				
Model			PUHY-P120YJMU-A(-BS)	
Fan	Type x Quantity		Propeller fan x 2	
	Airflow rate	cfm	12,010	
		m³ / min	340	
		L/s	5,670	
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	
External static pressure *4		0 in.WG (0 Pa) *4		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.	
	Starting method		Inverter	
	Case heater	kW	0.045(230 V)	
	Lubricant		MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D			64-31/32 x 68-29/32 x 29-15/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601 psi)	
	Compressor / Fan		Over-heat protection,Over-current protection	
	Inverter		Over-heat protection	
	Fan Motor		Thermal switch	
Minimum Circuit Ampacity (MCA)		A	23	
Recommended Fuse/Breaker Size		A	25	
Maximum Fuse Size		A	30	
Refrigerant	Type x original charge		R410A x 26 lbs + 1 oz (11.8kg)	
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	662(300)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe,tube-in-tube structure	
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	1/2"(12.7)Brazed	
	Gas pipe	In. (mm)	7/8"(22.2)Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94T913	
	Wiring		KE94C372	
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y100VBK2	
			Joint: CMY-Y102S/L-G2,CMY-Y202-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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.	

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
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm = m³/min x 35.31 lb = kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	

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

1. SPECIFICATIONS

Model			PUHY-P264YSJMU-A(-BS)			
Power source			3-phase 3-wire 460V ±10% 60Hz			
Cooling capacity (Nominal) *1		BTU / h	264,000			
		kW	77.4			
	Power input	kW	22.99 *3			
	Current input (208 / 230)	A	32.0 *3			
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)			
	Outdoor	D.B.	23~115°F(-5~46°C) *6			
Heating capacity (Nominal) *2		BTU / h	295,000			
		kW	86.5			
	Power input	kW	24.19 *3			
	Current input (208 / 230)	A	33.7 *3			
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)			
	Outdoor	W.B.	-4~60°F(-20~15.5°C)			
System Compressor Operating Range			7~100%			
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity			
	Model / Quantity		P06~P96 / 2~50			
Sound pressure level (measured in anechoic room)			dB <A> 63.5			
Refrigerant piping diameter from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	3/4"(19.05) Brazed			
	Gas pipe	In. (mm)	1-3/8"(34.93) Brazed			
Set Model						
Model			PUHY-P120YJMU-A(-BS)		PUHY-P144YJMU-A(-BS)	
Fan	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Airflow rate	cfm	12,010		12,010	
		m³ / min	340		340	
		L/s	5,670		5,670	
	Control , Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
External static pressure *4		0 in.WG (0 Pa) *4		0 in.WG (0 Pa) *4		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1		Inverter scroll hermetic compressor x 1	
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.		AC&R Works, MITSUBISHI ELECTRIC CORP.	
	Starting method		Inverter		Inverter	
	Case heater	kW	0.045(230 V)		0.045(230 V)	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D		In.	64-31/32 x 68-29/32 x 29-15/16		64-31/32 x 68-29/32 x 29-15/16	
		mm	1,650 x 1,750 x 760		1,650 x 1,750 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, Over-current protection		Over-heat protection, Over-current protection	
	Inverter		Over-heat protection		Over-heat protection	
	Fan Motor		Thermal switch		Thermal switch	
Minimum Circuit Ampacity (MCA)		A	23		27	
Recommended Fuse/Breaker Size		A	25		30	
Maximum Fuse Size		A	30		40	
Refrigerant	Type x original charge		R410A x 26 lbs + 1 oz (11.8kg)		R410A x 26 lbs + 1 oz (11.8kg)	
	Control		LEV and HIC circuit			
Net weight		lbs (kg)	662(300)		662(300)	
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	
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	1/2"(12.7)Brazed		1/2"(12.7)Brazed	
	Gas pipe	In. (mm)	7/8"(22.2)Brazed		1-1/8"(28.58)Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		KB94T913			
	Wiring		KE94C372		KE94C372	
Standard attachment	Document		Installation Manual			
	Accessory		Details refer to External Drw			
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2			
			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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.			

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
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm =m³/min x 35.31 lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	

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

1. SPECIFICATIONS

Model			PUHY-P288YSJMU-A(-BS)	
Power source			3-phase 3-wire 460V ±10% 60Hz	
Cooling capacity (Nominal) *1		BTU / h	288,000	
		kW	84.4	
	Power input	kW	25.59 *3	
	Current input (208 / 230)	A	35.6 *3	
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)	
	Outdoor	D.B.	23~115°F(-5~46°C) *6	
Heating capacity (Nominal) *2		BTU / h	320,000	
		kW	93.8	
	Power input	kW	26.94 *3	
	Current input (208 / 230)	A	37.5 *3	
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)	
	Outdoor	W.B.	-4~60°F(-20~15.5°C)	
System Compressor Operating Range			7-100%	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model / Quantity		P06~P96 / 2~50	
Sound pressure level (measured in anechoic room)		dB <A>	64.0	
Refrigerant piping diameter from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	3/4"(19.05) Brazed	
	Gas pipe	In. (mm)	1-3/8"(34.93) Brazed	
Set Model				
Model		PUHY-P144YJMU-A(-BS)		PUHY-P144YJMU-A(-BS)
Fan	Type x Quantity		Propeller fan x 2	
	Airflow rate	cfm	12,010	
		m³ / min	340	
		L/s	5,670	
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	
External static pressure *4		0 in.WG (0 Pa) *4		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.	
	Starting method		Inverter	
	Case heater	kW	0.045(230 V)	
	Lubricant		MEL32	
External finish		Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <MUNSELL 5Y 8/1 or similar>		
External dimension H x W x D		In.	64-31/32 x 68-29/32 x 29-15/16	
		mm	1,650 x 1,750 x 760	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601 psi)	
	Compressor / Fan		Over-heat protection, Over-current protection	
	Inverter		Over-heat protection	
	Fan Motor		Thermal switch	
Minimum Circuit Ampacity (MCA)		A	27	
Recommended Fuse/Breaker Size		A	30	
Maximum Fuse Size		A	40	
Refrigerant	Type x original charge		R410A x 26 lbs + 1 oz (11.8kg)	
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	662(300)	
Heat exchanger		Salt-resistant cross fin & copper tube		
HIC circuit (HIC: Heat Inter-Changer)		Copper pipe, tube-in-tube structure		
Refrigerant piping diameter from Module to Twinning Kit	Liquid pipe	In. (mm)	1/2"(12.7)Brazed	
	Gas pipe	In. (mm)	1-1/8"(28.58)Brazed	
Defrosting method		Auto-defrost mode (Reversed refrigerant cycle)		
Drawing	External		KB94T913	
	Wiring		KE94C372	
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2	
			Joint: CMY-Y102S/L-G2, CMY-Y202-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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.		

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
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B. (8.3degC D.B. / 6.1degC W.B.)	cfm =m³/min x 35.31 lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	

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

1. SPECIFICATIONS

Model			PUHY-P312YSJMU-A(-BS)		
Power source			3-phase 3-wire 460V ±10% 60Hz		
Cooling capacity (Nominal) *1		BTU / h	312,000		
		kW	91.4		
		Power input	kW		
		Current input (208/230)	A		
Temp. range of cooling		Indoor	W.B.		
		Outdoor	D.B.		
Heating capacity (Nominal) *2		BTU / h	350,000		
		kW	102.6		
		Power input	kW		
		Current input (208/230)	A		
Temp. range of heating		Indoor	D.B.		
		Outdoor	W.B.		
System Compressor Operating Range			4~100%		
Indoor unit connectable		Total capacity	50~130% of outdoor unit capacity		
		Model / Quantity	P06~P96 / 2~50		
Sound pressure level (measured in anechoic room)		dB <A>	64.5		
Refrigerant piping Dia. from Twinning Kit to Indoor Units		Liquid pipe	In. (mm)		
		Gas pipe	In. (mm)		
Set Model					
Model			PUHY-P72YJMU-A(-BS)	PUHY-P120YJMU-A(-BS)	PUHY-P120YJMU-A(-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	6,180	12,010	12,010
		m³ / min	175	340	340
		L/s	2,920	5,670	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control,Direct-driven by motor
External static pressure *4		0 in.WG (0 Pa) *4	0 in.WG (0 Pa) *4	0 in.WG (0 Pa) *4	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORP.		
	Starting method		Inverter	Inverter	Inverter
	Case heater	kW	0.035(230 V)	0.045(230 V)	0.045(230 V)
	Lubricant		MEL32	MEL32	MEL32
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <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 68-29/32 x 29-15/16	64-31/32 x 68-29/32 x 29-15/16
		mm	1,650 x 920 x 760	1,650 x 1,750 x 760	1,650 x 1,750 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,Over-current protection	Over-heat protection,Over-current protection	Over-heat protection,Over-current protection
	Inverter		Over-heat protection	Over-heat protection	Over-heat protection
	Fan Motor		Thermal switch	Thermal switch	Thermal switch
Minimum Circuit Ampacity (MCA)		A	12	23	23
Recommended Fuse/Breaker Size		A	15	25	25
Maximum Fuse Size		A	15	30	30
Refrigerant		Type x original charge	R410A x 19 lbs + 13 oz (9.0kg)	R410A x 26 lbs + 1oz(11.8kg)	R410A x 26 lbs + 1oz(11.8kg)
		Control	LEV and HIC circuit		
Net weight		lbs (kg)	474(215)	662(300)	662(300)
Heat exchanger			Salt-resistant cross fin & copper tube	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	Copper pipe, tube-in-tube structure
Refrigerant piping diameter from Module to Twinning Kit		Liquid pipe	In. (mm)	3/8"(9.52)Brazed	1/2"(12.7)Brazed
		Gas pipe	In. (mm)	3/4"(19.05)Brazed	7/8"(22.2)Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)		
Drawing		External	KB94T914		
		Wiring	KE94C371	KE94C372	KE94C372
Standard attachment		Document	Installation Manual		
		Accessory	Details refer to External Drw		
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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.		

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B.	70degF D.B.	kcal =kW x 860
	(26.7degC D.B. / 19.4degC W.B.)	(21.1degC D.B.)	BTU/h =kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B.	cfm =m³/min x 35.31
		(8.3degC D.B. / 6.1degC W.B.)	lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	

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

1. SPECIFICATIONS

Model			PUHY-P336YSJMU-A(-BS)		
Power source			3-phase 3-wire 460V ±10% 60Hz		
Cooling capacity (Nominal) *1		BTU / h	336,000		
		kW	98.5		
	Power input	kW	28.58 *3		
	Current input (208/230)	A	39.8 *3		
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)		
	Outdoor	D.B.	23~115°F(-5~46°C) *6		
Heating capacity (Nominal) *2		BTU / h	378,000		
		kW	110.8		
	Power input	kW	30.24 *3		
	Current input (208/230)	A	42.1 *3		
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)		
	Outdoor	W.B.	-4~60°F(-20~15.5°C)		
System Compressor Operating Range			7~100%		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity		
	Model / Quantity		P06~P96 / 2~50		
Sound pressure level (measured in anechoic room)		dB <A>	64.5		
Refrigerant piping Dia. from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	3/4"(19.05) Brazed		
	Gas pipe	In. (mm)	1-5/8"(41.28) Brazed		
Set Model					
Model			PUHY-P96YJMU-A(-BS)	PUHY-P120YJMU-A(-BS)	PUHY-P120YJMU-A(-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	6,180	12,010	12,010
		m³ / min	175	340	340
		L/s	2,920	5,670	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
External static pressure *4		0 in.WG (0 Pa) *4	0 in.WG (0 Pa) *4	0 in.WG (0 Pa) *4	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORPORATION		
	Starting method		Inverter	Inverter	Inverter
	Case heater	kW	0.045(230 V)	0.045(230 V)	0.045(230 V)
	Lubricant		MEL32	MEL32	MEL32
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <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	64-31/32 x 68-29/32 x 29-15/16	64-31/32 x 68-29/32 x 29-15/16
		mm	1,650 x 1,220 x 760	1,650 x 1,750 x 760	1,650 x 1,750 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, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Inverter		Over-heat protection	Over-heat protection	Over-heat protection
	Fan Motor		Thermal switch	Thermal switch	Thermal switch
Minimum Circuit Ampacity (MCA)		A	17	23	23
Recommended Fuse/Breaker Size		A	20	25	25
Maximum Fuse Size		A	25	30	30
Refrigerant	Type x original charge		R410A x 15 lbs + 7 oz (7.0kg)	R410A x 26 lbs + 1oz(11.8kg)	R410A x 26 lbs + 1oz(11.8kg)
	Control		LEV and HIC circuit		
Net weight		lbs (kg)	530(240)	662(300)	662(300)
Heat exchanger			Salt-resistant cross fin & copper tube	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	Copper pipe, tube-in-tube structure
Refrigerant piping diameter from Module to Twinning Kit	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		KB94T915		
	Wiring		KE94C371	KE94C372	KE94C372
Standard attachment	Document		Installation Manual		
	Accessory		Details refer to External Drw		
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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.		

Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B./ 67degF W.B.	70degF D.B.	kcal =kW x 860
	(26.7degC D.B./ 19.4degC W.B.)	(21.1degC D.B.)	BTU/h =kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B./ 43degF W.B.	cfm =m³/min x 35.31
		(8.3degC D.B./ 6.1degC W.B.)	lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	
* Due to continuing improvement, above specifications may be subject to change without notice.			

1. SPECIFICATIONS

Model			PUHY-P360YSJMU-A(-BS)		
Power source			3-phase 3-wire 460V ±10% 60Hz		
Cooling capacity (Nominal) *1	BTU / h		360,000		
	kW		105.5		
	Power input	kW	31.18 *3		
	Current input (208/230)	A	43.4 *3		
Temp. range of cooling	Indoor	W.B.	59~75°F(15~24°C)		
	Outdoor	D.B.	23~115°F(-5~46°C) *6		
Heating capacity (Nominal) *2	BTU / h		403,000		
	kW		118.1		
	Power input	kW	32.99 *3		
	Current input (208/230)	A	46.0 *3		
Temp. range of heating	Indoor	D.B.	59~81°F(15~27°C)		
	Outdoor	W.B.	-4~60°F(-20~15.5°C)		
System Compressor Operating Range			6~100%		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity		
	Model / Quantity		P06~P96 / 2~50		
Sound pressure level (measured in anechoic room)		dB <A>	65.0		
Refrigerant piping Dia. from Twinning Kit to Indoor Units	Liquid pipe	In. (mm)	3/4"(19.05) Brazed		
	Gas pipe	In. (mm)	1-5/8"(41.28) Brazed		
Set Model					
Model			PUHY-P96YJMU-A(-BS)	PUHY-P120YJMU-A(-BS)	PUHY-P144YJMU-A(-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	6,180	12,010	12,010
		m³ / min	175	340	340
		L/s	2,920	5,670	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	External static pressure *4		0 in.WG (0 Pa) *4	0 in.WG (0 Pa) *4	0 in.WG (0 Pa) *4
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacturer		AC&R Works, MITSUBISHI ELECTRIC CORPORATION		
	Starting method		Inverter	Inverter	Inverter
	Case heater	kW	0.045(230 V)	0.045(230 V)	0.045(230 V)
	Lubricant		MEL32	MEL32	MEL32
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) *5 <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	64-31/32 x 68-29/32 x 29-15/16	64-31/32 x 68-29/32 x 29-15/16
		mm	1,650 x 1,220 x 760	1,650 x 1,750 x 760	1,650 x 1,750 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, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Inverter		Over-heat protection	Over-heat protection	Over-heat protection
	Fan Motor		Thermal switch	Thermal switch	Thermal switch
Minimum Circuit Ampacity (MCA)		A	17	23	27
Recommended Fuse/Breaker Size		A	20	25	30
Maximum Fuse Size		A	25	30	40
Refrigerant	Type x original charge		R410A x 15 lbs + 7 oz (7.0kg)	R410A x 26 lbs + 1oz(11.8kg)	R410A x 26 lbs + 1oz(11.8kg)
	Control		LEV and HIC circuit		
Net weight		lbs (kg)	530(240)	662(300)	662(300)
Heat exchanger			Salt-resistant cross fin & copper tube	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	Copper pipe, tube-in-tube structure
Refrigerant piping diameter from Module to Twinning Kit	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	1-1/8"(28.58)Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)		
Drawing	External		KB94T915		
	Wiring		KE94C371	KE94C372	KE94C372
Standard attachment	Document		Installation Manual		
	Accessory		Details refer to External Drw		
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. *3 For details on the electrical data needed for installing these units, see the Y-Series System Design section. *4 External static pressure is adjustable via dipswitch setting (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa). *5 For information on standard anti-corrosion protection and -BS treatment, see the Y-Series System Design section. *6 For details on extended ambient cooling operation range down to -10°FDB (-23°CDB), see Low Ambient Cooling Kit information.		

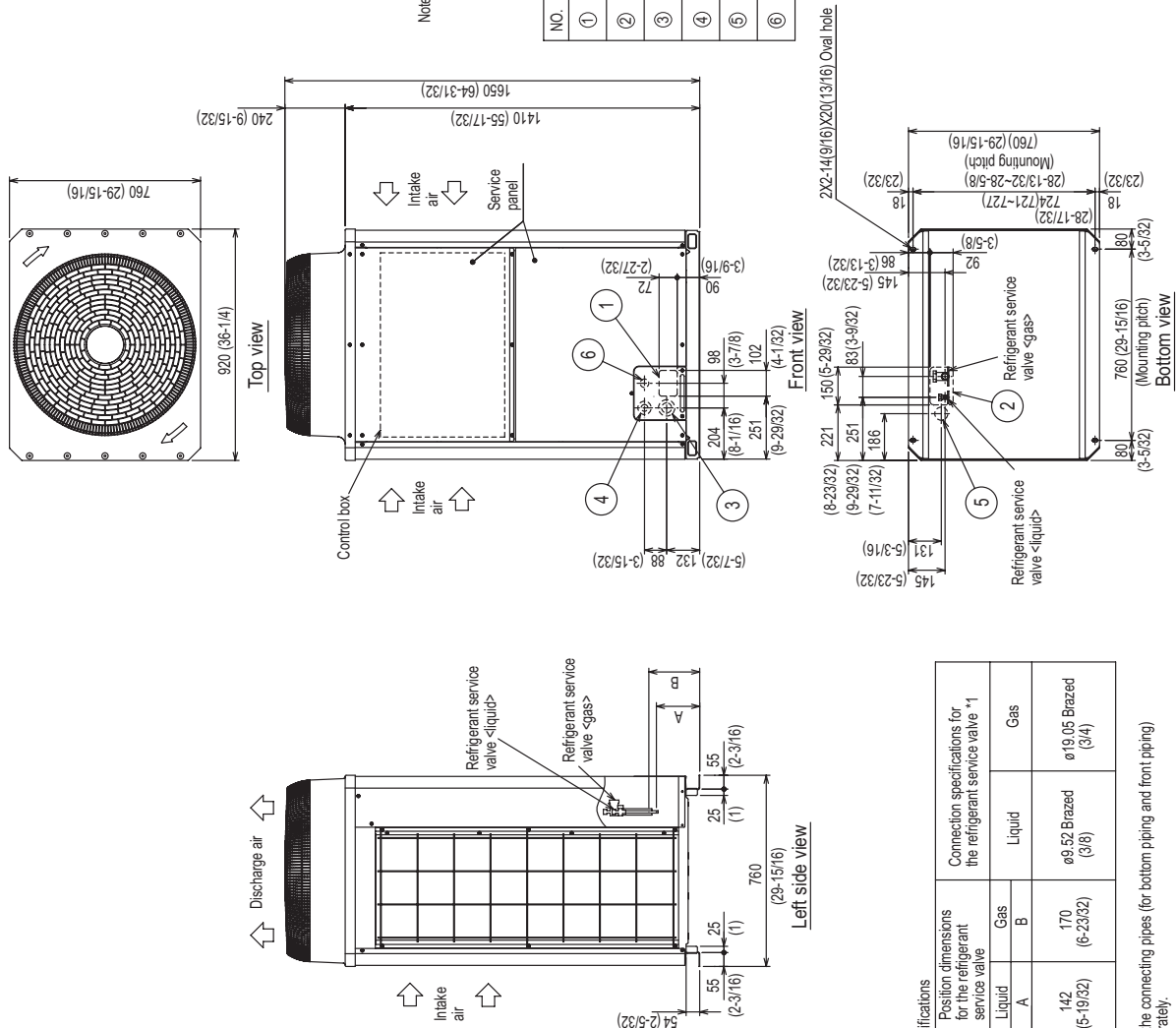
Note:	*1 Nominal cooling conditions	*2 Nominal heating conditions	Unit converter
Indoor:	80degF D.B. / 67degF W.B.	70degF D.B.	kcal =kW x 860
	(26.7degC D.B. / 19.4degC W.B.)	(21.1degC D.B.)	BTU/h =kW x 3,412
Outdoor:	95degF D.B. (35degC D.B.)	47degF D.B. / 43degF W.B.	cfm =m³/min x 35.31
		(8.3degC D.B. / 6.1degC W.B.)	lb =kg / 0.4536
Pipe length:	25ft.(7.6m)	25ft.(7.6m)	* Above specification data is subject to rounding variation.
Level difference:	0ft.(0m)	0ft.(0m)	

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

2. EXTERNAL DIMENSIONS

PUHY-P72TJMU-A(-BS)

Unit : mm(in.)



NO.	Usage	Specifications
①	Front through hole	102 X 72 Knockout hole (4-1/32) (2-27/32)
②	Bottom through hole	130 X 92 Knockout hole (5-29/32) (3-5/8)
③	Front through hole	ø62.7 or ø34.5 Knockout hole (2-15/32) (1-3/8)
④	Front through hole	ø43.7 or ø22.2 Knockout hole (1-3/4) (7/8)
⑤	Bottom through hole	ø52 Knockout hole (2-1/16)
⑥	Front through hole	ø34 Knockout hole (1-1/32)

Model	Position dimensions for the refrigerant service valve *1		Connection specifications for the refrigerant service valve *1	
	Liquid	Gas	Liquid	Gas
PUHY-P72TJMU	142 (5-19/32)	170 (6-23/32)	ø9.52 Brazed (3/8)	ø19.05 Brazed (3/4)

*1 Connect by using the connecting pipes (for bottom piping and front piping) that are sold separately.

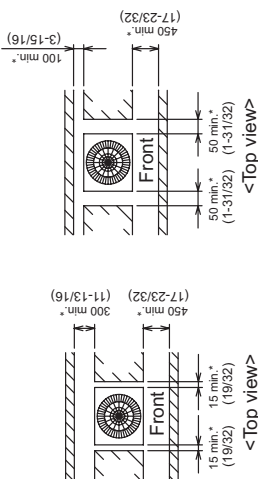
PUHY-P72TJMU-A-(BS)

Unit : mm(in.)

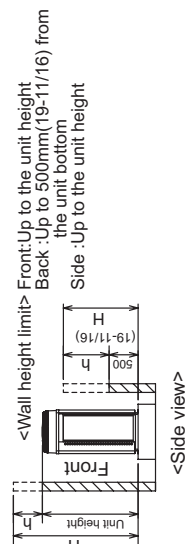
1. Required space around the unit

● In case of single installation

- Secure enough space around the unit as shown in the figure below.
 - With a space of at least 300mm(11-13/16) to the wall on the back of the unit



- When the height of the walls on the front, back or on the sides <H> exceeds the wall height limit as defined below, add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.



2. Foundation work

- Take into consideration the surface strength, water drainage route, piping route, and wiring route when preparing the installation site.
 - Note that the drain water comes out of the unit during operation.
- Build the foundation in such way that the corner of the installation leg is securely supported as shown in the right figure. (Fig.A)
 - When using a rubber isolating cushion, please ensure it is large enough to cover the entire width of each of the unit's legs.
- The protrusion length of the anchor bolt must not exceed 30mm(1-3/16). (Fig.A)
- Use four fixing plates as shown in the right figure <field supply required> when using post-installed anchor bolts. (Fig.B)
 - To prevent small animals and water and snow from entering the unit and damaging its parts, close the gap around the edges of through holes for pipes and wires with filler plates <field supply required>.
- When the pipes or cables are routed at the bottom of the unit, make sure that the through hole at the base of the unit does not get blocked with the installation base.
- Refer to the Installation Manual when installing units on an installation base.

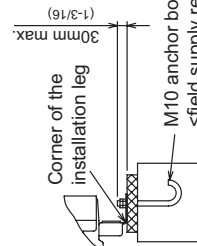


Fig.A

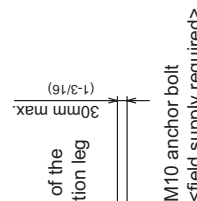
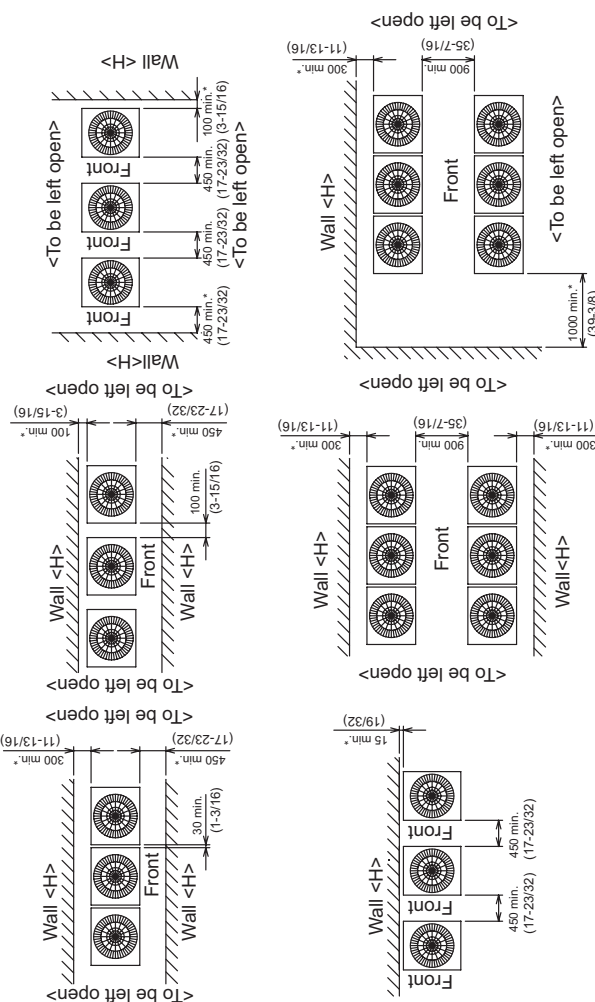


Fig.B

● In case of collective installation

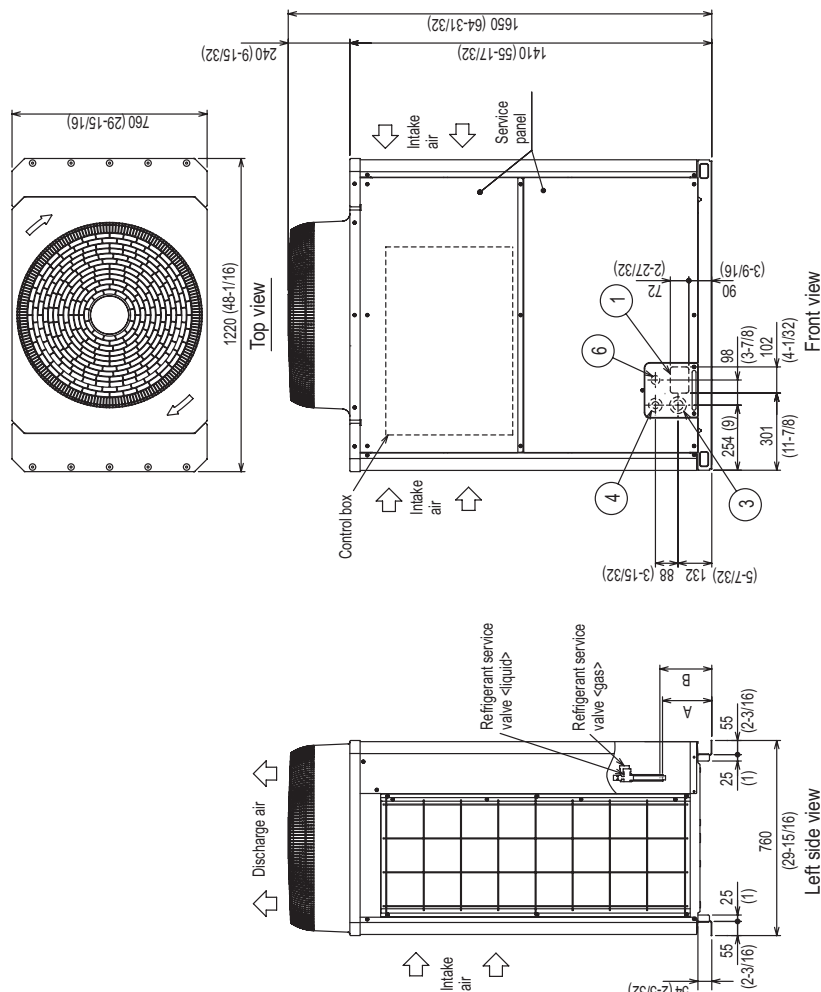
- When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.
- At least two sides must be left open.
- As with the single installation, add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.
- If there is a wall at both the front and the rear of the unit, install up to six units consecutively in the side direction and provide a space of 39-3/8 in. (1000mm) or more as inlet space/ passage space for each six units.



2. EXTERNAL DIMENSIONS

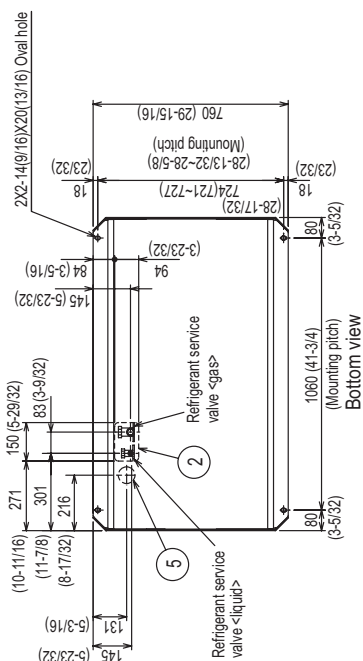
PUHY-P96TJMU-A(-BS)

Unit : mm(in.)



2. At brazing of pipes wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

NO.	Usage	Specifications
①	Front through hole	102 X 72 Knockout hole (4-1/32) (2-27/32)
②	Bottom through hole	150 X 94 Knockout hole (5-29/32) (3-23/32)
③	Front through hole	ø62.7 or ø34.5 Knockout hole (2-15/32) (1-3/8)
④	Front through hole	ø43.7 or ø22.2 Knockout hole (1-3/4) (7/8)
⑤	Bottom through hole	ø65 Knockout hole (2-9/16)
⑥	For transmission cables	ø34 Knockout hole (1-11/32)



Connecting pipe specifications					
Model	Position dimensions for the refrigerant service valve		Connection specifications for the refrigerant service valve *1		
	Liquid	Gas	Liquid	Gas	
PUH-Y/P6TJMU	158 (6-1/4)	172 (6-25/32)	ø9.52 Braze (3/8)	ø22.2 Braze (7/8)	
			ø12.7 Braze (1/2)	ø12.7 Braze (1/2)	

*1 Connect by using the connecting pipes (for bottom piping and front piping)

*2 Total length $\geq 90\text{m}(295\text{ft})$

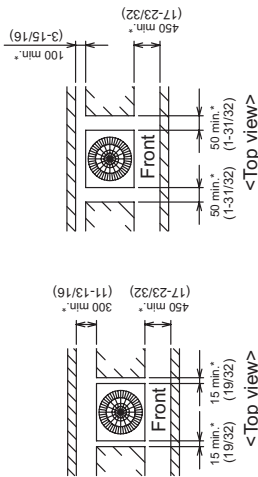
PUHY-P96TJMU-A-(BS)

Unit : mm(in.)

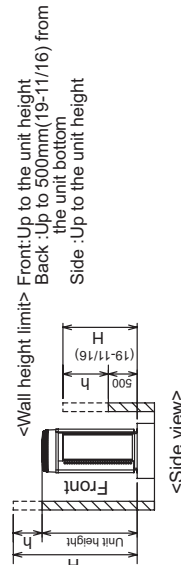
1.Required space around the unit

● In case of single installation

- Secure enough space around the unit as shown in the figure below.
 • With a space of at least 300mm(11-13/16) to the wall on the back of the unit



- When the height of the walls on the front, back or on the sides<H> exceeds the wall height limit as defined below add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.



2.Foundation work

- Take into consideration the surface strength, water drainage route, piping route, and wiring route when preparing the installation site.
 <Note that the drain water comes out of the unit during operation.>
- Build the foundation in such way that the corner of the installation leg is securely supported as shown in the right figure (Fig.A)
- When using a rubber isolating cushion, please ensure it is large enough to cover the entire width of each of the unit's legs.
- The protrusion length of the anchor bolt must not exceed 30mm(1-3/16). (Fig.A)
- Use four fixing plates as shown in the right figure <field supply required>
- When using post-installed anchor bolts. (Fig.B)
- To prevent small animals and water and snow from entering the unit and damaging its parts, close the gap around the edges of through holes for pipes and wires with filler plates <field supply required>
- When the pipes or cables are routed at the bottom of the unit, make sure that the through hole at the base of the unit does not get blocked with the installation base.
- Refer to the Installation Manual when installing units on an installation base.

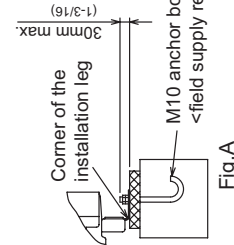


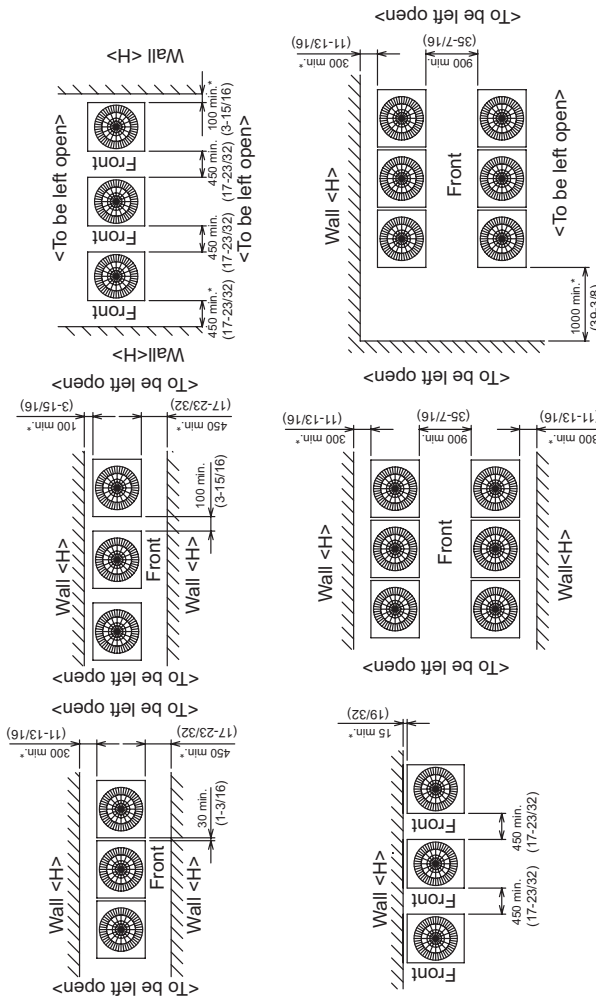
Fig.A



Fig.B

● In case of collective installation

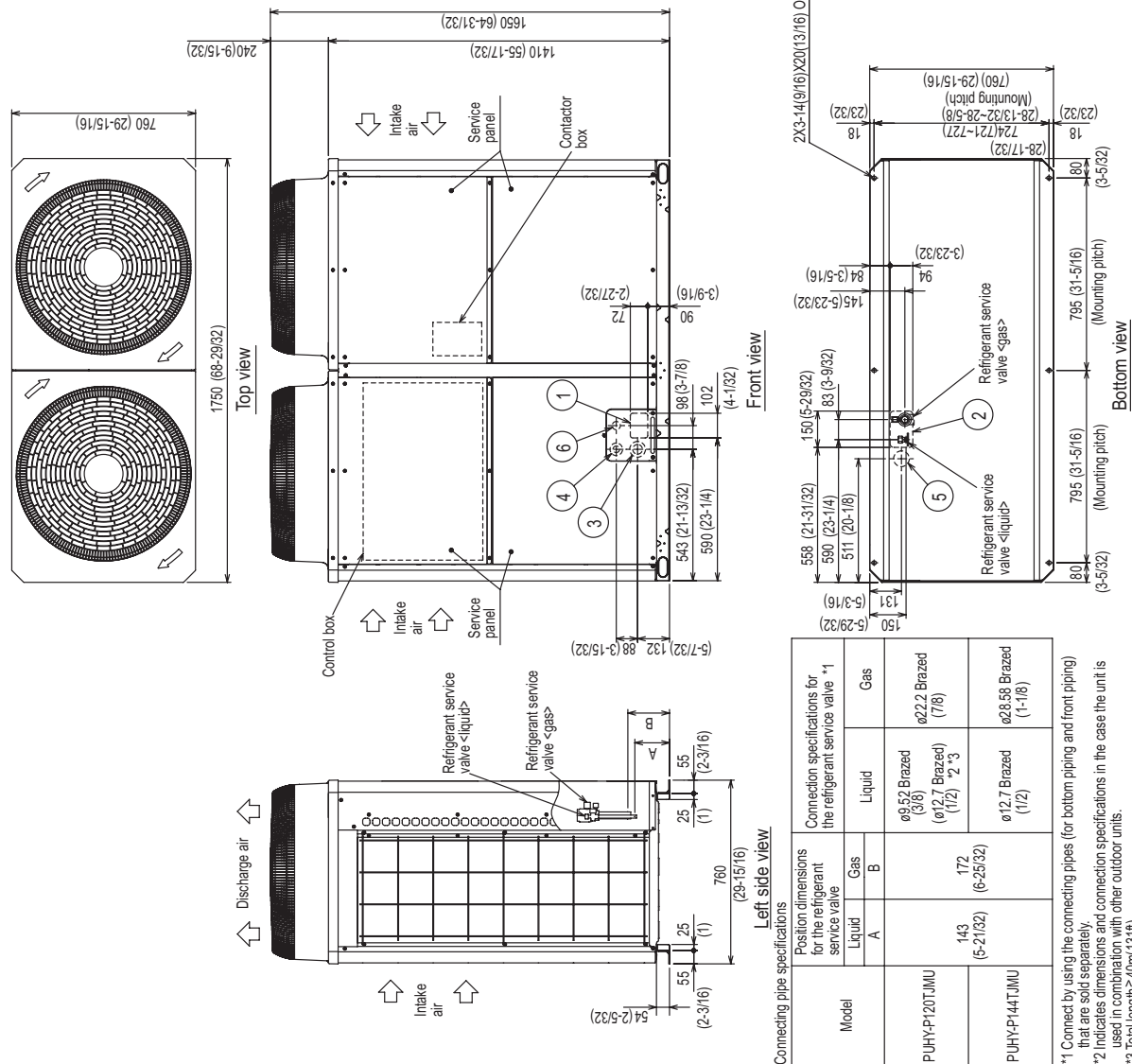
- When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.
- At least two sides must be left open.
- As with the single installation, add the height that exceeds the height limit<h> to the figures that are marked with an asterisk.
- If there is a wall at both the front and the rear of the unit, install up to six units consecutively in the side direction and provide a space of 39-3/8 in. (1000mm) or more as inlet space/ passage space for each six units.



2. EXTERNAL DIMENSIONS

PUHY-P120,144TJMU-A(-BS)

Unit : mm(in.)

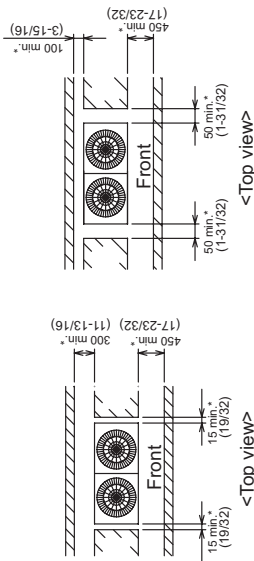


PUHY-P120,144TJMU-A(-BS)

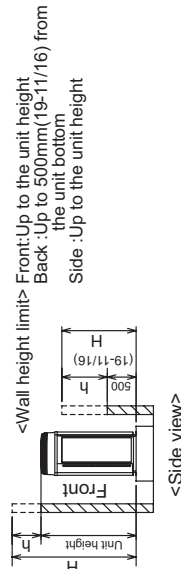
1. Required space around the unit

● In case of single installation

- Secure enough space around the unit as shown in the figure below.
 - With a space of at least 300mm(11-13/16) to the wall on the back of the unit



- When the height of the walls on the front, back or on the sides <H> exceeds the wall height limit as defined below add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.



2. Foundation work

- Take into consideration the surface strength, water drainage route, piping route, and wiring route when preparing the installation site.
 - Note that the drain water comes out of the unit during operation.
- Build the foundation in such way that the corner of the installation leg is securely supported as shown in the right figure (Fig.A)
 - When using a rubber isolating cushion, please ensure it is large enough to cover the entire width of each of the unit's legs.
- The protrusion length of the anchor bolt must not exceed 30mm(1-3/16). (Fig.A)
- Use four fixing plates as shown in the right figure <field supply required> when using post-installed anchor bolts. (Fig.B)
- To prevent small animals and water and snow from entering the unit and damaging its parts, close the gap around the edges of through holes for pipes and wires with filler plates <field supply required>
- When the pipes or cables are routed at the bottom of the unit, make sure that the through hole at the base of the unit does not get blocked with the installation base.
- Refer to the Installation Manual when installing units on an installation base.

● In case of collective installation

- When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.
- At least two sides must be left open.
- As with the single installation, add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.
- If there is a wall at both the front and the rear of the unit, install up to three units consecutively in the side direction and provide a space of 39-38 in. (1000mm) or more as inlet space/ passage space for each three units.

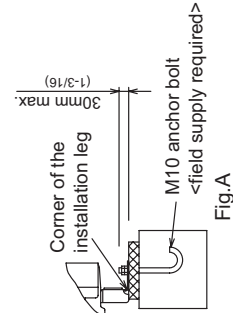
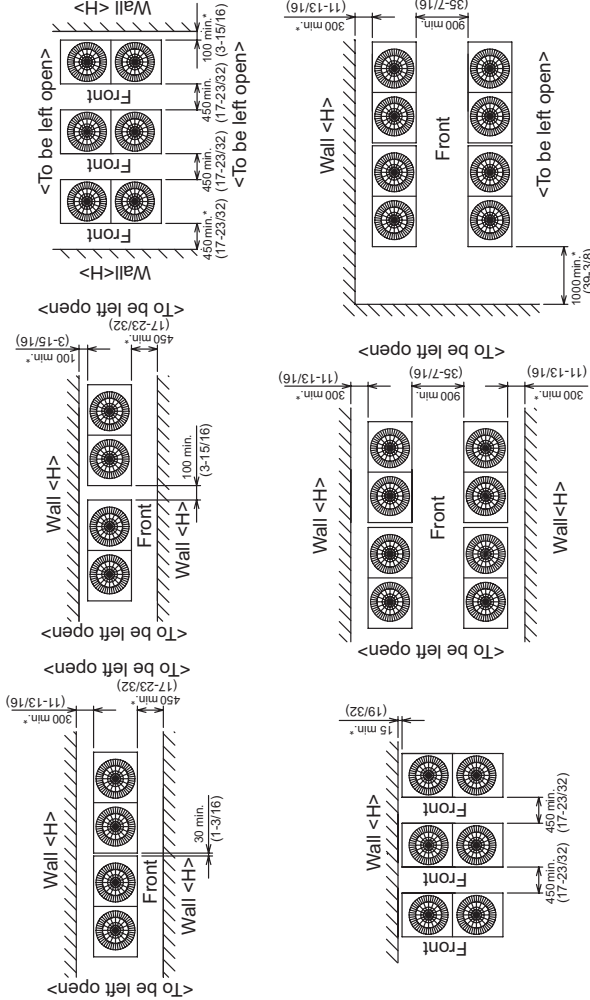


Fig.A

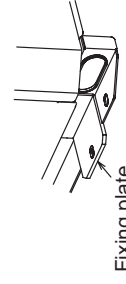
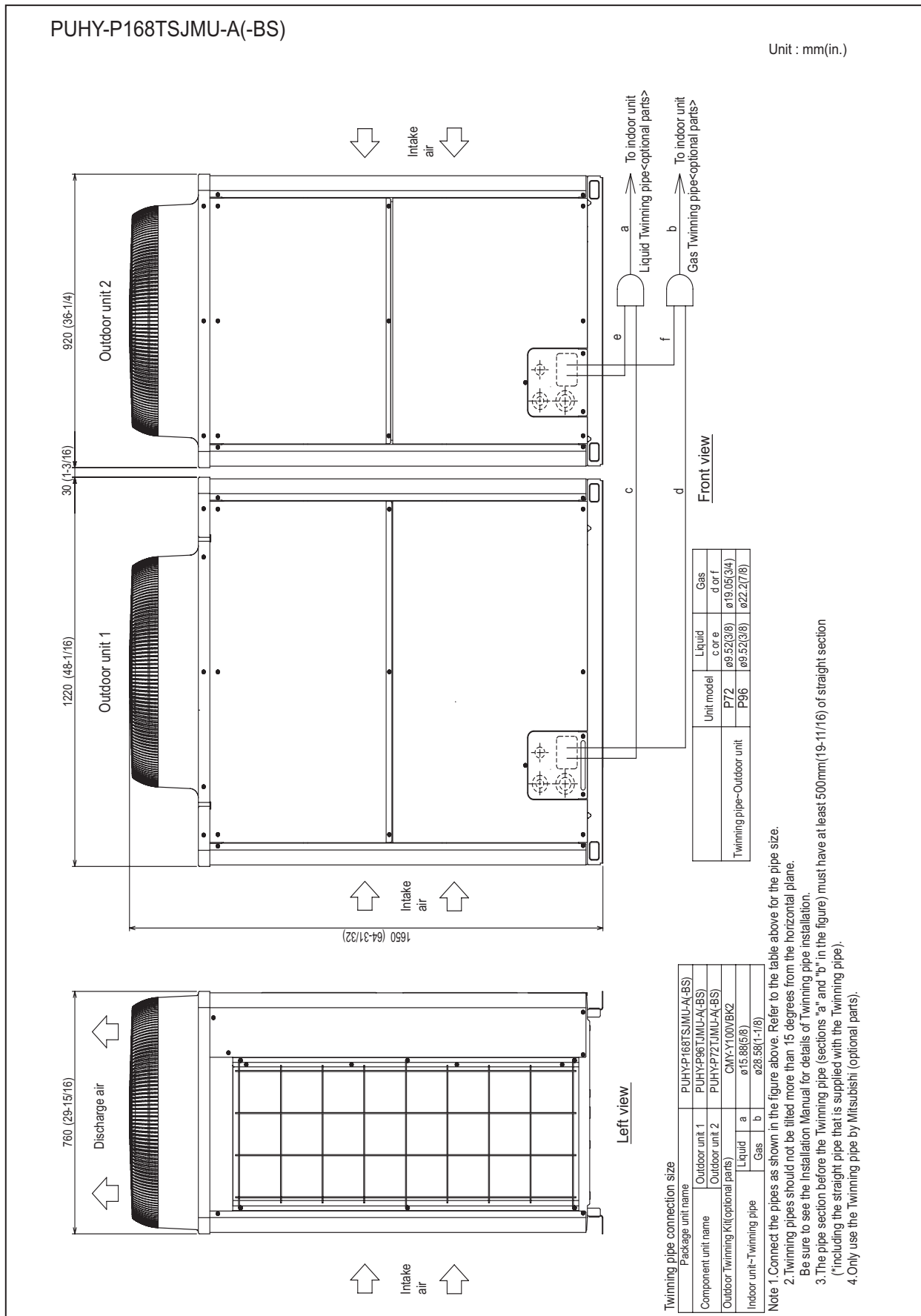


Fig.B

Unit : mm(.in.)

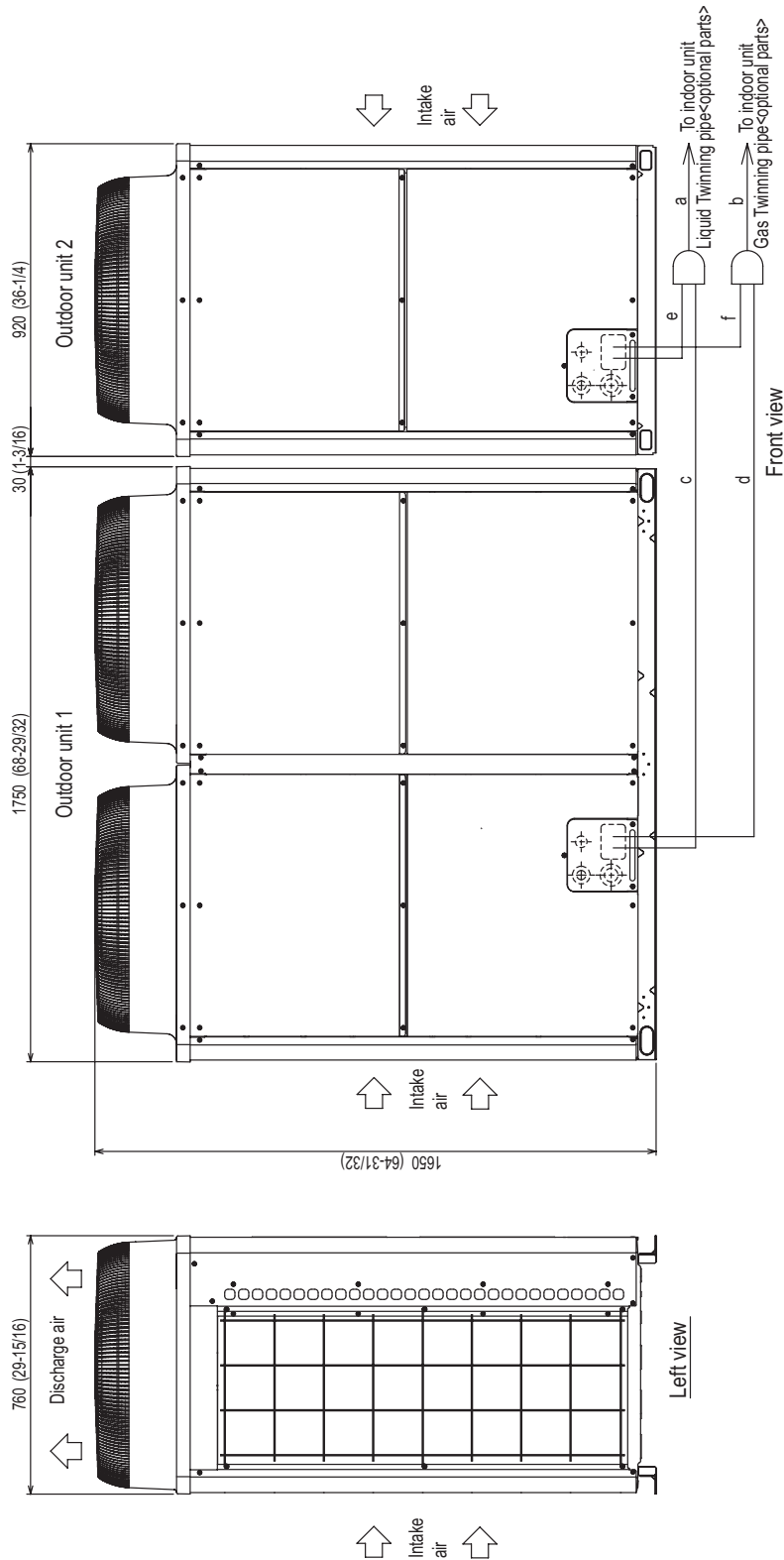
2. EXTERNAL DIMENSIONS



2. EXTERNAL DIMENSIONS

PUHY-P192TSJMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

Package unit name	PUHY-P192TSJMU-A(-BS)
Component unit name	Outdoor unit 1 Outdoor unit 2 Outdoor Twinning Kit(optional parts)
Indoor unit-Twinning pipe	Liquid a Gas b
	CMY-Y100VBK2 ø15.88(5/8) ø28.58(1-1/8)

Unit model	Liquid	Gas
P72	c or e ø9.52(3/8)	d or f ø19.05(3/4)
P120	ø12.7(1/2)	ø22.2(7/8)

Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.

2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.

Be sure to see the Installation Manual for details of Twinning pipe installation.

3. The pipe section before the Twinning pipe (sections "a" and "b" in the figure) must have at least 500mm(19-11/16) of straight section

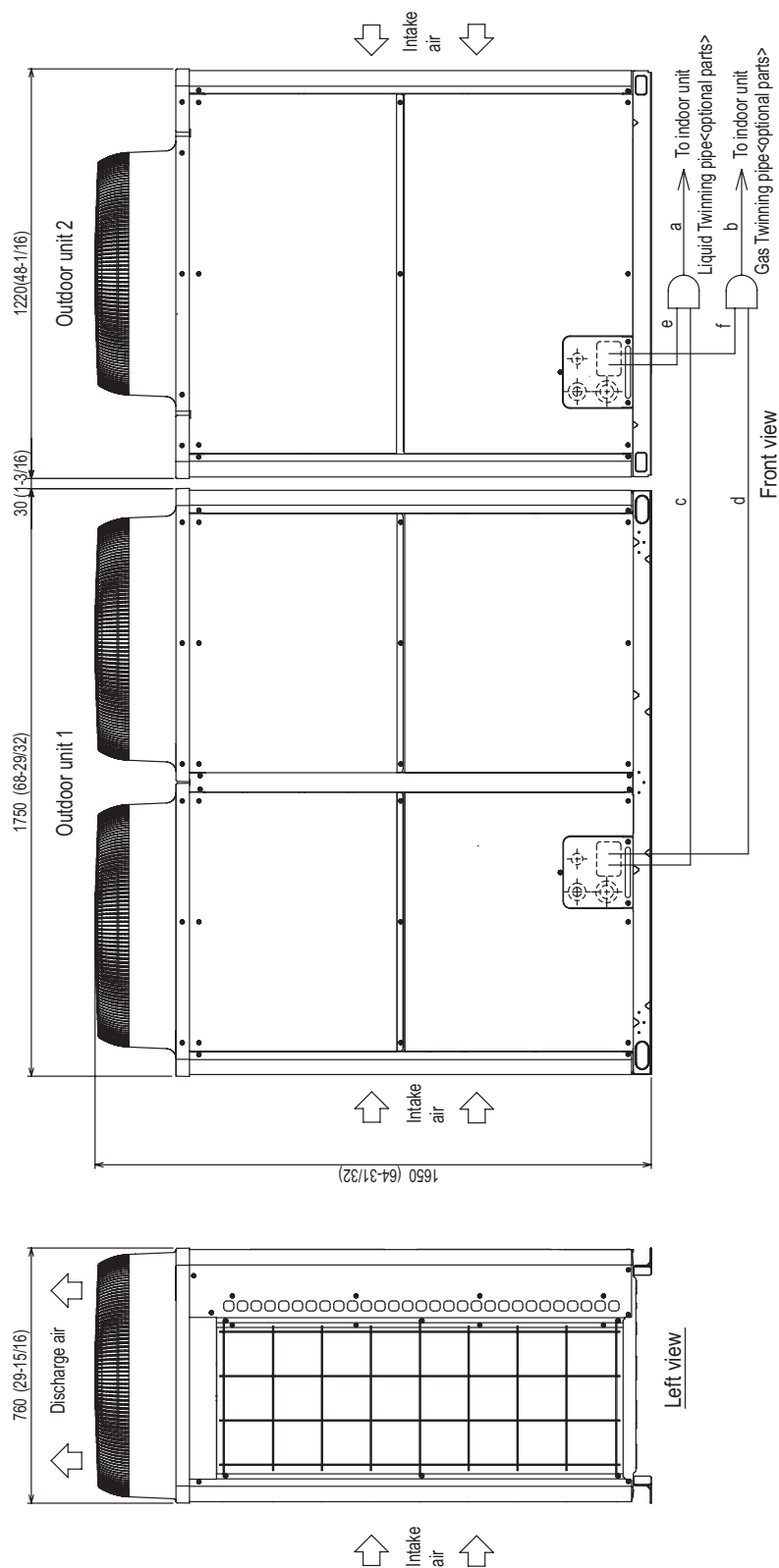
(*including the straight pipe that is supplied with the Twinning pipe).

4. Only use the Twinning pipe by Mitsubishi (optional parts).

2. EXTERNAL DIMENSIONS

PUHY-P216TSJMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

Package unit name		PUHY-P216TSJMU-A(-BS)	
Component unit name	Outdoor unit 1	PUHY-P120TJMU-A(-BS)	
	Outdoor unit 2	PUHY-P96TJMU-A(-BS)	
Outdoor Twinning Kit(optional parts)		CMV-Y100/BK2	
Indoor unit-Twinning pipe	Liquid	a	ø15.88(5/8)
	Gas	b	ø28.58(1-1/8)

Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.

2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.

Be sure to see the Installation Manual for details of Twinning pipe installation.

3. The pipe section before the Twinning pipe (sections "a" and "b" in the figure) must have at least 500mm(19-11/16) of straight section (*including the straight pipe that is supplied with the Twinning pipe).

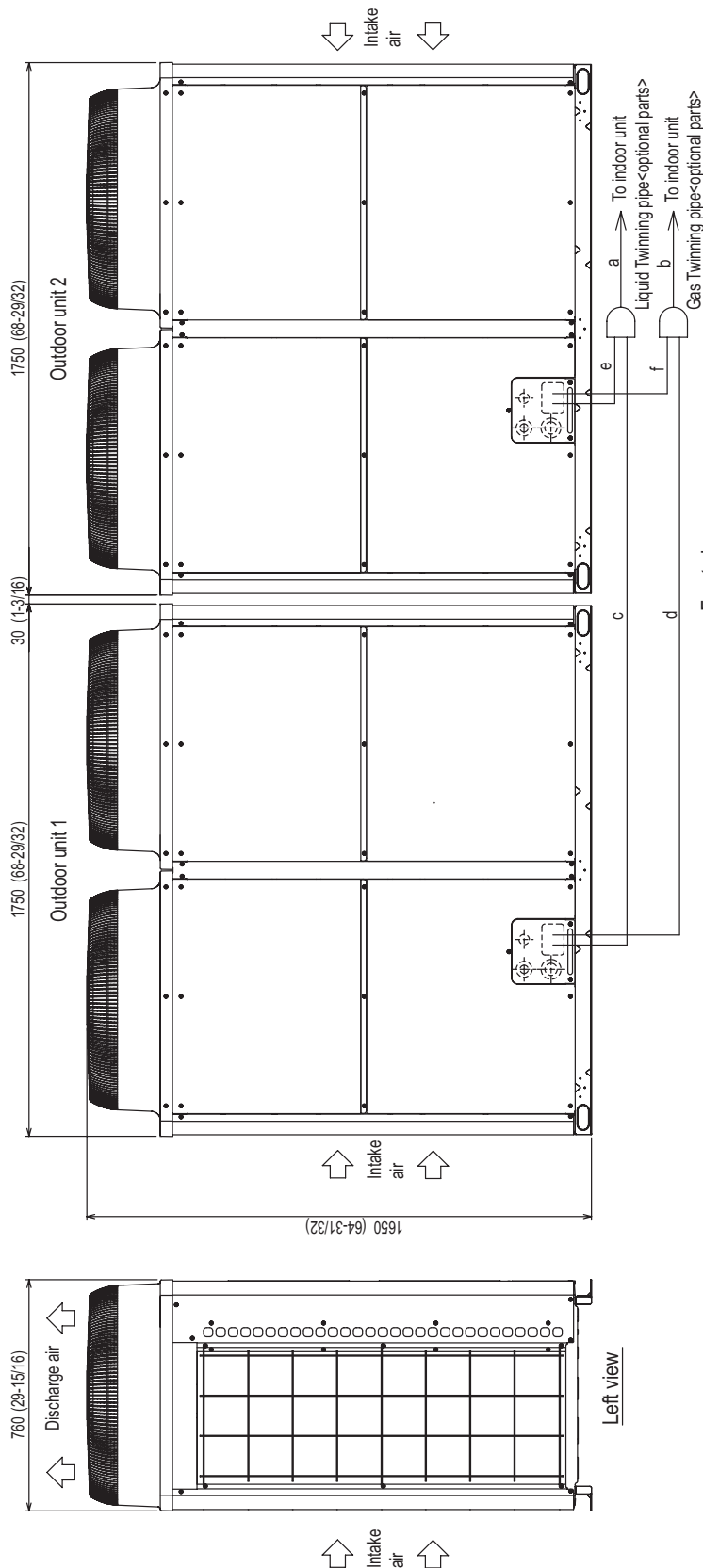
4. Only use the Twinning pipe by Mitsubishi (optional parts).

Twinning pipe-Outdoor unit	Unit model		Liquid	Gas
	P06	P120	c or e ø9.52(3/8)	d or f ø22.7(7/8)
			ø12.7(1/2)	ø22.7(7/8)

2. EXTERNAL DIMENSIONS

PUHY-P240,264,288TSJMU-A(-BS)

Unit : mm(in.)



Front view

Twinning pipe connection size

Package unit name	PUHY-P240TSJMU-A(-BS)	PUHY-P264TSJMU-A(-BS)	PUHY-P288TSJMU-A(-BS)
Component unit name	Outdoor unit 1 PUHY-P120TJMU-A(-BS)	Outdoor unit 1 PUHY-P144TJMU-A(-BS)	Outdoor unit 1 PUHY-P144TJMU-A(-BS)
Outdoor unit name	Outdoor unit 2 PUHY-P120TJMU-A(-BS)	Outdoor unit 2 PUHY-P144TJMU-A(-BS)	Outdoor unit 2 PUHY-P144TJMU-A(-BS)
Indoor unit-Twinning pipe	CMY-Y100VBK2 ø15.88(5/8)	CMY-Y200VBK2 ø19.05(3/4)	CMY-Y200VBK2 ø19.05(3/4)
Liquid	a	b	c
Gas	d	e	f
	ø28.58(1-1/8)	ø34.93(1-3/8)	ø34.93(1-3/8)

Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.

2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.

3. Be sure to see the Installation Manual for details of Twinning pipe installation.

4. The pipe section before the Twinning pipe (sections "a" and "b" in the figure) must have at least 500mm(19-11/16) of straight section

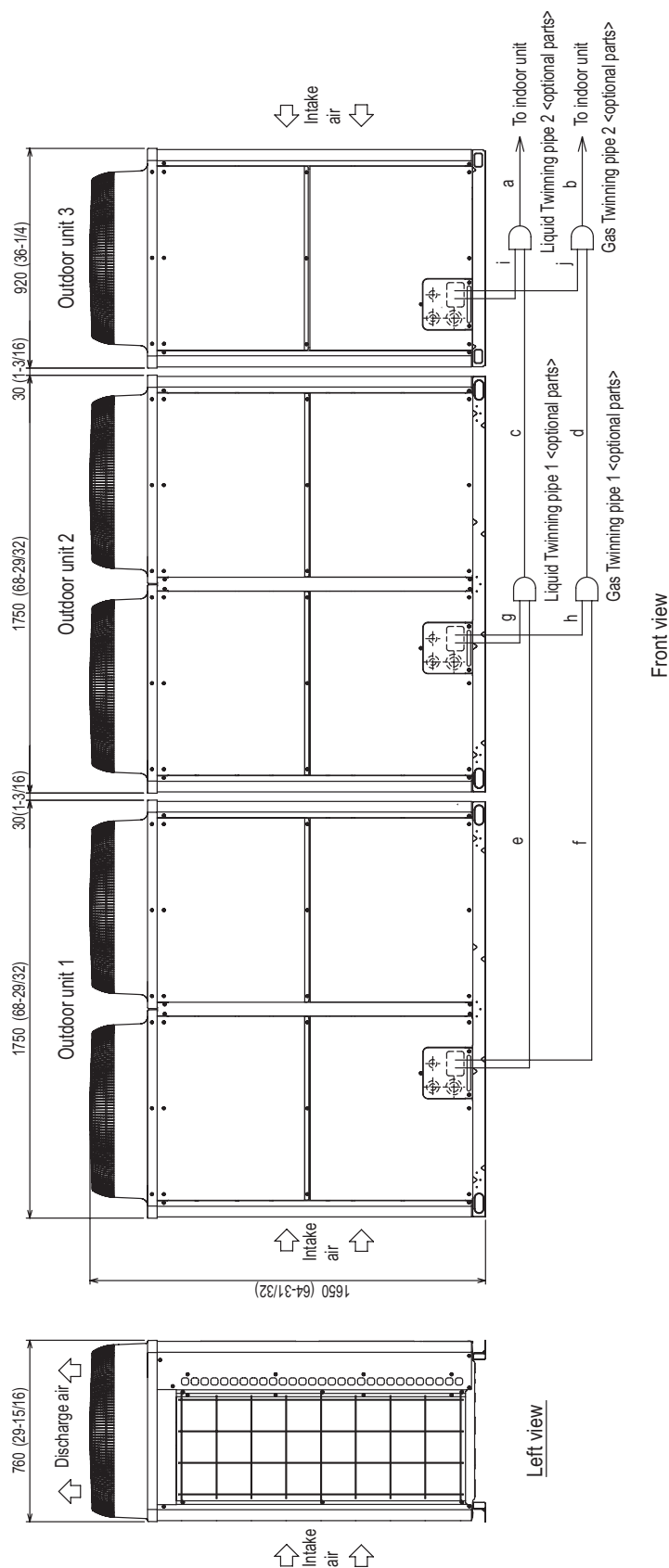
(*including the straight pipe that is supplied with the Twinning pipe).

5. Only use the Twinning pipe by Mitsubishi (optional parts).

2. EXTERNAL DIMENSIONS

PUHY-P312TSJMU-A(-BS)

Unit : mm(in.)



Front view

Twinning pipe connection size

Package unit name	PUHY-P312TSJMU-A(-BS)
Component unit name	PUHY-P120TJMU-A(-BS)
Outdoor unit 1	PUHY-P120TJMU-A(-BS)
Outdoor unit 2	PUHY-P120TJMU-A(-BS)
Outdoor unit 3	PUHY-P120TJMU-A(-BS)
Outdoor Twinning Kit(optional parts)	CMY-Y300VBK2
Indoor unit~ Twinning pipe 2	Liquid a Gas b
Twinning pipe 1~Twinning pipe 2	Liquid c Gas d

Twinning pipe-Outdoor unit	Unit model	Liquid e or g or i	Gas f or h or j
P72	P72	ø19.05(3/4)	ø19.05(3/4)
P120	P120	ø12.7(1/2)	ø22.2(7/8)

Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.

2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.

Be sure to see the Installation Manual for details of Twinning pipe installation.

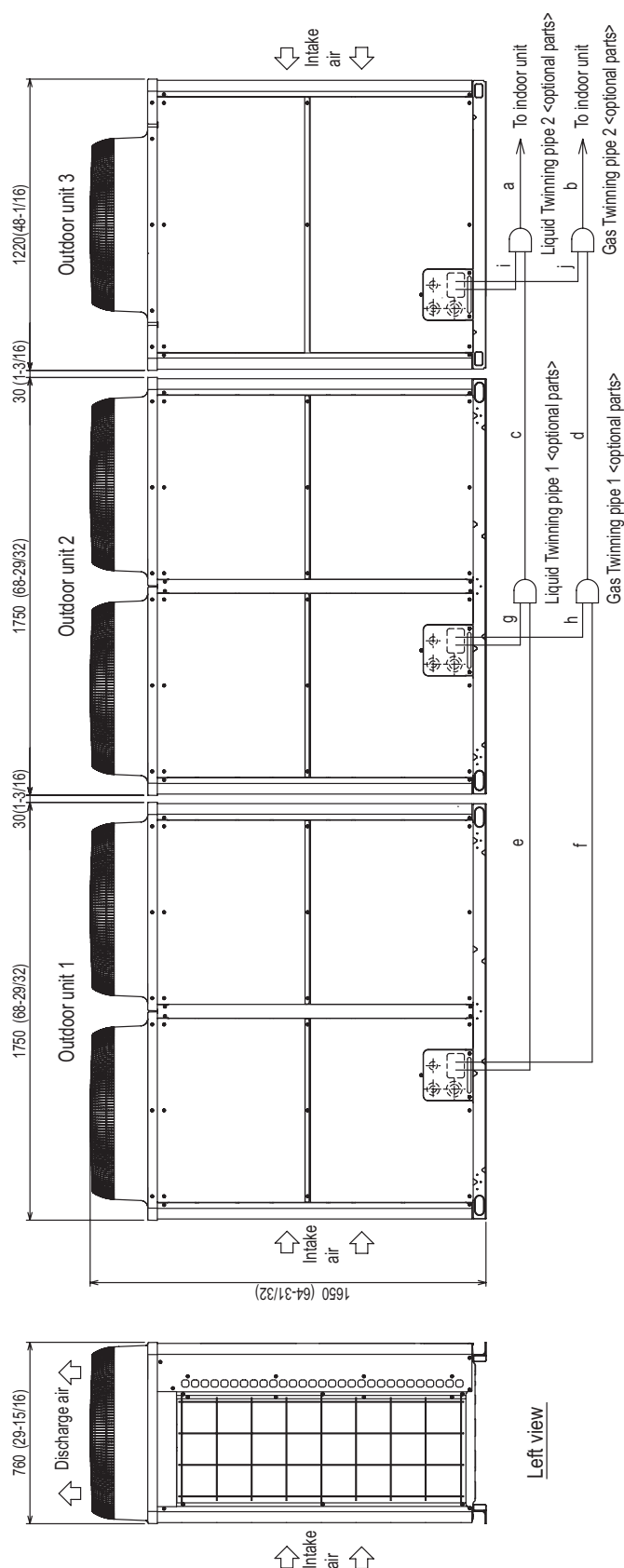
3. The pipe section before the Twinning pipe (sections "a", "b", "c" and "d" in the figure) must have at least 500mm(19-11/16) of straight section ("including the straight pipe that is supplied with the Twinning pipe).

4. Only use the Twinning pipe by Mitsubishi (optional parts).

2. EXTERNAL DIMENSIONS

PUHY-P336,360TSJMU-A(-BS)

Unit : mm(in.)



Front view

Twinning pipe connection size

Package unit name	PUHY-P336TSJMU-A(-BS)	PUHY-P360TSJMU-A(-BS)
Outdoor unit 1	PUHY-P120TJMU-A(-BS)	PUHY-P144TJMU-A(-BS)
Outdoor unit 2	PUHY-P120TJMU-A(-BS)	PUHY-P120TJMU-A(-BS)
Outdoor unit 3	PUHY-P96TJMU-A(-BS)	PUHY-P96TJMU-A(-BS)
Outdoor Twinning Kit(optional parts)	CMY-Y300VBK2	
Indoor unit~Twinning pipe 2	Liquid a	ø19.05(3/4)
	Gas b	ø41.28(1-5/8)
Twinning pipe 1~Twinning pipe 2	Liquid c	ø19.05(3/4)
	Gas d	ø34.93(1-3/8)

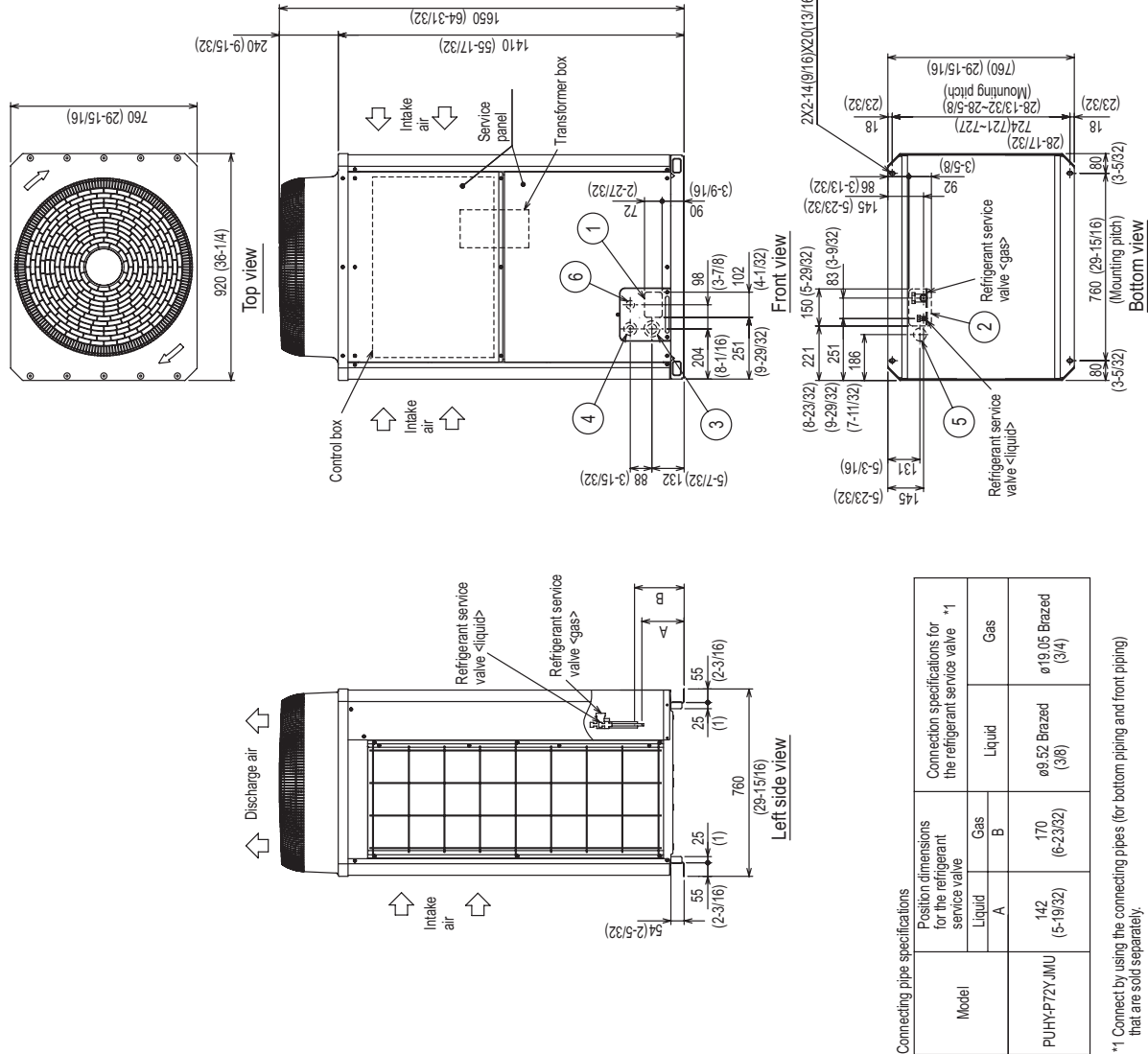
Unit model	Liquid	Gas
P96	ø9.52(3/8)	ø22.2(7/8)
P120	ø12.7(1/2)	ø22.2(7/8)
P144	ø12.7(1/2)	ø28.58(1-1/8)

- Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
- Note 2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.
- Note 3. Be sure to see the Installation Manual for details of Twinning pipe installation.
- Note 4. The pipe section before the Twinning pipe (sections "a", "b", "c" and "d" in the figure) must have at least 500mm(19-11/16) of straight section (*including the straight pipe that is supplied with the Twinning pipe).
- Note 5. Only use the Twinning pipe by Mitsubishi (optional parts).

2. EXTERNAL DIMENSIONS

PUHY-P72YJMU-A(-BS)

Unit : mm(in.)



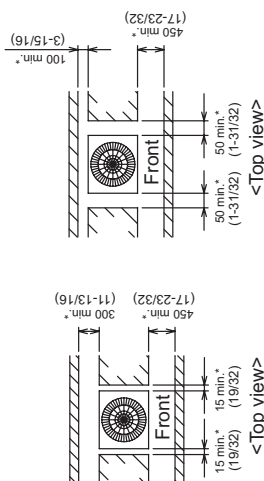
PUHY-P72YJMU-A-(BS)

Unit : mm(in.)

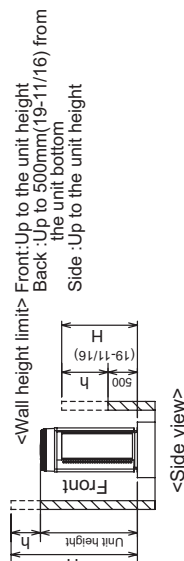
1. Required space around the unit

● In case of single installation

- ① Secure enough space around the unit as shown in the figure below.
 - With a space of at least 300mm(11-13/16) to the wall on the back of the unit



- ② When the height of the walls on the front, back or on the sides <H> exceeds the wall height limit as defined below, add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.



2. Foundation work

- ① Take into consideration the surface strength, water drainage route, piping route, and wiring route when preparing the installation site.
 - <Note that the drain water comes out of the unit during operation.>
- ② Build the foundation in such way that the corner of the installation leg is securely supported as shown in the right figure.(Fig.A)
When using a rubber isolating cushion, please ensure it is large enough to cover the entire width of each of the unit's legs.
- ③ The protrusion length of the anchor bolt must not exceed 30mm(1-3/16).(Fig.A)
- ④ Use four fixing plates as shown in the right figure <field supply required> when using post-installed anchor bolts.(Fig.B)
- ⑤ To prevent small animals and water and snow from entering the unit and damaging its parts, close the gap around the edges of through holes for pipes and wires with filler plates <field supply required>.
- ⑥ When the pipes or cables are routed at the bottom of the unit, make sure that the through hole at the base of the unit does not get blocked with the installation base.
- ⑦ Refer to the Installation Manual when installing units on an installation base.

● In case of collective installation

- ① When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.
- ② At least two sides must be left open.
- ③ As with the single installation, add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.
- ④ If there is a wall at both the front and the rear of the unit, install up to six units consecutively in the side direction and provide a space of 39-3/8 in. (1000mm) or more as inlet space/ passage space for each three units.

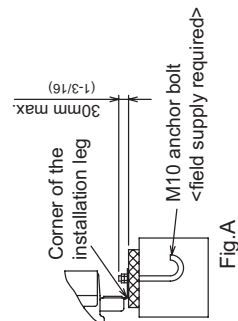
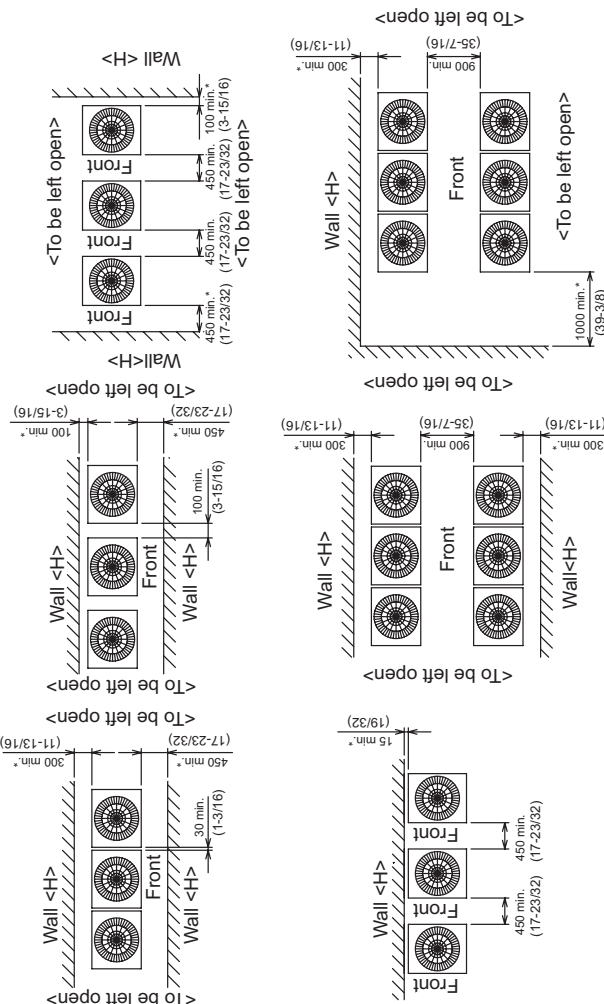


Fig.A

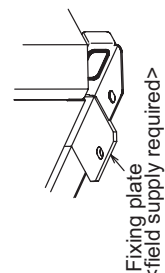
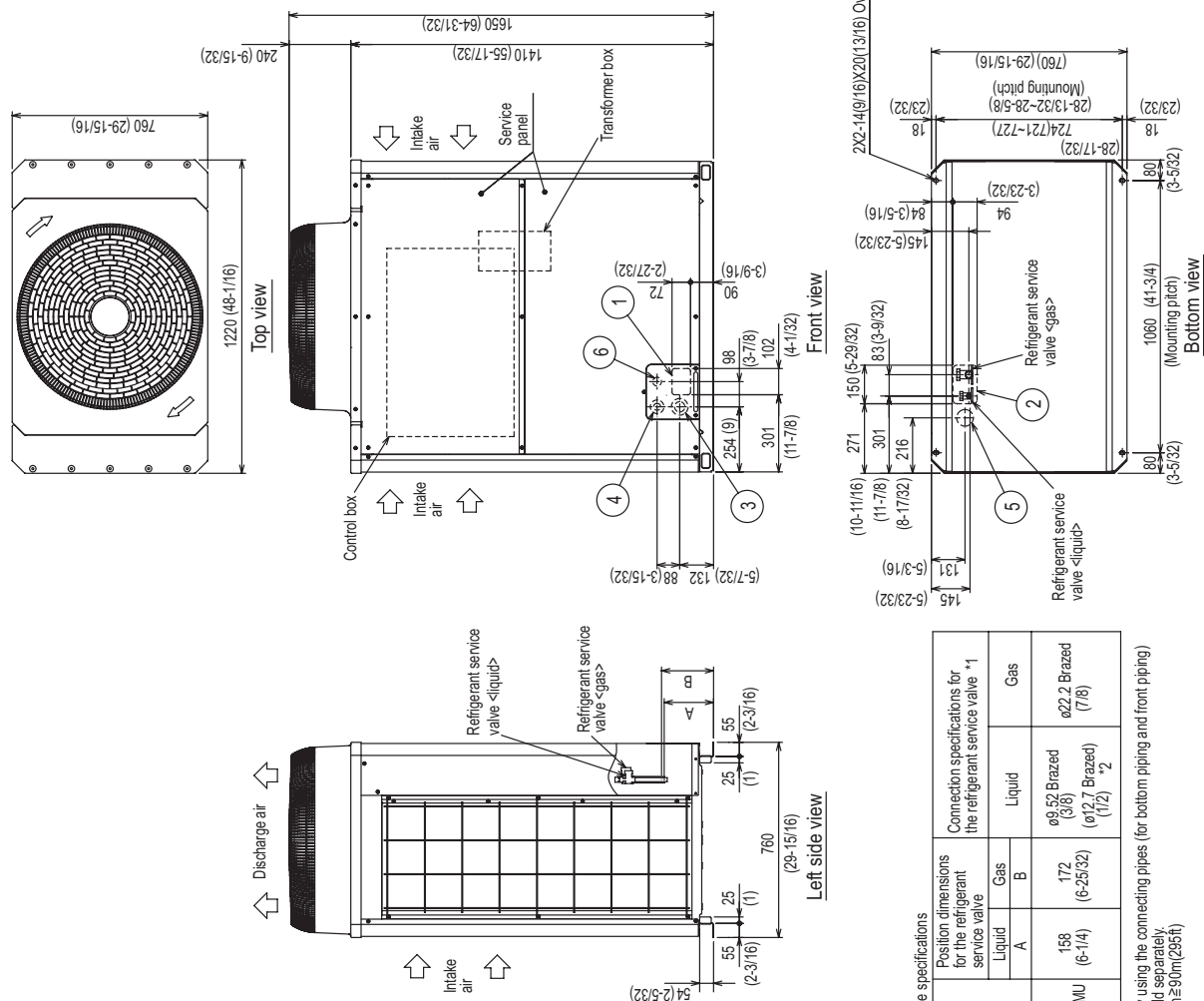


Fig.B

2. EXTERNAL DIMENSIONS

PUHY-P96YJMU-A(-BS)

Unit : mm(in.)



NO.	Usage	Specifications
①	Front through hole	102 X 72 Knockout hole (4-1/32) (2-27/32)
②	For pipes Bottom through hole	150 X 94 Knockout hole (5-29/32) (3-23/32)
③	Front through hole	ø62.7 or ø34.5 Knockout hole (2-15/32) (1-3/8)
④	For wires Front through hole	ø43.7 or ø22.2 Knockout hole (1-3/4) (7/8)
⑤	Bottom through hole	ø65 Knockout hole (2-9/16)
⑥	For transmission cables Front through hole	ø34 Knockout hole (1-11/32)

Note1, Please refer to the next page for information regarding necessary spacing around the unit and foundation work.

2.A brazing of pipes wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

Connecting pipe specifications				
Model	Position dimensions for the refrigerant service valve		Connection specifications for the refrigerant service valve *1	
	Liquid	Gas	Liquid	Gas
		B		
PUHF-P96YJMU	158 (6-1/4)	172 (6-25/32)	ø9.52 Brazed (3/8)	ø22.2 Brazed (7/8)

*1 Connect by using the connecting pipes (for bottom piping and front piping) that are sold separately.
*2 Total length $\geq 90\text{m}$ (295ft)

PUHY-P96YJMU-A(-BS)

Unit : mm(in.)

● In case of collective installation

- ① When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.
- ② At least two sides must be left open.
- ③ As with the single installation, add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.
- ④ If there is a wall at both the front and the rear of the unit, install up to six units consecutively in the side direction and provide a space of 39-3/8 in. (1000mm) or more as inlet space/ passage space for each six units.

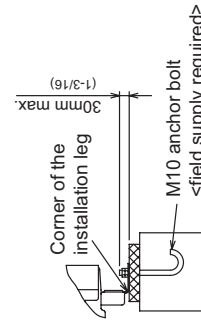
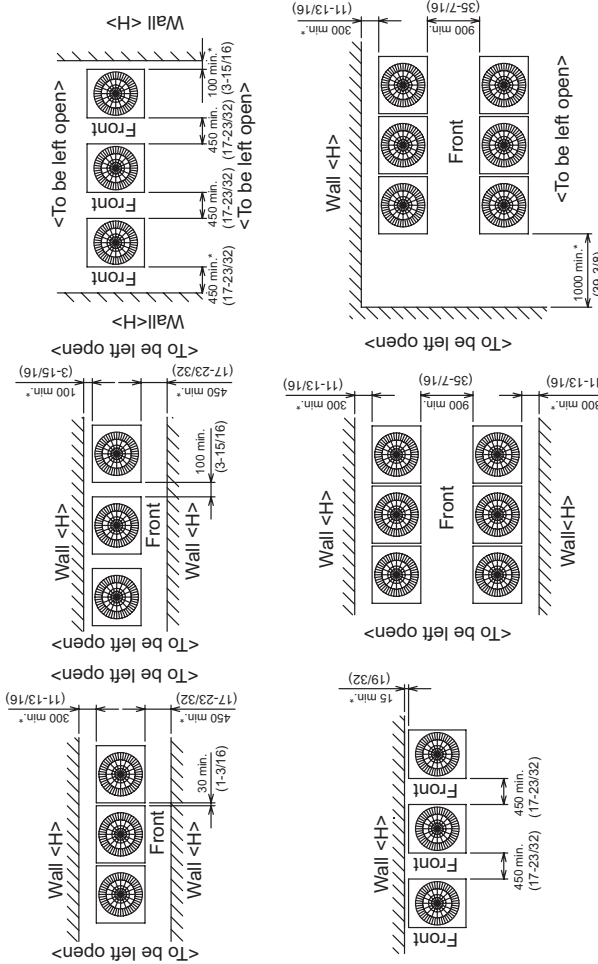


Fig.A

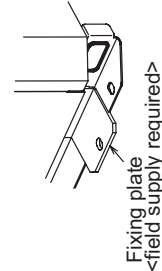
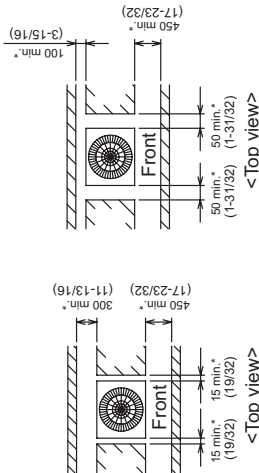


Fig.B

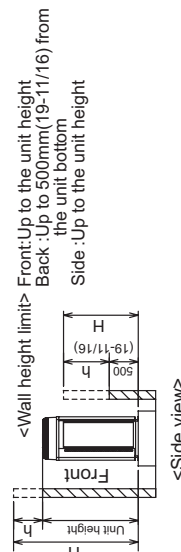
1.Required space around the unit

● In case of single installation

- ① Secure enough space around the unit as shown in the figure below.
- With a space of at least 300mm(11-13/16) to the wall on the back of the unit
- With a space of at least 100mm(3-15/16) to the wall on the back of the unit



- ② When the height of the walls on the front, back or on the sides <H> exceeds the wall height limit as defined below, add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.



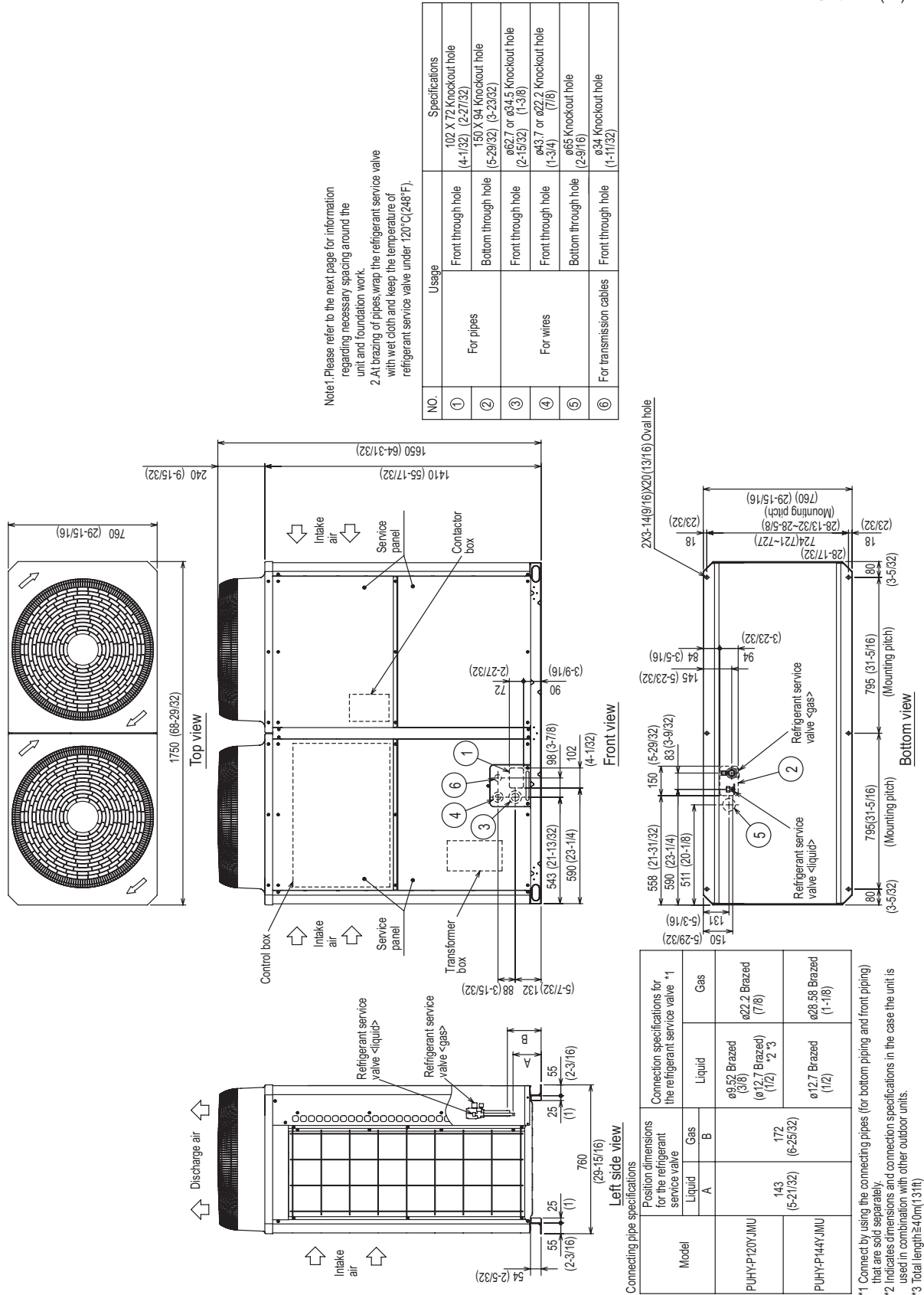
2.Foundation work

- ① Take into consideration the surface strength, water drainage route, piping route, and wiring route when preparing the installation site.
- ② Note that the drain water comes out of the unit during operation.
- ③ Build the foundation in such way that the corner of the installation leg is securely supported as shown in the right figure. (Fig.A) When using a rubber isolating cushion, please ensure it is large enough to cover the entire width of each of the unit's legs.
- ④ The protrusion length of the anchor bolt must not exceed 30mm(1-3/16). (Fig.A)
- ⑤ Use four fixing plates as shown in the right figure <field supply required> when using post-installed anchor bolts. (Fig.B)
- ⑥ To prevent small animals and water and snow from entering the unit and damaging its parts, close the gap around the edges of through holes for pipes and wires with filler plates <field supply required>.
- ⑦ When the pipes or cables are routed at the bottom of the unit, make sure that the through hole at the base of the unit does not get blocked with the installation base.
- ⑧ Refer to the Installation Manual when installing units on an installation base.

2. EXTERNAL DIMENSIONS

PUHY-P120,144YJMU-A(-BS)

Unit : mm (in.)

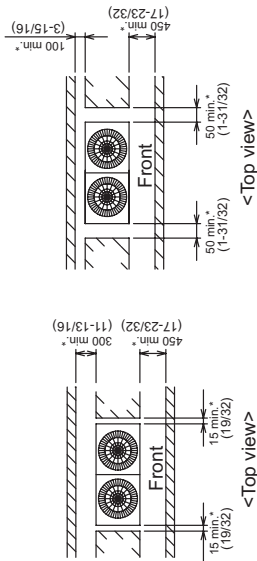


PUHY-P120,144YJMU-A(-BS)

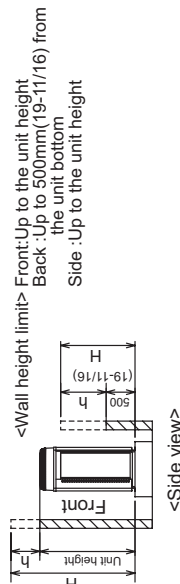
1.Required space around the unit

● In case of single installation

- ① Secure enough space around the unit as shown in the figure below.
 - With a space of at least 300mm(11-13/16) to the wall on the back of the unit



- ② When the height of the walls on the front back or on the sides<H> exceeds the wall height limit as defined below add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.



2.Foundation work

- ① Take into consideration the surface strength, water drainage route, piping route, and wiring route when preparing the installation site.
 - <Note that the drain water comes out of the unit during operation.>
- ② Build the foundation in such way that the corner of the installation leg is securely supported as shown in the right figure.(Fig.A)
 - When using a rubber isolating cushion, please ensure it is large enough to cover the entire width of each of the unit's legs.
- ③ The protrusion length of the anchor bolt must not exceed 30mm(1-3/16).(Fig.A)
- ④ Use four fixing plates as shown in the right figure <field supply required> when using post-installed anchor bolts.(Fig.B)
- ⑤ To prevent small animals and water and snow from entering the unit and damaging its parts, close the gap around the edges of through holes for pipes and wires with filler plates <field supply required>.
- ⑥ When the pipes or cables are routed at the bottom of the unit, make sure that the through hole at the base of the unit does not get blocked with the installation base.
- ⑦ Refer to the Installation Manual when installing units on an installation base.

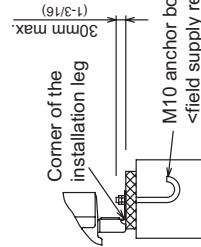


Fig.A

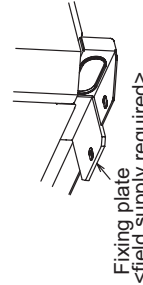
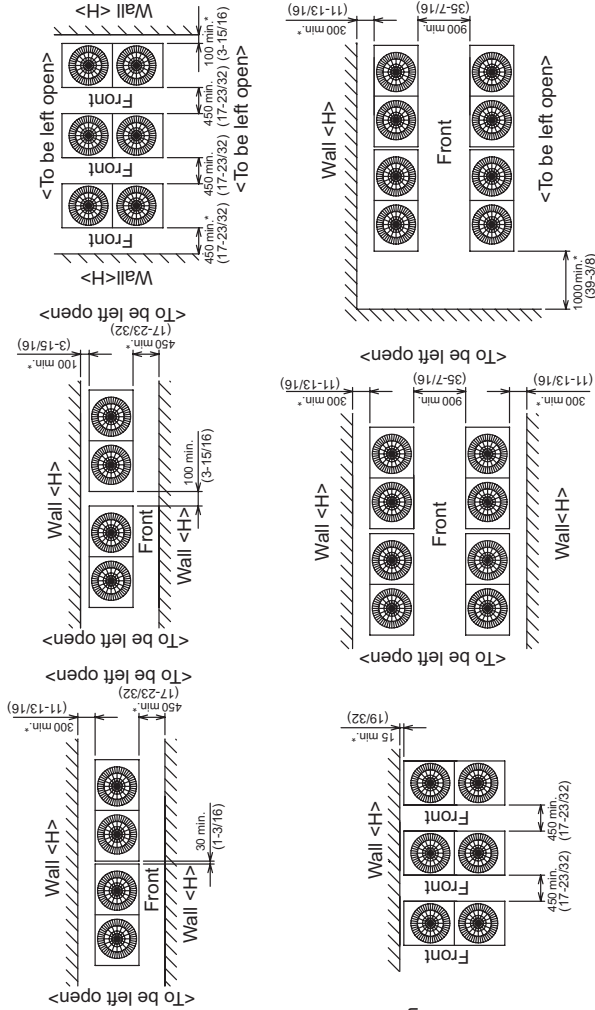


Fig.B

Unit : mm(in.)

● In case of collective installation

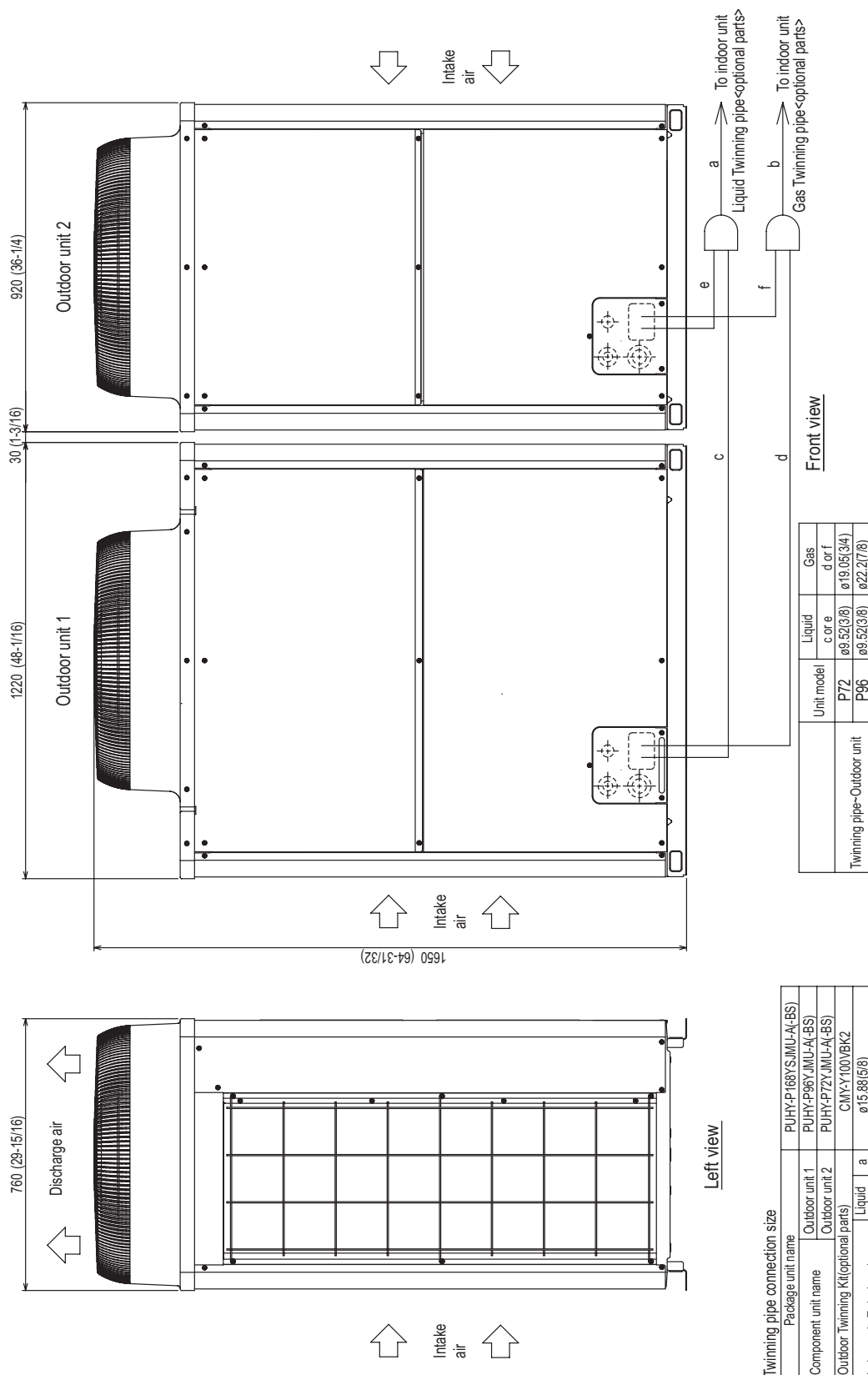
- ① When multiple units are installed adjacent to each other, secure enough space to allow for air circulation and walkway between groups of units as shown in the figures below.
- ② At least two sides must be left open.
- ③ As with the single installation, add the height that exceeds the height limit<h> to the figures that are marked with an asterisk.
- ④ If there is a wall at both the front and the rear of the unit, install up to three units consecutively in the side direction and provide a space of 39-3/8 in. (1000mm) or more as inlet space/ passage space for each three units.



2. EXTERNAL DIMENSIONS

PUHY-P168YSJMU-A(-BS)

Unit : mm(in.)



Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.

2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.

Be sure to see the Installation Manual for details of Twinning pipe installation.

3. The pipe section before the Twinning pipe (sections "a" and "b" in the figure) must have at least 500mm(19-11/16) of straight section

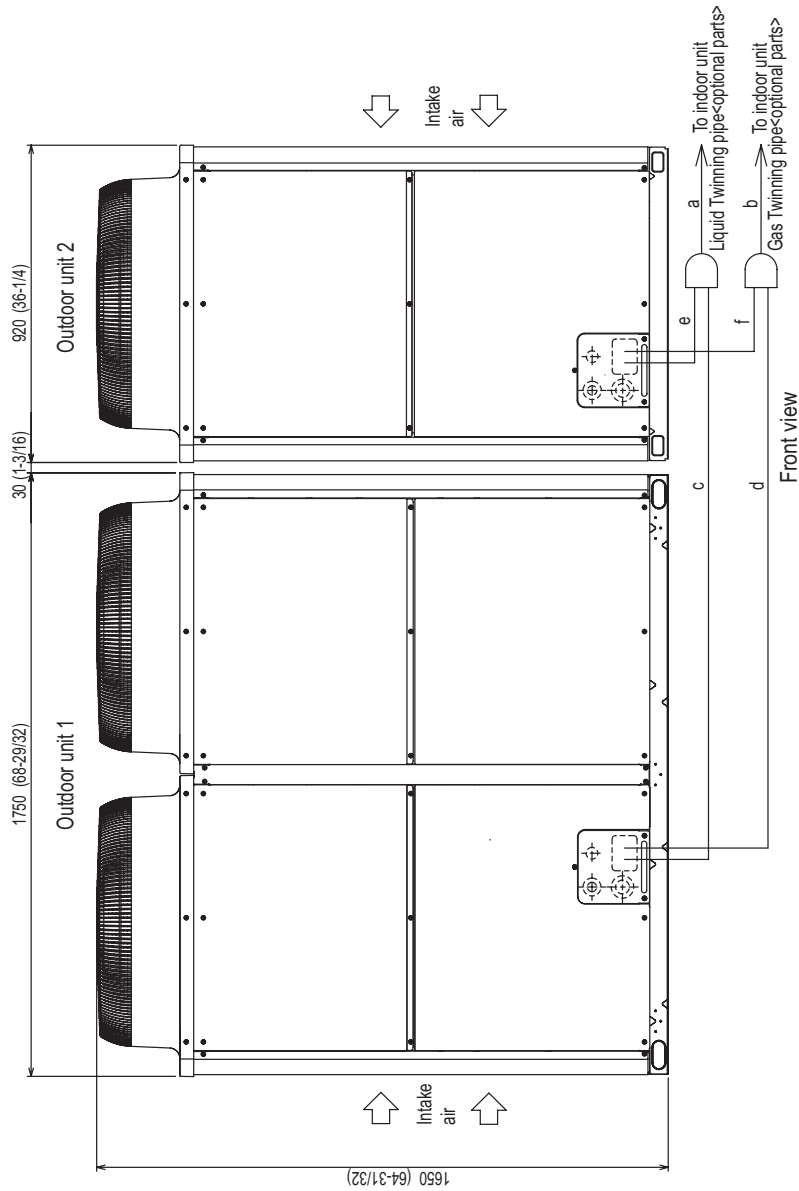
(*including the straight pipe that is supplied with the Twinning pipe).

4. Only use the Twinning pipe by Mitsubishi (optional parts).

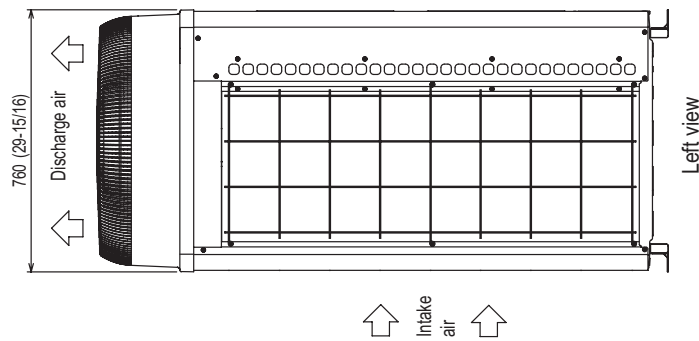
2. EXTERNAL DIMENSIONS

PUHY-P192YSJMU-A(-BS)

Unit : mm(in.)



Front view



Left view

Twinning pipe connection size

Package unit name		PUHY-P192YSJMU-A(-BS)	
Component unit name		PUHY-P120YSJMU-A(-BS)	
Outdoor Twinning Kit(optional parts)		PUHY-P72YSJMU-A(-BS)	
Indoor unit- Twinning pipe		CMY-Y100VBK2	
		ø15.88(5/8)	
		ø28.58(1-1/8)	

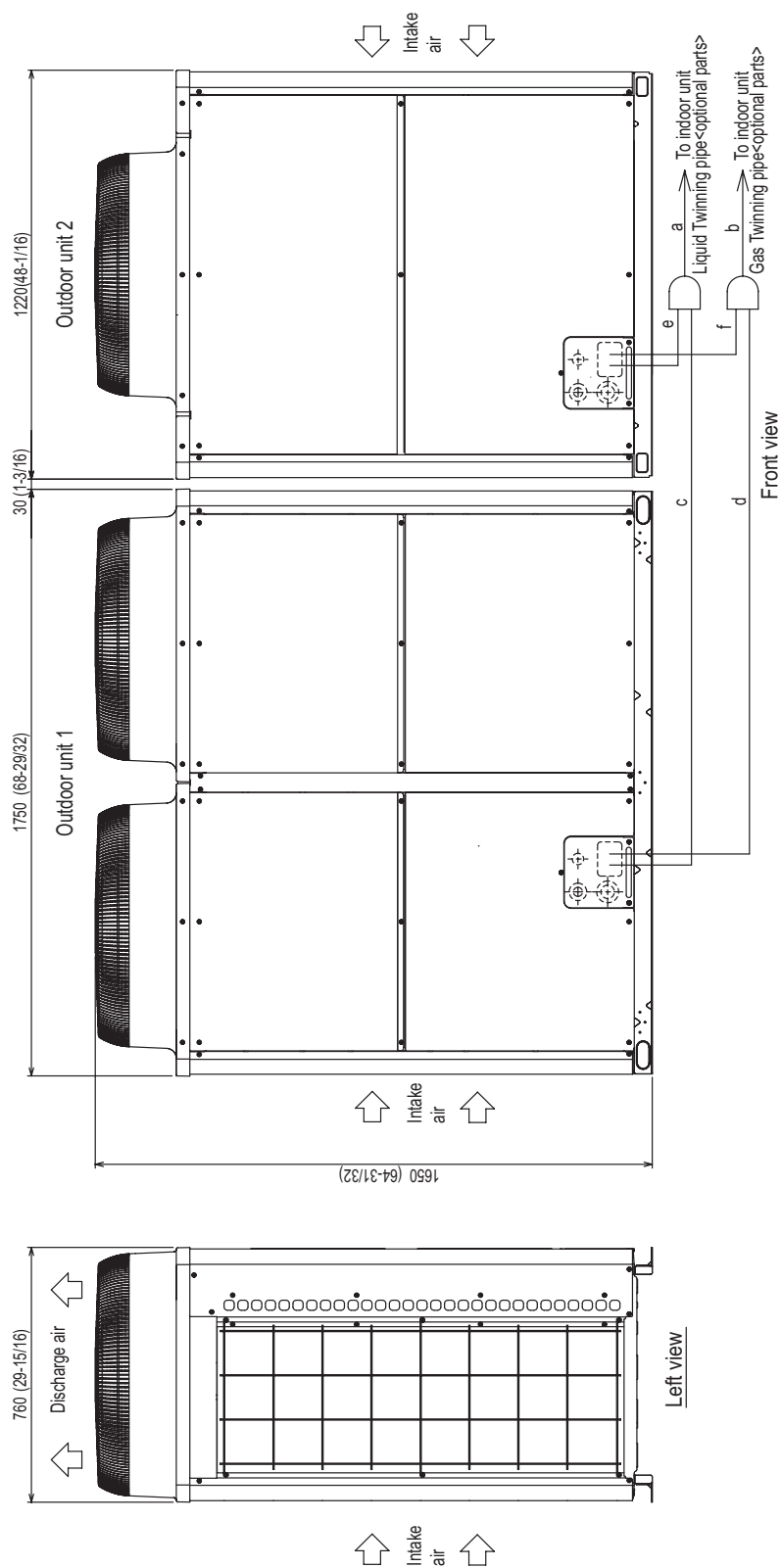
Twinning pipe-Outdoor unit		Unit model		Liquid core		Gas d or f	
		P72		ø9.52(3/8)		ø19.05(3/4)	
		P120		ø12.7(1/2)		ø22.2(7/8)	

- Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
 2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.
 Be sure to see the Installation Manual for details of Twinning pipe installation.
 3. The pipe section before the Twinning pipe (sections "a" and "b" in the figure) must have at least 500mm(19-11/16) of straight section
 ("Including the straight pipe that is supplied with the Twinning pipe).
 4. Only use the Twinning pipe by Mitsubishi (optional parts).

2. EXTERNAL DIMENSIONS

PUHY-P216YSJMU-A(-BS)

Unit : mm(in.)



Twining pipe connection size

Package unit name		PUHY-P216YSJMU-A(-BS)
Component unit name	Outdoor unit 1	PUHY-P216YSJMU-A(-BS)
	Outdoor unit 2	PUHY-P96YSJMU-A(-BS)
Outdoor Twining Kit (optional parts)		CMY-Y100VBK2
Indoor unit-Twining pipe	Liquid	ø15.88(5/8)
	Gas	ø28.58(1-1/8)

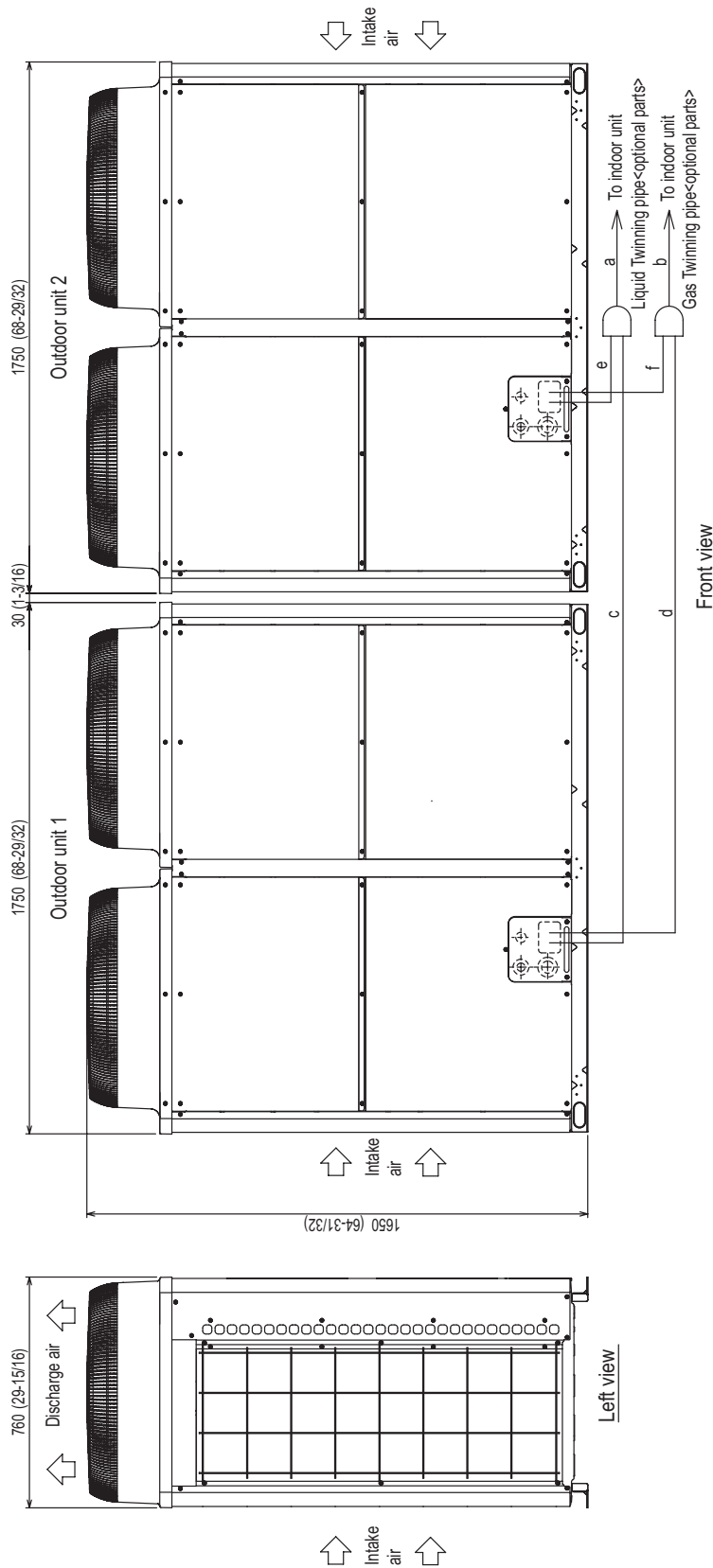
Twining pipe-Outdoor unit	Unit model		Liquid	Gas
	P96	P120	c or e ø9.52(3/8) ø12.7(1/2)	d or f ø22.2(7/8) ø22.2(7/8)

- Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
 2. Twining pipes should not be tilted more than 15 degrees from the horizontal plane.
 Be sure to see the Installation Manual for details of Twining pipe installation.
 3. The pipe section before the Twining pipe (sections "a" and "b" in the figure) must have at least 500mm (19-11/16) of straight section (including the straight pipe that is supplied with the Twining pipe).
 4. Only use the Twining pipe by Mitsubishi (optional parts).

2. EXTERNAL DIMENSIONS

PUHY-P240,264,288YSJMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

Package unit name	PUHY-P240YSJMU-A(-BS)	PUHY-P264YSJMU-A(-BS)	PUHY-P288YSJMU-A(-BS)
Outdoor unit 1	PUHY-P120YJMU-A(-BS)	PUHY-P144YJMU-A(-BS)	PUHY-P144YJMU-A(-BS)
Outdoor unit 2	PUHY-P120YJMU-A(-BS)	PUHY-P120YJMU-A(-BS)	PUHY-P144YJMU-A(-BS)
Outdoor Twinning Kit(optional parts)	CMY-Y100VBK2	CMY-Y200VBK2	CMY-Y200VBK2
Indoor unit-Twinning pipe	Liquid a	Gas b	Gas b
	ø15.88(5/8)	ø25.58(1-1/8)	ø34.93(1-3/8)

Unit model	Liquid c or e	Gas d or f
P120	ø27.1(1/2)	ø22.2(7/8)
P144	ø27.1(1/2)	ø25.58(1-1/8)

Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.

2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.

Be sure to see the Installation Manual for details of "Twinning pipe installation."

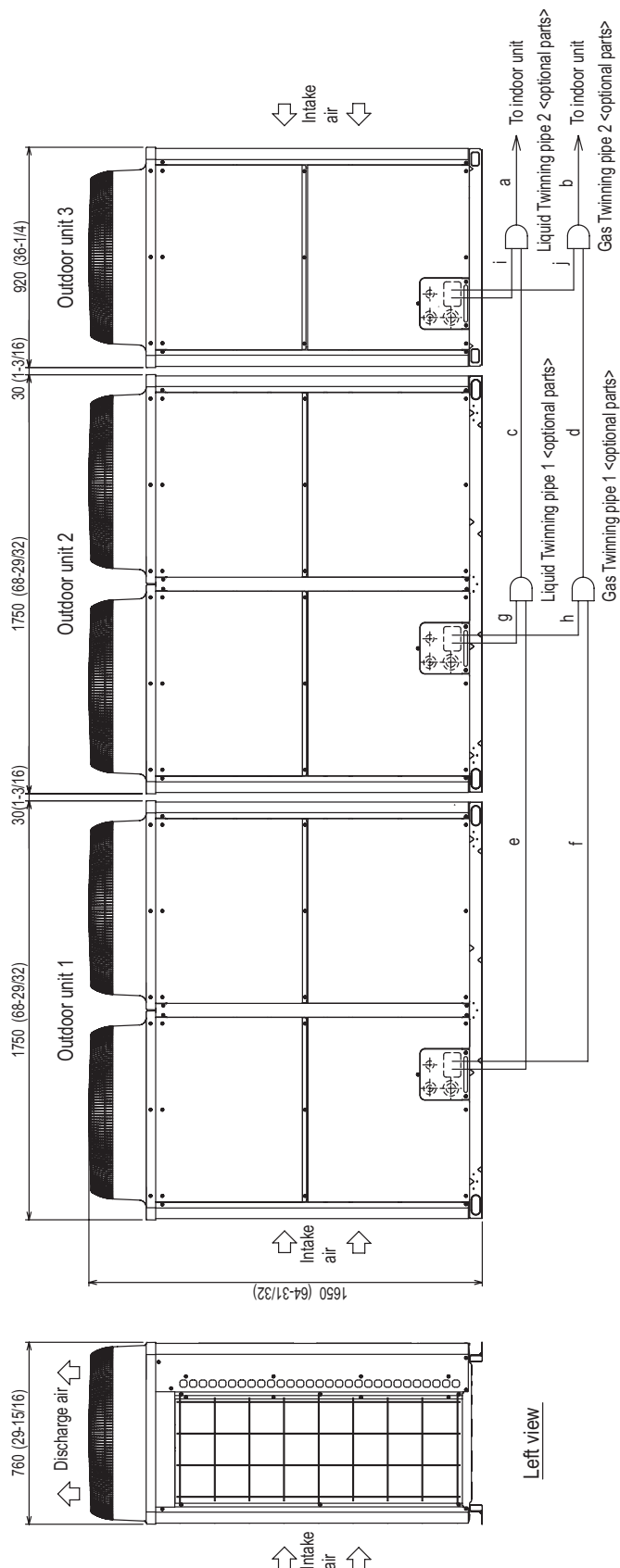
3. The pipe section before the Twinning pipe (sections "a" and "b" in the figure) must have at least 500mm(19-11/16) of straight section

(*including the straight pipe that is supplied with the Twinning pipe).

4. Only use the Twinning pipe by Mitsubishi (optional parts).

PUHY-P312YSJMU-A(-BS)

Unit : mm(in.)



Front view

Twinning pipe connection size		
Package unit name	Outdoor unit 1	PUHY-P127YSJMU(A)-(BS)
	Outdoor unit 2	PUHY-P120YJMU(A)-(BS)
	Outdoor unit 3	PUHY-P120YJMU(A)-(BS)
Component unit name	Outdoor unit 1	PUHY-P120YJMU(A)-(BS)
	Outdoor unit 2	PUHY-P120YJMU(A)-(BS)
	Outdoor unit 3	PUHY-P120YJMU(A)-(BS)
Outdoor Twinning Kit(optional parts)	Liquid	CMY-P300V/BK2
	Gas	ø19.05(3/4)
	Gas	ø19.05(3/4)
Indoor unit~Twinning pipe 2	Liquid	ø19.05(3/4)
	Gas	ø19.05(3/4)
	Gas	ø19.05(3/4)
Twinning pipe 1~Twinning pipe 2	Liquid	ø19.05(3/4)
	Gas	ø19.05(3/4)
	Gas	ø19.05(3/4)

Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.

2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.

Be sure to see the Installation Manual for details of Twinning pipe installation.

3. The pipe section before the Twinning pipe (sections "a", "b", "c" and "d" in the figure) must have at least 500mm(19-11/16") of straight section

(*including the straight pipe that is supplied with the Twinning pipe).

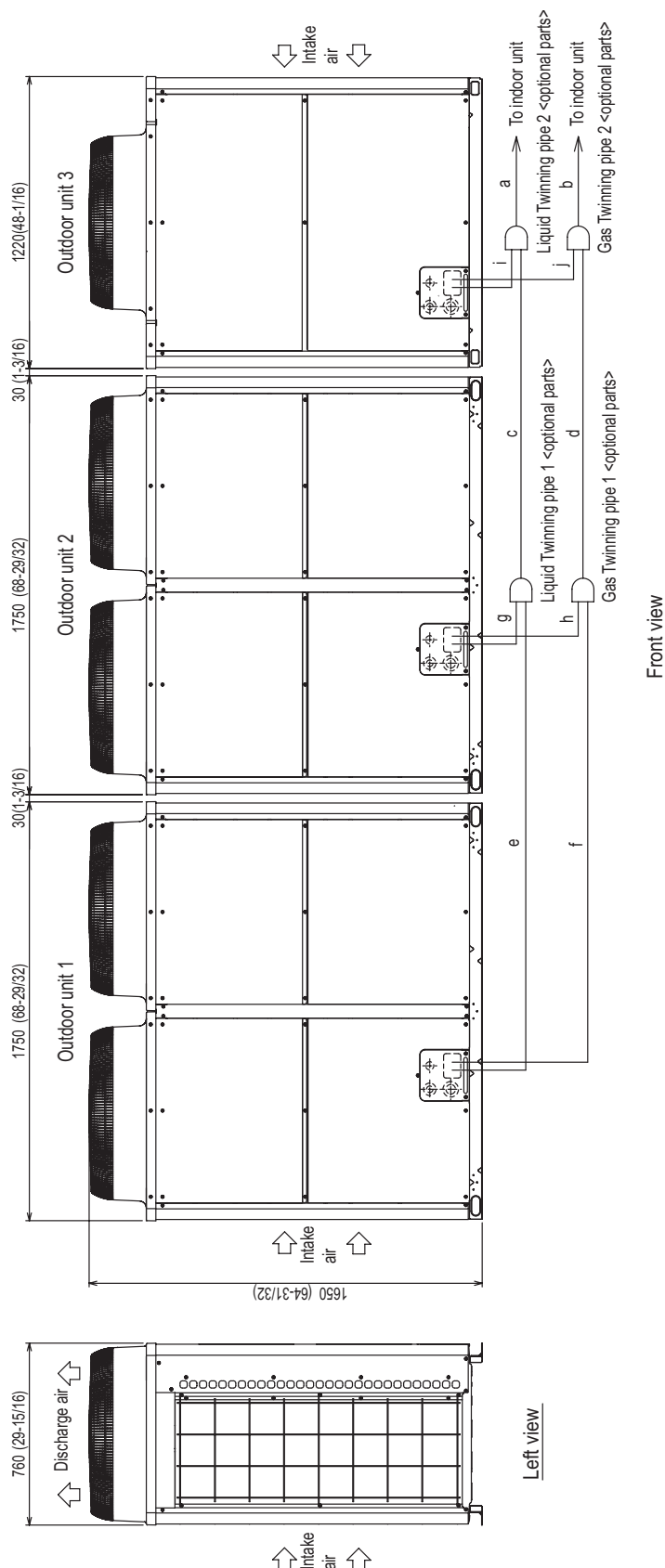
4. Only use the Twinning pipe by Mitsubishi (optional parts).

	Unit model	Liquid e or g or i	Gas f or h or j
Twining pipe-Outdoor unit	P72	ø9.52(3/8)	ø19.05(3/4)
	P120	ø12.7(1/2)	ø22.7(7/8)

2. EXTERNAL DIMENSIONS

PUHY-P336,360YSJMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

Package unit name	PUHY-P336YSJMU-A(-BS)	PUHY-P120YSJMU-A(-BS)	PUHY-P144YSJMU-A(-BS)	PUHY-P360YSJMU-A(-BS)
Outdoor unit 1	PUHY-P120YSJMU-A(-BS)	PUHY-P144YSJMU-A(-BS)	PUHY-P120YSJMU-A(-BS)	PUHY-P360YSJMU-A(-BS)
Outdoor unit 2	PUHY-P120YSJMU-A(-BS)	PUHY-P144YSJMU-A(-BS)	PUHY-P120YSJMU-A(-BS)	PUHY-P360YSJMU-A(-BS)
Outdoor unit 3	PUHY-P120YSJMU-A(-BS)	PUHY-P144YSJMU-A(-BS)	PUHY-P120YSJMU-A(-BS)	PUHY-P360YSJMU-A(-BS)
Outdoor Twinning K(optional parts)	CMV-Y300VBK2			
Indoor unit-Twinning pipe 2	Liquid a	ø19.05(3/4)	ø19.05(3/4)	ø19.05(3/4)
	Gas b	ø41.28(1-5/8)	ø41.28(1-5/8)	ø41.28(1-5/8)
Twinning pipe 1-Twinning pipe 2	Liquid c	ø19.05(3/4)	ø19.05(3/4)	ø19.05(3/4)
	Gas d	ø34.93(1-3/8)	ø34.93(1-3/8)	ø34.93(1-3/8)

- Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
 2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.
 Be sure to see the Installation Manual for details of Twinning pipe installation.
 3. The pipe section before the Twinning pipe (sections "a", "b", "c" and "d" in the figure) must have at least 500mm(19-11/16) of straight section (*including the straight pipe that is supplied with the Twinning pipe).
 4. Only use the Twinning pipe by Mitsubishi (optional parts).

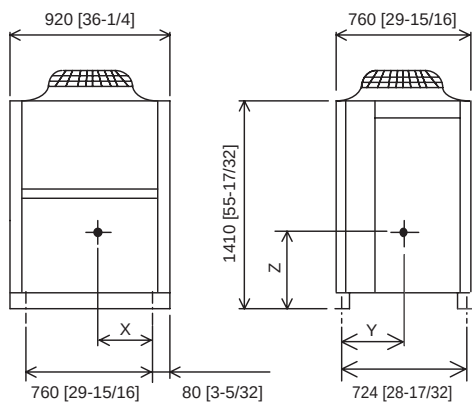
Unit model	Liquid	Gas
P96	ø9.52(3/8)	ø22.2(7/8)
P120	ø12.7(1/2)	ø22.2(7/8)
P144	ø12.7(1/2)	ø28.58(1-1/8)

Front view

Left view

3. CENTER OF GRAVITY

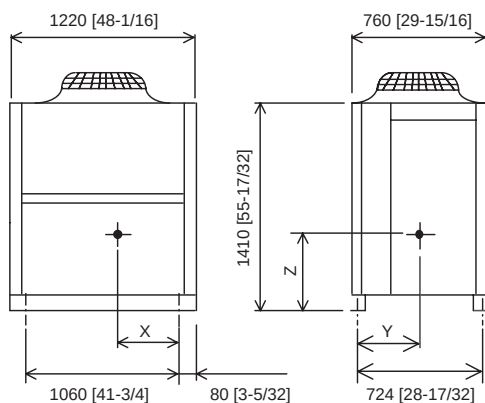
PUHY-P72TJMU-A (-BS) PUHY-P72YJMU-A (-BS)



Unit : mm[in.]

Model	X	Y	Z
PUHY-P72TJMU-A (-BS)	334[13-5/32]	329[12-31/32]	592[23-5/16]
PUHY-P72YJMU-A (-BS)	327[12-7/8]	321[12-21/32]	608[23-15/16]

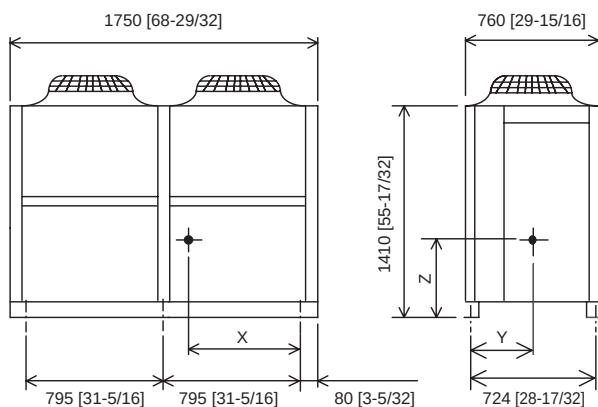
PUHY-P96TJMU-A (-BS) PUHY-P96YJMU-A (-BS)



Unit : mm[in.]

Model	X	Y	Z
PUHY-P96TJMU-A (-BS)	437[17-7/32]	321[12-21/32]	584[22]
PUHY-P96YJMU-A (-BS)	426[16-25/32]	313[12-11/32]	598[23-9/16]

PUHY-P120, 144TJMU-A (-BS) PUHY-P120, 144YJMU-A (-BS)

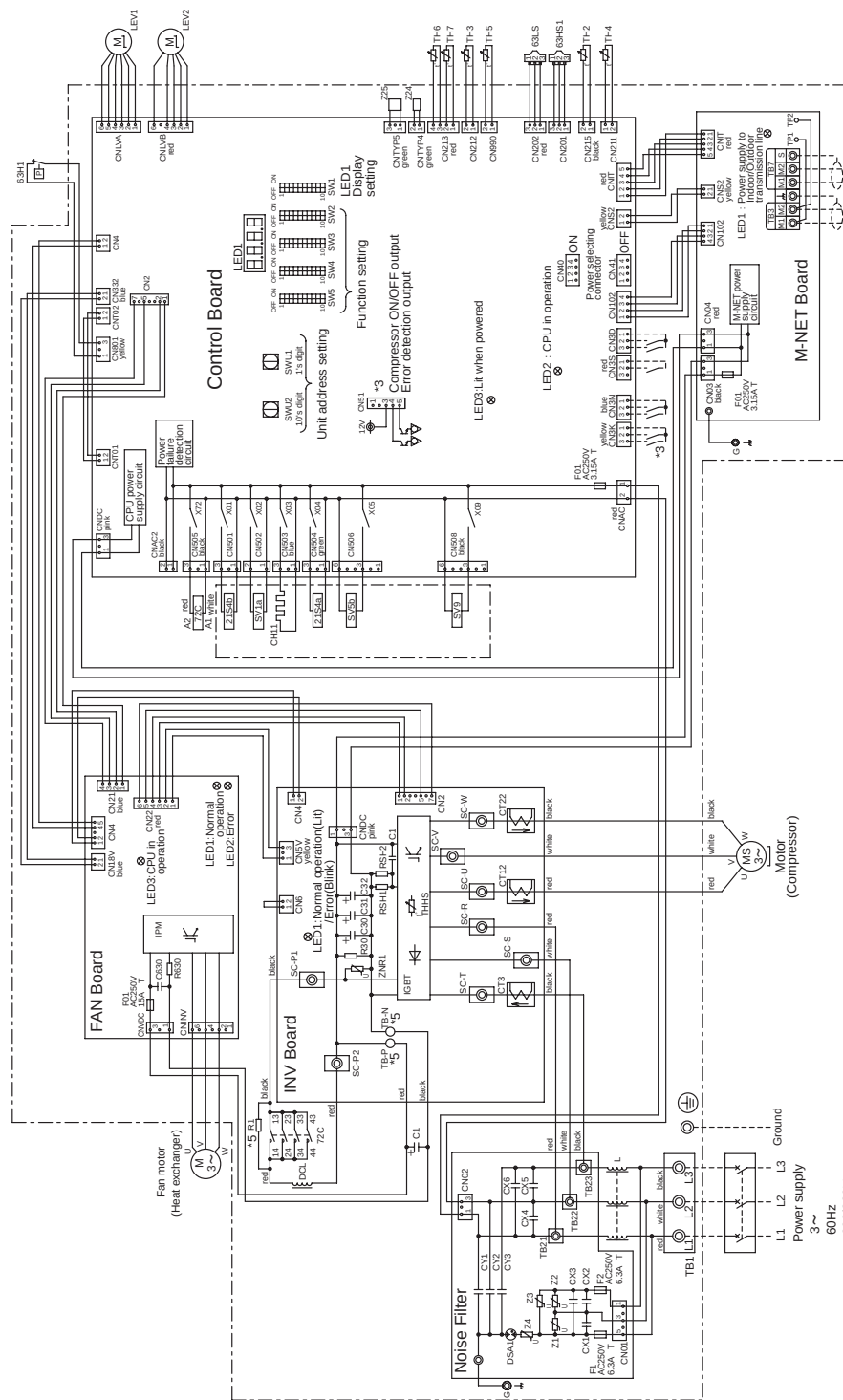


Unit : mm[in.]

Model	X	Y	Z
PUHY-P120TJMU-A (-BS)	705[27-25/32]	310[12-7/32]	660[25-32/32]
PUHY-P144TJMU-A (-BS)	705[27-25/32]	310[12-7/32]	660[25-32/32]
PUHY-P120YJMU-A (-BS)	740[29-5/32]	300[11-26/32]	650[25-19/32]
PUHY-P144YJMU-A (-BS)	740[29-5/32]	300[11-26/32]	650[25-19/32]

4. ELECTRICAL WIRING DIAGRAMS

PUHY-P72TJMU-A(-BS)



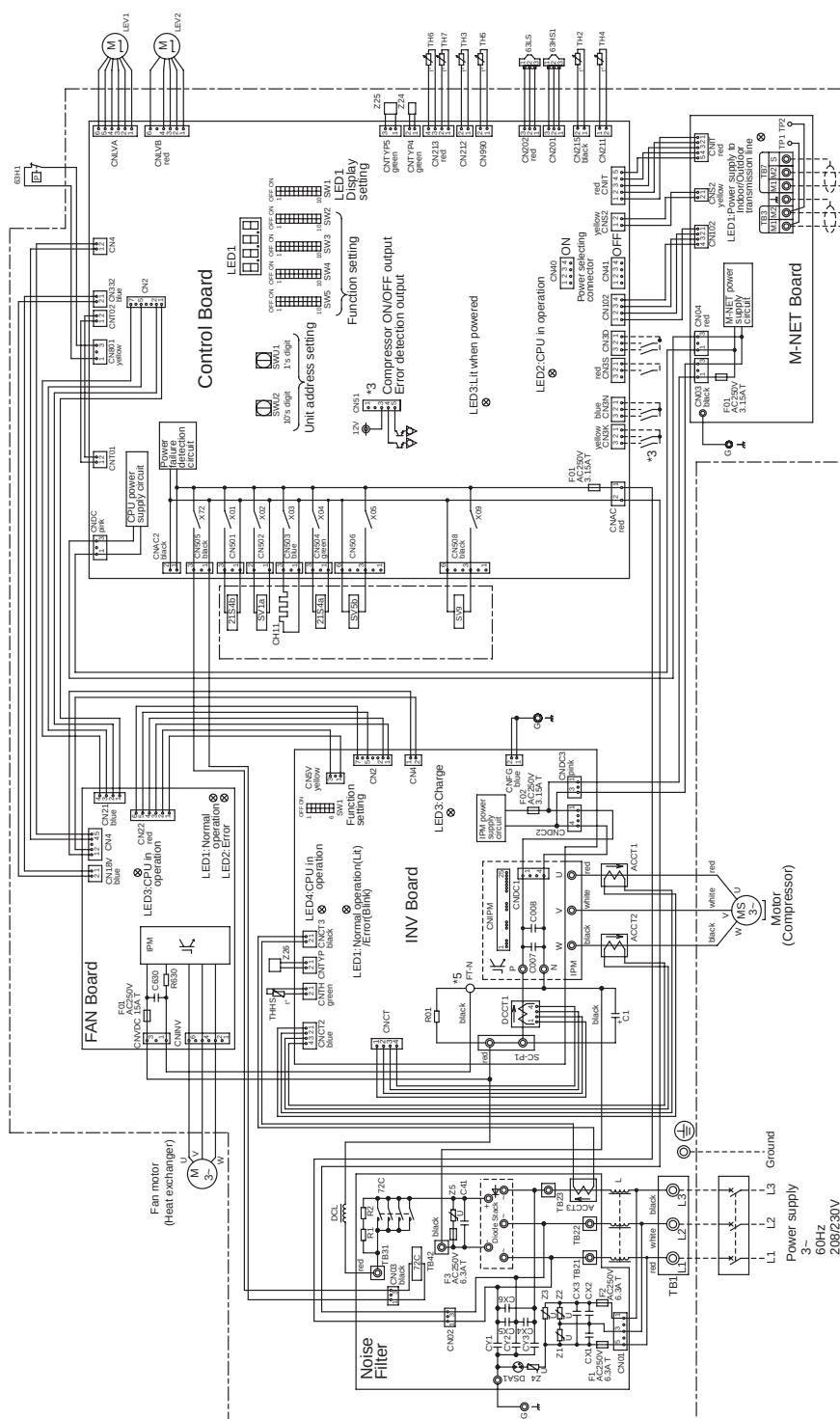
- *1. Single-dotted lines indicate wiring not supplied with the unit.
- *2. Dot-dash lines indicate the control box boundaries.
- *3. Refer to the Data book for connecting input/output signal connectors.
- *4. Daisy-chain terminals (TB3) on the outdoor units in the same refrigerant system together.
- *5. Faston terminals have a locking function. Make sure the terminals are securely locked in place after insertion. Press the tab on the terminals to remove them.

<Symbol explanation>

Symbol	Explanation	Symbol	Explanation
T1S4a	Cooling/Heating switching	TB1	Power supply
T1S4b	Heat exchanger capacity control	TB3	Indoor/Outdoor transmission cable
63H1	High pressure protection for the compressor	TB7	Central control transmission cable
63H51	Pressure sensor	TH2	Subcool bypass outlet temperature
63L5	Low pressure	TH3	Pipe temperature
Z2C	Magnetic relay (inverter main circuit)	TH4	Discharge pipe temperature
CT12.22.3	Current sensor (AC)	TH5	ACC inlet pipe temperature
CH11	Crankcase heater (for heating the compressor)	TH6	Subcooled liquid refrigerant temperature
DCL	DC reactor	TH7	COA temperature
LEV1	Linear expansion valve	TH8	Function setting connector
LEV2	Linear expansion valve	Z24.25	Function setting connector
SV1a	Solenoid valve		
SV5b	Outdoor unit heat exchanger capacity control		
SV9	For opening/closing the bypass circuit		

4. ELECTRICAL WIRING DIAGRAMS

PUHY-P96TJMU-A(-BS)



<Symbol explanation>

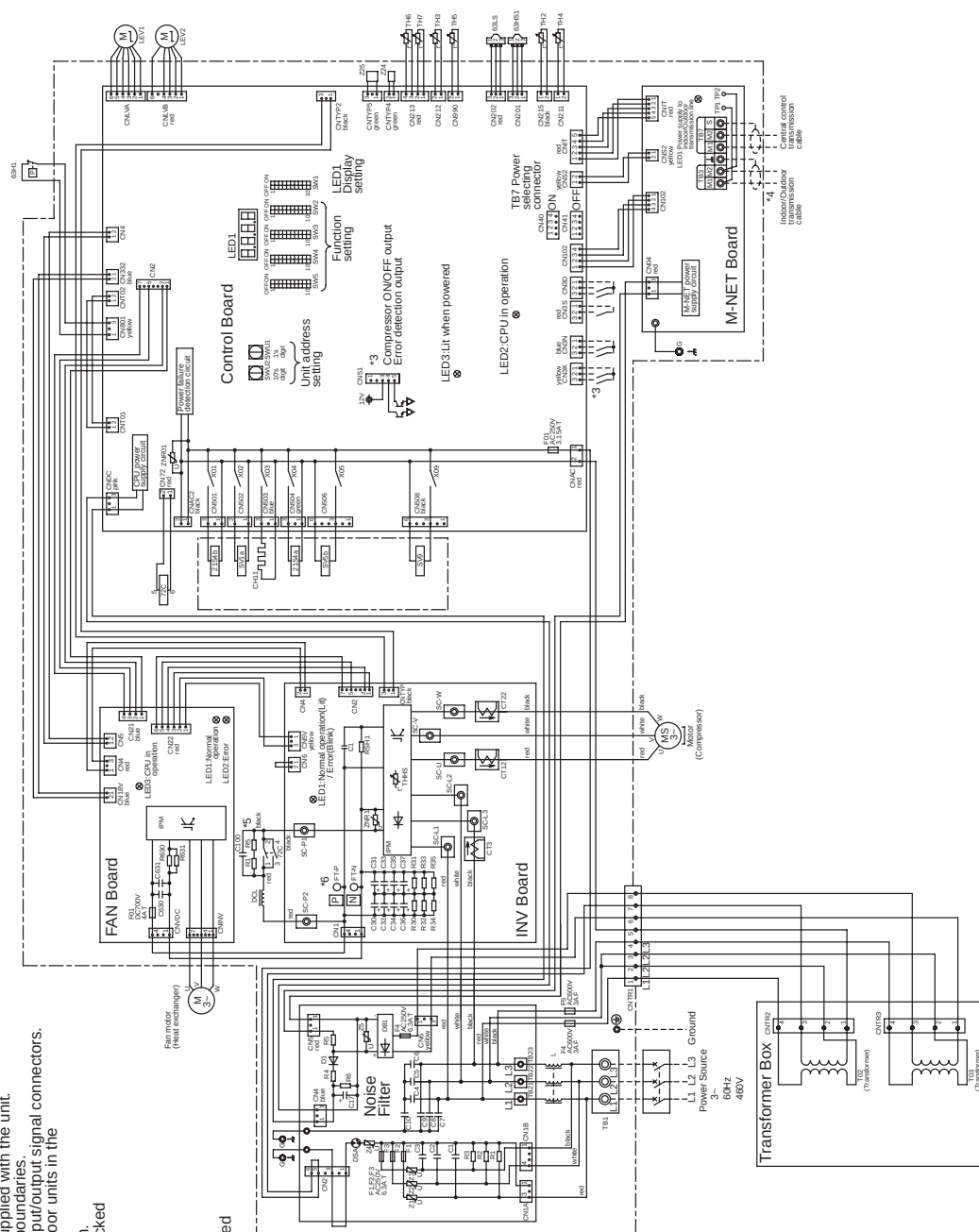
Symbol	Explanation	Symbol	Explanation
21S4a	4-way valve	TB1	Power supply
21S4b	Coating/Heating switching	TB3	Indoor/Outdoor transmission cable
63H1	Heat exchanger capacity control	TB7	Central control transmission cable
63H2	High pressure protection for the outdoor unit	TH2	Thermistor
63H3	Pressure switch	TH3	Subcool bypass outlet temperature
63H4	Discharge pressure	TH4	Pipe temperature
72C	Pressure sensor	TH5	Discharge pipe temperature
ACC11.2.3	Current sensor(AC)	TH6	ACC inlet pipe temperature
CH11	Magnetic relay(inverter main circuit)	TH7	Subcooled liquid refrigerant temperature
DCCT1	Crankcase heater(for heating the compressor)	TH8	OIL temperature
DCL	DC reactor	TH9	IGBT temperature
LEV1	Linear transmission valve	TH10	Function setting connector
LEV2	Pressure control		
SV1a	Pressure control		
SV1b	For opening/closing the bypass circuit		
SV9	For opening/closing the bypass circuit		

- *1. Single-dotted lines indicate wiring not supplied with the unit.
- *2. Dot-dash lines indicate the control box boundaries.
- *3. Refer to the Data book for connecting input/output signal connectors.
- *4. Daisy-chain terminals (TB3) on the outdoor units in the same refrigerant system together.
- *5. Faston terminals have a locking function. Make sure the terminals are securely locked in place after insertion. Press the tab on the terminals to remove them.

Symbol	Explanation	Symbol	Explanation
4-way valve	Circuit switching	TB1	Pipe temperature
21SAb.c	Heat exchanger capacity control	TB3	Indoor/outdoor transmission cable
5ZF	Magnetic contactor(FAN)	TB7	Central control transmission cable
63H1	Pressure switch	TH2	Subcoil bypass outlet temperature
63HS1	Pressure sensor	TH3	Pipe temperature
63LS	Low pressure	TH4	Discharge pipe temperature
63MS	Magnetic relay(inverter main circuit)	TH6	ACC inlet pipe temperature
ACCT1,2,3	Current sensor(AC)	TH7	Succooled liquid refrigerant temperature
CHT1	Crankcase heater(for heating the compressor)	TH8	Gas temperature
DCCT1	DC reactor	TH9	IGBT temperature
LEV1	Linear expansion valve		
LEV2	HIC bypass Controls refrigerant flow in H/C circuit	Z24,Z25,Z6	Function setting connector
Solenoid valve	Pressure control, Refrigerant flow rate control		
SV1a	For opening/closing the bypass circuit under the OS		
SV95,c	Outdoor unit heat exchanger capacity control		
SV9b	Indoor unit heat exchanger capacity control		

4. ELECTRICAL WIRING DIAGRAMS

PUHY-P72, 96YJMU-A(-BS)



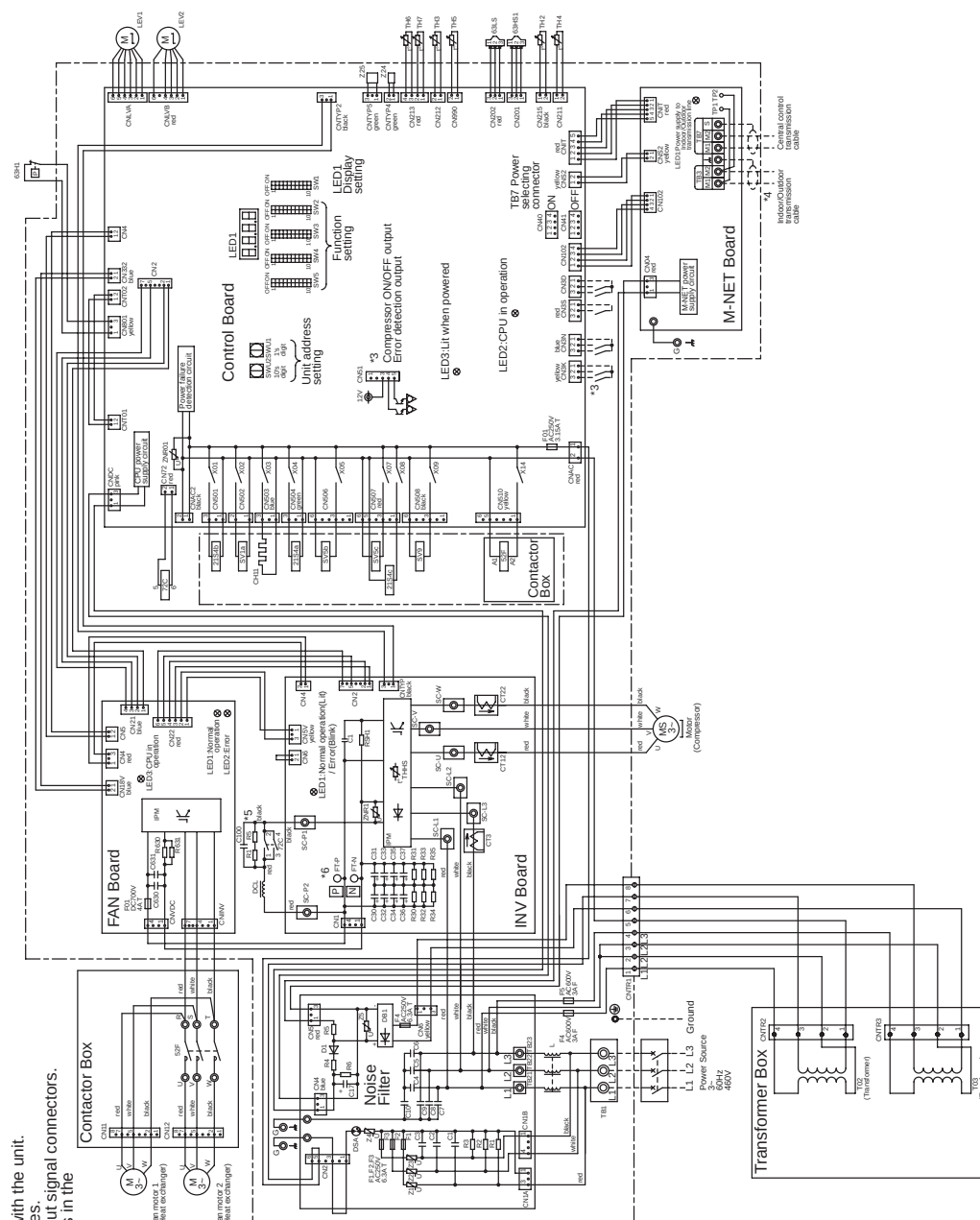
- *1. Single-dotted lines indicate wiring not supplied with the unit.
- *2. Dot-dash lines indicate the control box boundaries.
- *3. Refer to the Data book for connecting input/output signal connectors.
- *4. Daisy-chain terminals (TB3) on the outdoor units in the same refrigerant system together.
- *5. Fasion terminals have a locking function.
Make sure the terminals are securely locked in place after insertion. Press the tab on the terminals to remove them.
- *6. Control box houses high-voltage parts.
Before inspecting the inside of the control box, turn off the power, keep the unit off for at least 10 minutes, and confirm that the voltage between FT-P and FT-N on INV Board has dropped to DC20V or less.

<Symbol explanation>

Symbol	Explanation
21S-4a	Cooling/Heating switching
21S-4b	Heat exchanger capacity control
63H1	Pressure high pressure protection (or the high pressure protection)
63H2	Pressure low pressure protection
63H3	Pressure sensor
72C	Magnetic relay (inverter main circuit)
CT12-22-3	Current sensor (AC)
DCL	DC reactor (inverter heating the compressor)
LEV1	Linear expansion valve
LEV2	HIC bypass Controls refrigerant flow in HIC circuit
SV1a	Pressure control/Refrigerant flow rate control
SV9b	For opening/closing the bypass circuit under the O/S
SV9	Outdoor unit heat exchanger capacity control
TB1	For opening/closing the bypass circuit
TB3	Power supply
TB7	Indoor/Outdoor transmission cable
TB7	Central control transmission cable
TH2	Indoor bypass outlet temperature
TH3	Pipe temperature
TH4	Discharge pipe temperature
TH5	A/C inlet pipe temperature
TH6	Subcooling liquid refrigerant temperature
TH7	OA temperature
THHS	IGBT temperature
Z24,25	Function setting connector

4. ELECTRICAL WIRING DIAGRAMS

PUHY-P120, 144YJMU-A(-BS)



*1 Single-dotted lines indicate wiring not supplied with the unit.

*2 Dot-dash lines indicate the control box boundaries.

*3 Refer to the Data book for connecting input/output signal connectors.

*4 Daisy-chain terminals (TB3) on the outdoor units in the same refrigerant system together.

*5 Faston terminals have a locking function.

Make sure the terminals are securely locked in place after insertion. Press the tab on the terminals to remove them.

*6 Control box houses high-voltage parts.

Before inspecting the inside of the control box, turn off the power, keep the unit off for at least 10 minutes,

and confirm that the voltage between FT-P and FT-N on INV Board has dropped

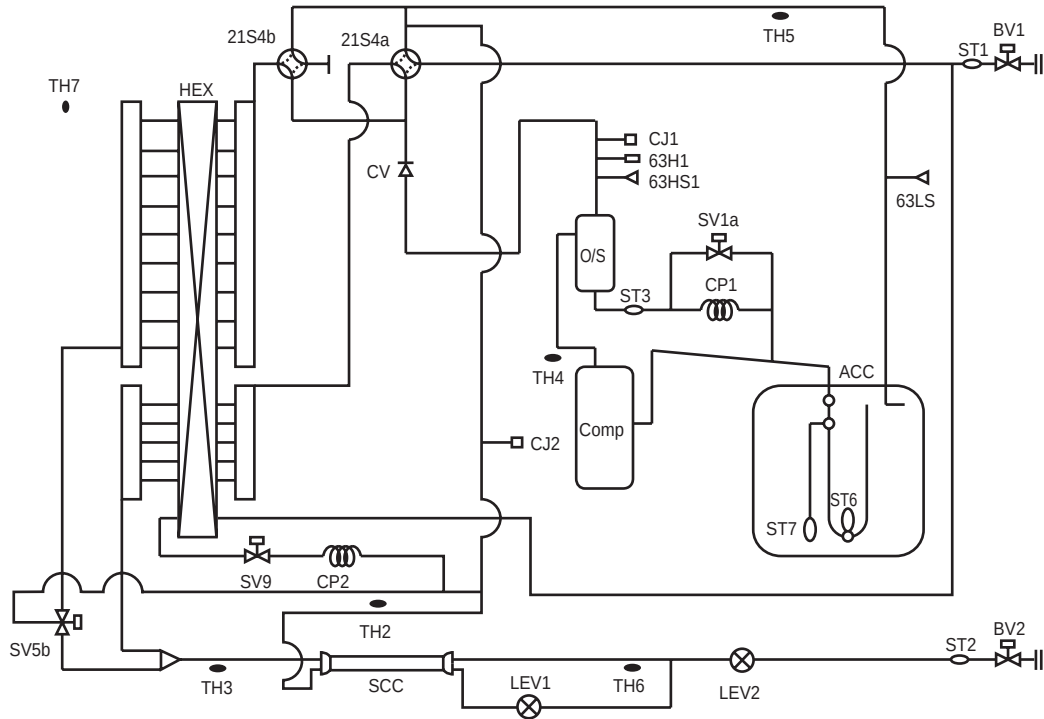
to DC20V or less.

<Symbol explanation>

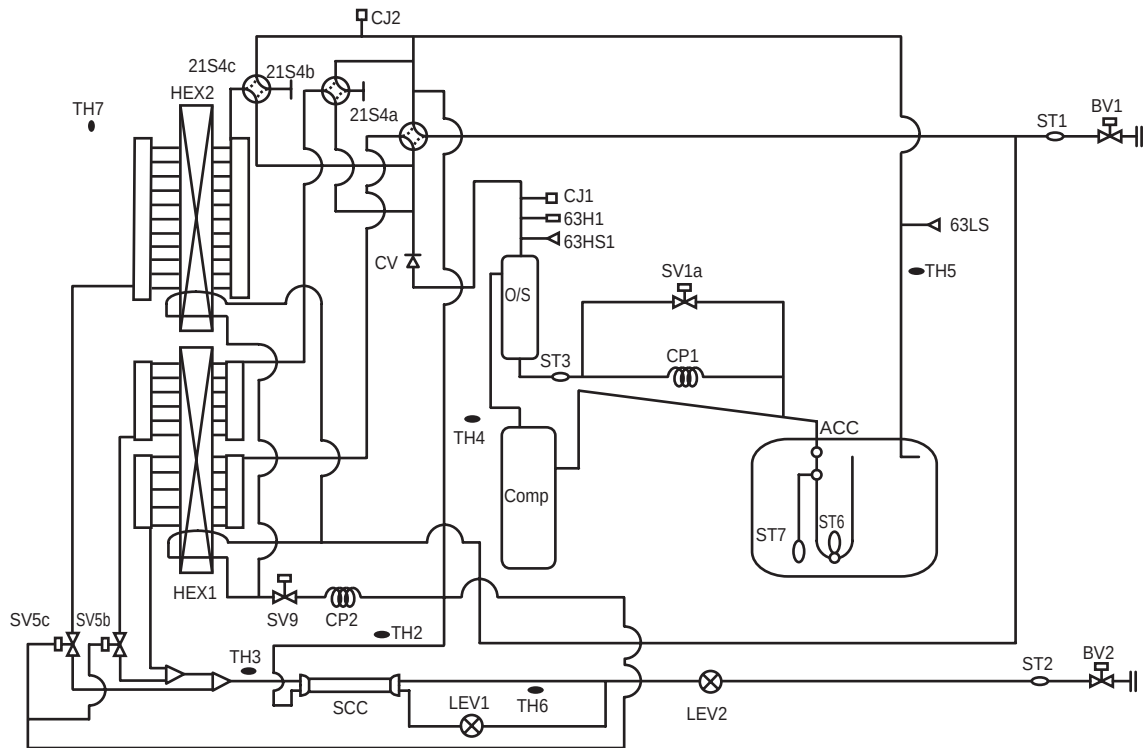
Symbol	Explanation
21.S4a	4-way valve [Cooling/Heating switching]
21.S4b.c	Heat exchanger capacity control
59F	Magnetic contactor(FAN)
69H1	Pressure switch
69H2	Pressure switch
69H3	Pressure switch
69H4	Pressure switch
69H5	Pressure switch
69H6	Pressure switch
69H7	Pressure switch
69H8	Pressure switch
69H9	Pressure switch
69H10	Pressure switch
69H11	Pressure switch
69H12	Pressure switch
69H13	Pressure switch
69H14	Pressure switch
69H15	Pressure switch
69H16	Pressure switch
69H17	Pressure switch
69H18	Pressure switch
69H19	Pressure switch
69H20	Pressure switch
69H21	Pressure switch
69H22	Pressure switch
69H23	Pressure switch
69H24	Pressure switch
69H25	Pressure switch
69H26	Pressure switch
69H27	Pressure switch
69H28	Pressure switch
69H29	Pressure switch
69H30	Pressure switch
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69H68	Pressure switch
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69H85	Pressure switch
69H86	Pressure switch
69H87	Pressure switch
69H88	Pressure switch
69H89	Pressure switch
69H90	Pressure switch
69H91	Pressure switch
69H92	Pressure switch
69H93	Pressure switch
69H94	Pressure switch
69H95	Pressure switch
69H96	Pressure switch
69H97	Pressure switch
69H98	Pressure switch
69H99	Pressure switch
69H100	Pressure switch

5. REFRIGERANT CIRCUIT DIAGRAMS

PUHY-P72, P96

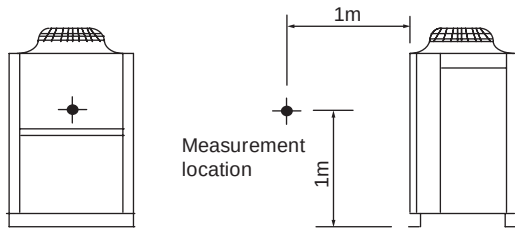


PUHY-P120, P144

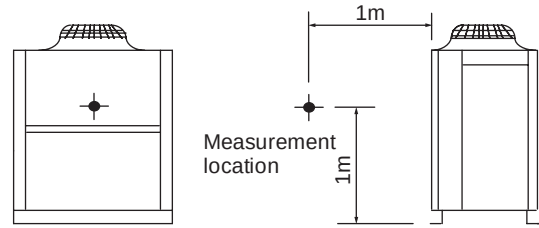


6. SOUND PRESSURE LEVELS

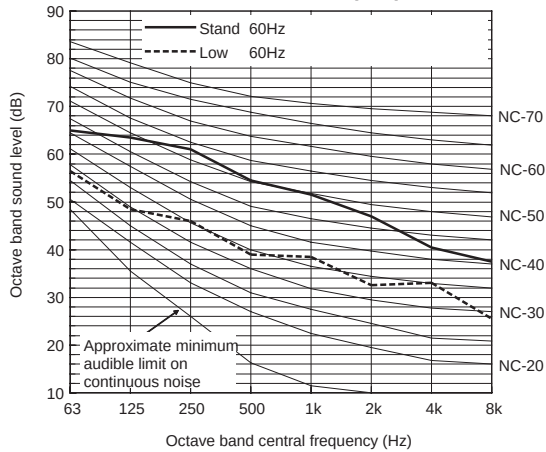
Measurement condition PUHY-P72TJMU/YJMU



Measurement condition PUHY-P96TJMU/YJMU



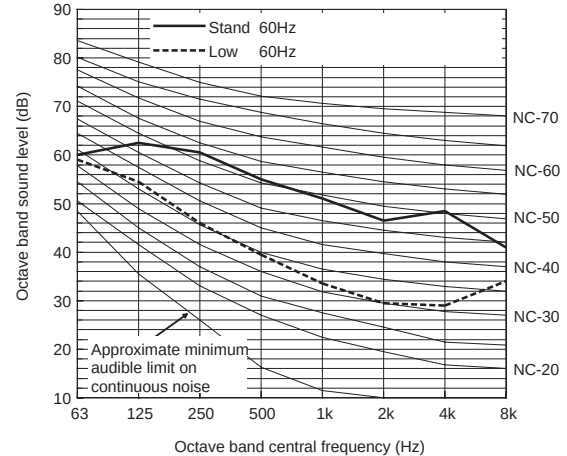
Sound level of PUHY-P72T/YJMU-A(-BS)



		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	65.0	63.5	61.0	54.5	51.5	47.0	40.5	37.5	58.0
Low noise mode	60Hz	56.5	48.5	46.0	39.0	38.5	32.5	33.0	25.5	44.0

When Low noise mode is set the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

Sound level of PUHY-P96T/YJMU-A(-BS)

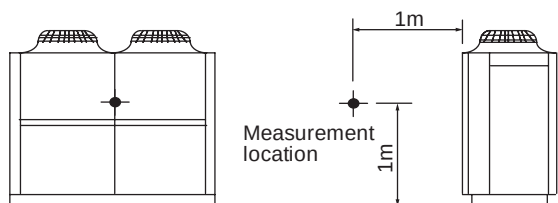


		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	60.0	62.5	60.5	55.0	51.0	46.5	48.5	41.0	58.0
Low noise mode	60Hz	59.0	54.5	46.0	39.5	33.5	29.5	29.0	34.0	44.0

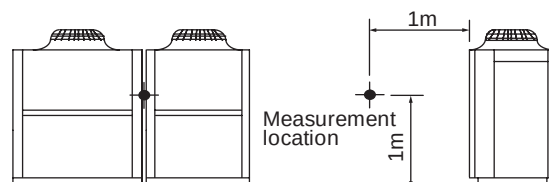
When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

6. SOUND PRESSURE LEVELS

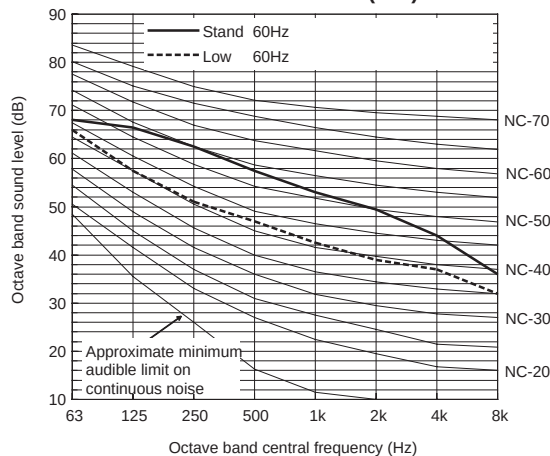
Measurement condition
PUHY-P120,144TJMU/YJMU



Measurement condition
PUHY-P168TSJMU/YSJMU



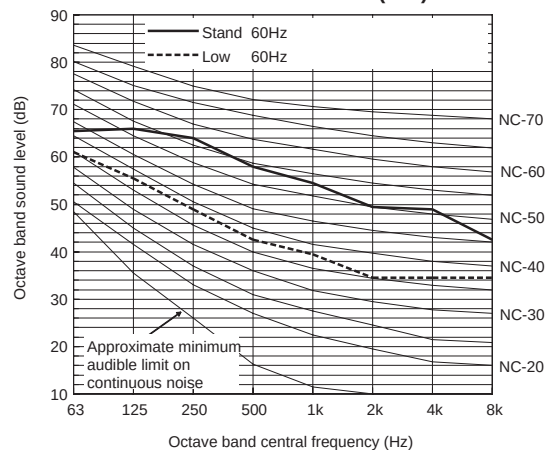
Sound level of PUHY-P120T/YJMU-A(-BS)



		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	68.0	66.5	62.5	57.5	53.0	49.5	44.0	36.0	60.0
Low noise mode	60Hz	66.0	57.5	51.0	47.0	42.5	39.0	37.0	32.0	50.0

When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

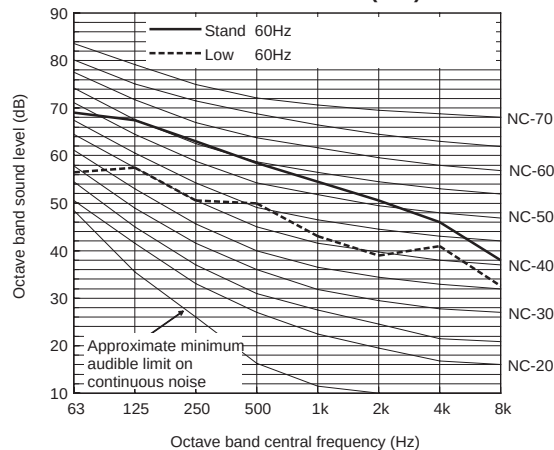
Sound level of PUHY-P168T/YSJMU-A(-BS)



		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	65.5	66.0	64.0	58.0	54.5	49.5	49.0	42.5	61.0
Low noise mode	60Hz	61.0	55.5	49.0	42.5	39.5	34.5	34.5	34.5	47.0

When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

Sound level of PUHY-P144T/YJMU-A(-BS)

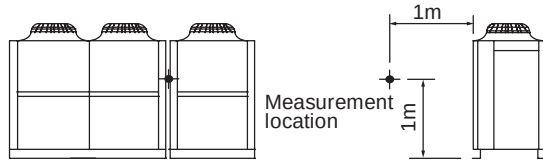


		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	69.0	67.5	63.0	58.5	54.5	50.5	46.0	38.0	61.0
Low noise mode	60Hz	56.5	57.5	50.5	50.0	43.0	39.0	41.0	32.5	51.0

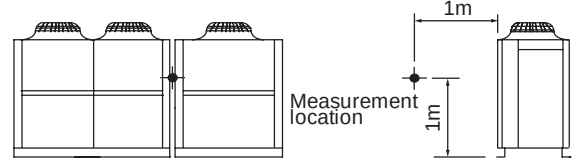
When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

6. SOUND PRESSURE LEVELS

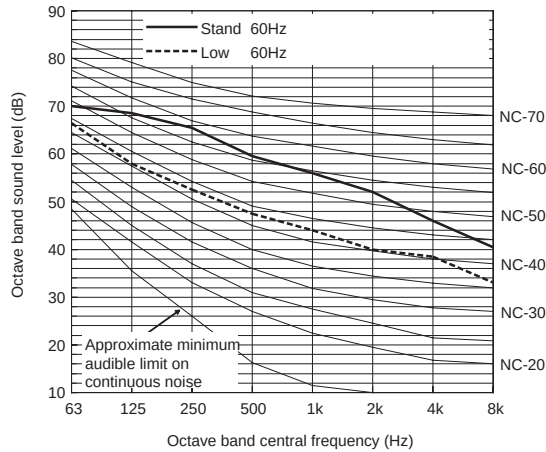
Measurement condition PUHY-P192TSJMU/YSJMU



Measurement condition PUHY-P216TSJMU/YSJMU



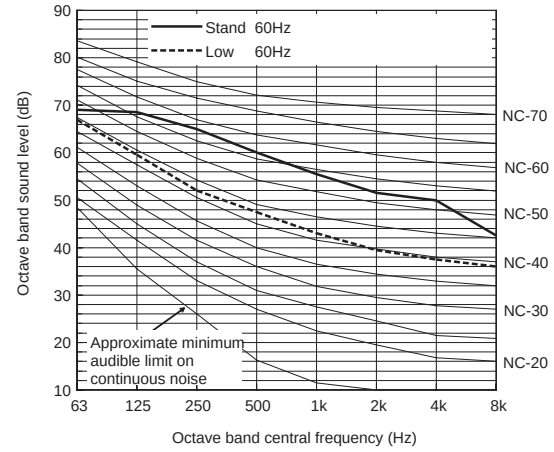
Sound level of PUHY-P192T/YSJMU-A(-BS)



		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	70.0	68.5	65.5	59.5	56.0	52.0	46.0	40.5	62.5
Low noise mode	60Hz	66.5	58.0	52.5	47.5	44.0	40.0	38.5	33.0	51.0

When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

Sound level of PUHY-P216T/YSJMU-A(-BS)

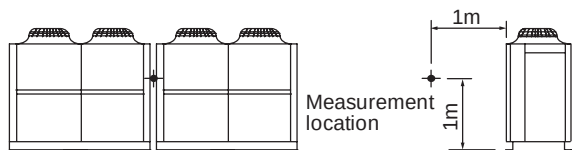


		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	69.0	68.5	65.0	60.0	55.5	51.5	50.0	42.5	62.5
Low noise mode	60Hz	67.0	59.5	52.0	47.5	43.0	39.5	37.5	36.0	51.0

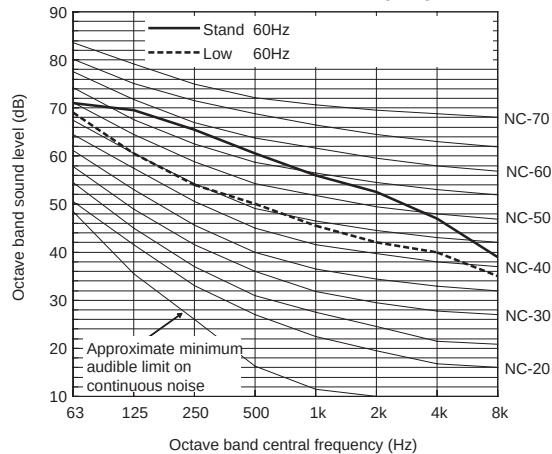
When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

6. SOUND PRESSURE LEVELS

Measurement condition PUHY-P240,264,288TSJMU/YSJMU



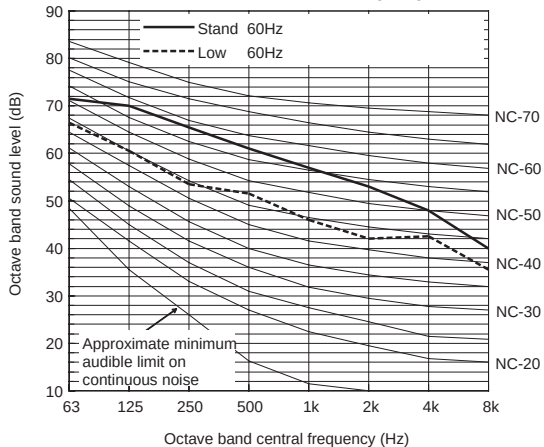
Sound level of PUHY-P240T/YSJMU-A(-BS)



		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	71.0	69.5	65.5	60.5	56.0	52.5	47.0	39.0	63.0
Low noise mode	60Hz	69.0	60.5	54.0	50.0	45.5	42.0	40.0	35.0	53.0

When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

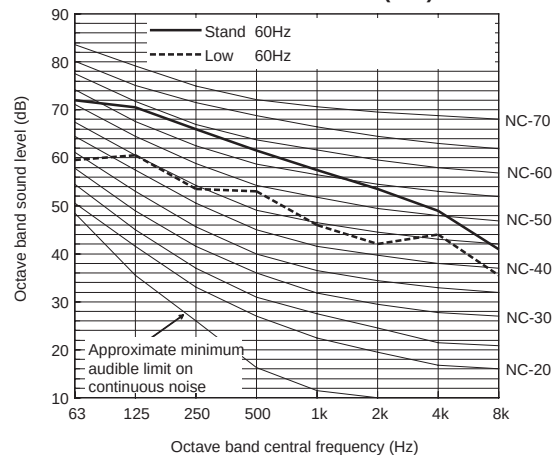
Sound level of PUHY-P264T/YSJMU-A(-BS)



		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	71.5	70.0	65.5	61.0	57.0	53.0	48.0	40.0	63.5
Low noise mode	60Hz	66.5	60.5	53.5	51.5	46.0	42.0	42.5	35.5	53.5

When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

Sound level of PUHY-P288T/YSJMU-A(-BS)

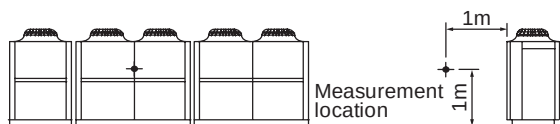


		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	72.0	70.5	66.0	61.5	57.5	53.5	49.0	41.0	64.0
Low noise mode	60Hz	59.5	60.5	53.5	53.0	46.0	42.0	44.0	35.5	54.0

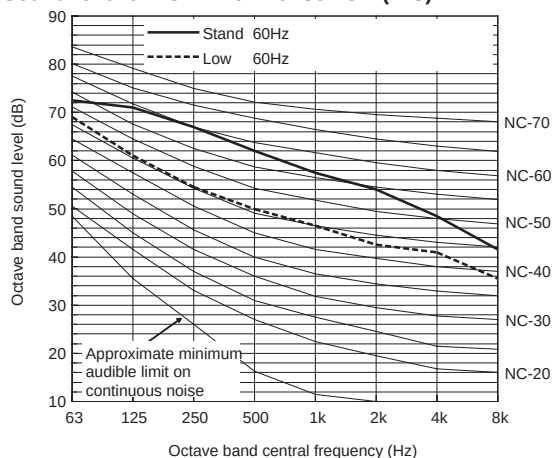
When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

6. SOUND PRESSURE LEVELS

Measurement condition PUHY-P312TSJMU/YSJMU



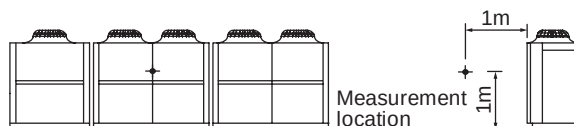
Sound level of PUHY-P312T/YSJMU-A(-BS)



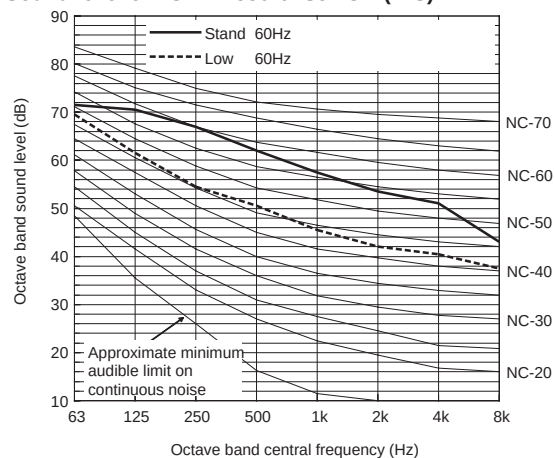
		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	72.5	71.0	67.0	62.0	57.5	54.0	48.5	41.5	64.5
Low noise mode	60Hz	69.0	61.0	54.5	50.0	46.5	42.5	41.0	35.5	53.5

When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

Measurement condition PUHY-P336,360TSJMU/YSJMU



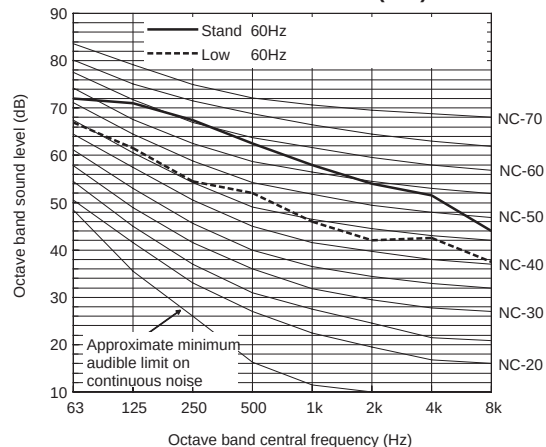
Sound level of PUHY-P336T/YSJMU-A(-BS)



		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	71.5	70.5	67.0	62.0	57.5	53.5	51.0	43.0	64.5
Low noise mode	60Hz	69.5	61.5	54.5	50.5	45.5	42.0	40.5	37.5	53.5

When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

Sound level of PUHY-P360T/YSJMU-A(-BS)



		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	72.0	71.0	67.5	62.5	58.0	54.0	51.5	44.0	65.0
Low noise mode	60Hz	67.0	61.5	54.5	52.0	46.0	42.0	42.5	37.5	54.0

When Low noise mode is set, the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

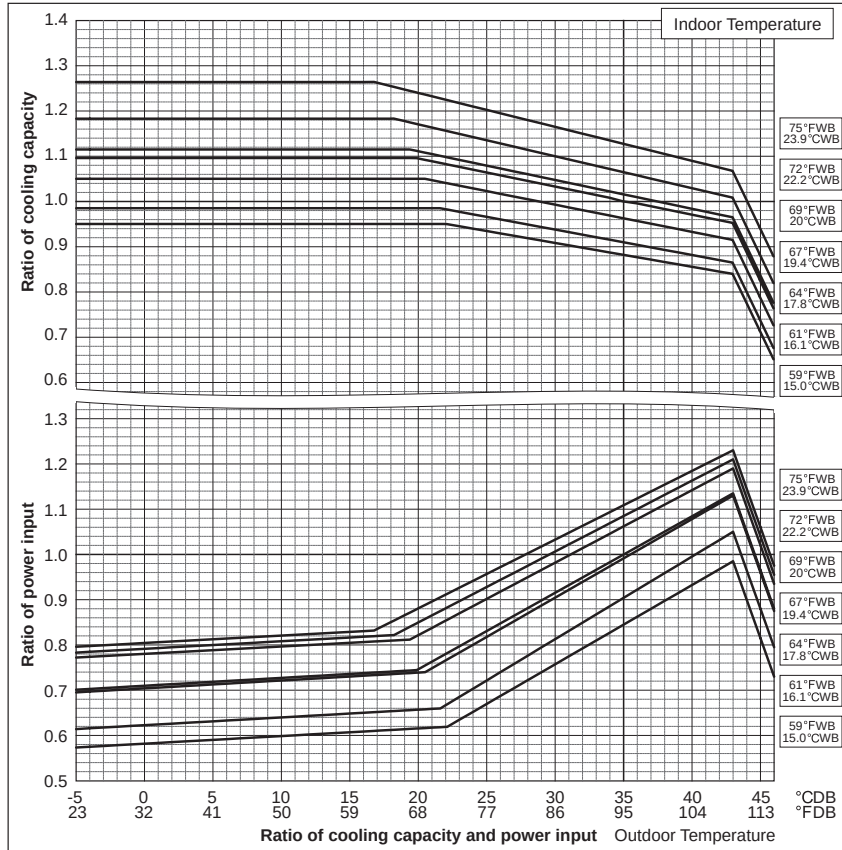
7. CAPACITY TABLES

7-1. Correction by Temperature (Standard Performance)

CITY MULTI could have various capacities at different design temperatures. Using the nominal cooling/heating capacity value and the ratio below, the capacity can be observed at various temperatures.

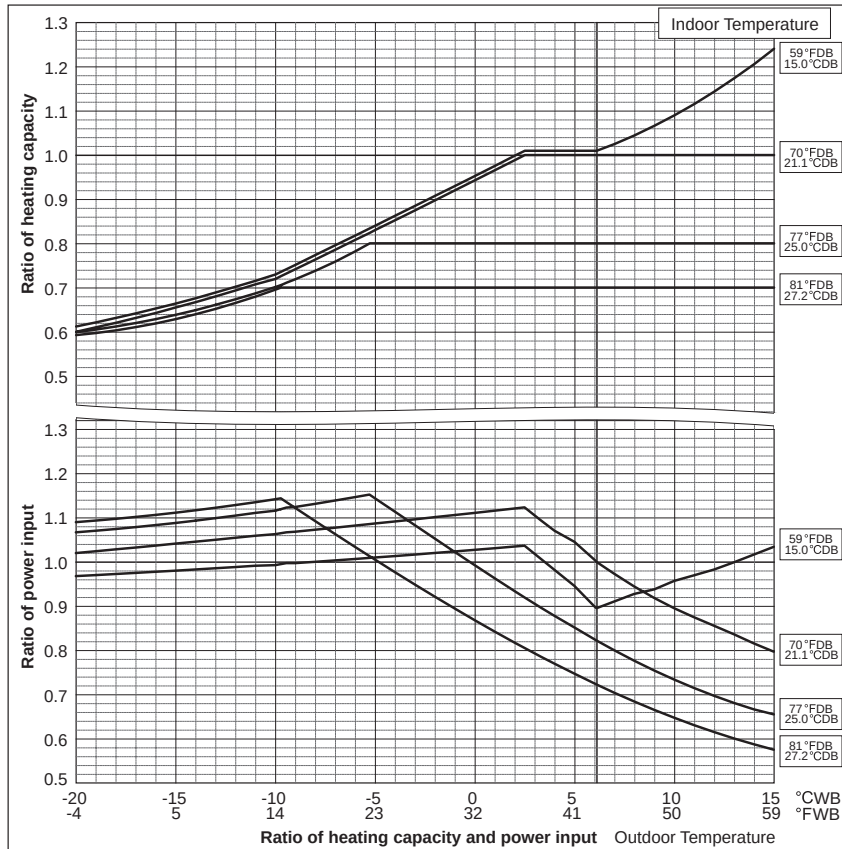
PUHY-		P72TJMU	P96TJMU
Nominal Cooling Capacity	kW	21.1	28.1
	BTU/h	72,000	96,000
Input	kW	5.27	7.95

PUHY-		P72YJMU	P96YJMU
Nominal Cooling Capacity	kW	21.1	28.1
	BTU/h	72,000	96,000
Input	kW	5.27	7.95



PUHY-		P72TJMU	P96TJMU
Nominal Heating Capacity	kW	23.4	31.7
	BTU/h	80,000	108,000
Input	kW	5.68	8.54

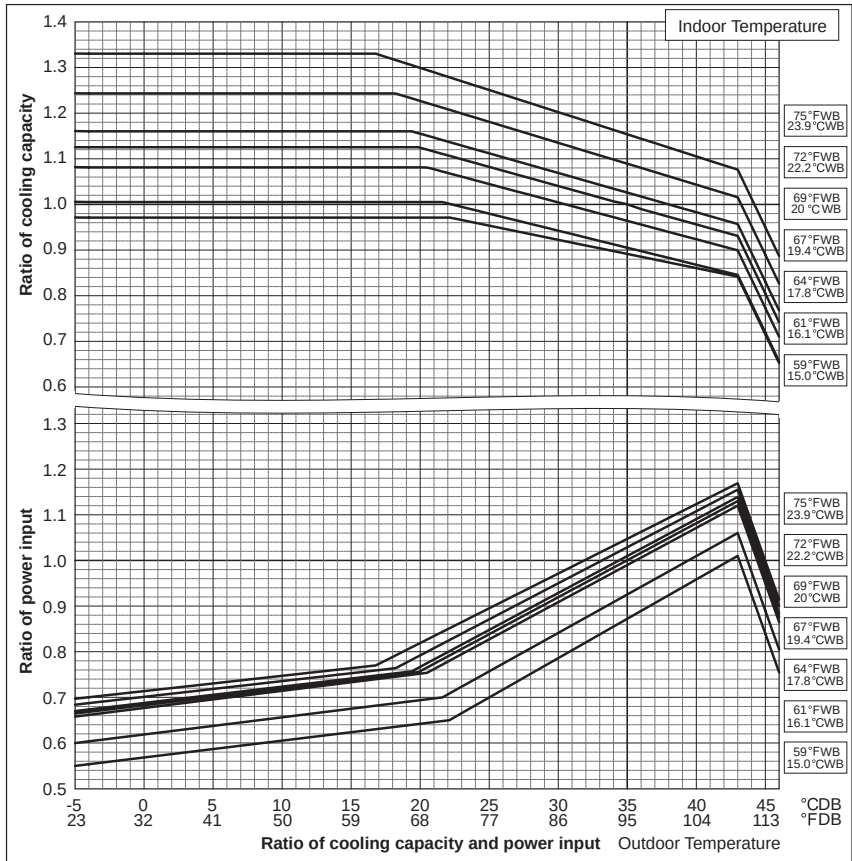
PUHY-		P72YJMU	P96YJMU
Nominal Heating Capacity	kW	23.4	31.7
	BTU/h	80,000	108,000
Input	kW	5.68	8.54



7. CAPACITY TABLES

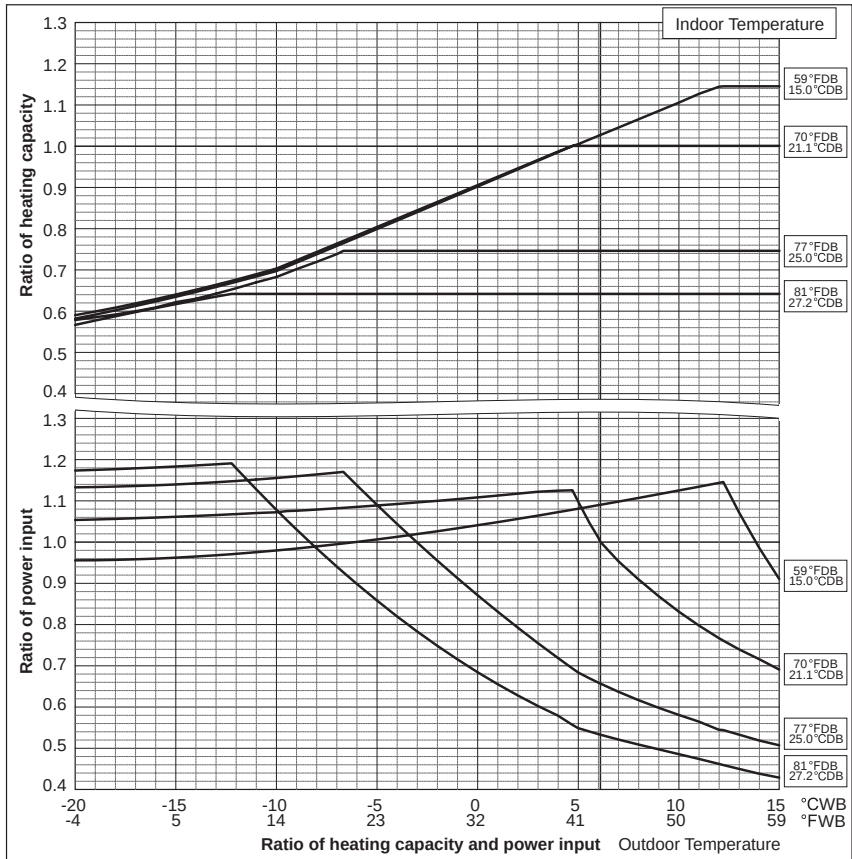
PUHY-		P120TJMU
Nominal Cooling Capacity	kW	35.2
	BTU/h	120,000
Input	kW	9.90

PUHY-		P120YJMU
Nominal Cooling Capacity	kW	35.2
	BTU/h	120,000
Input	kW	9.90



PUHY-		P120TJMU
Nominal Heating Capacity	kW	39.6
	BTU/h	135,000
Input	kW	10.41

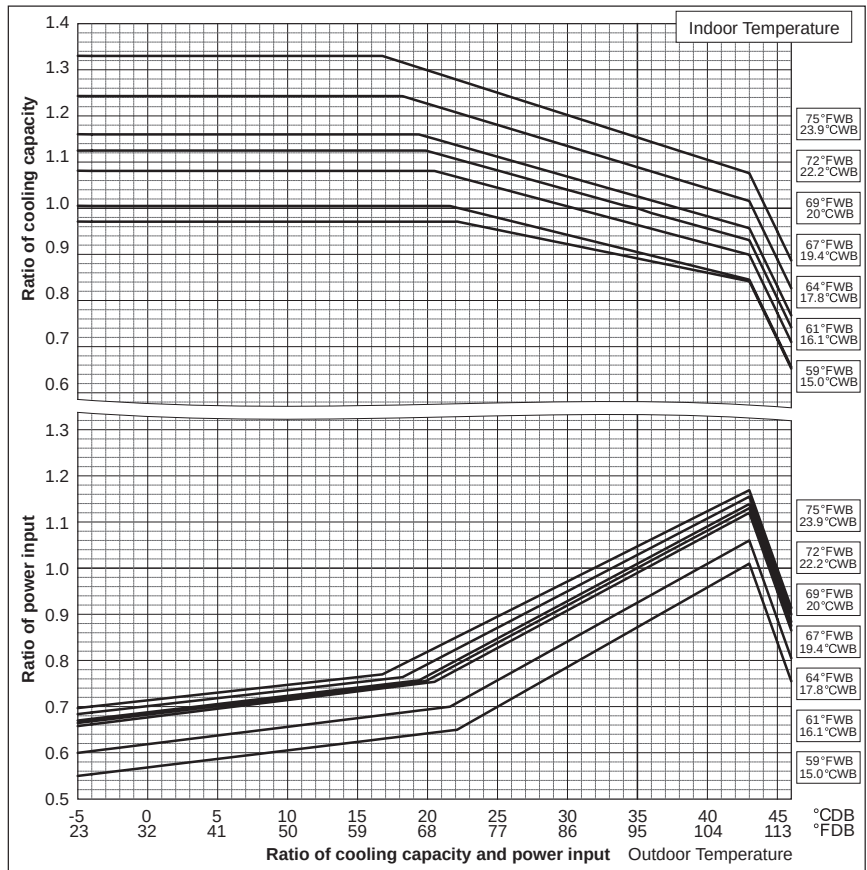
PUHY-		P120YJMU
Nominal Heating Capacity	kW	39.6
	BTU/h	135,000
Input	kW	10.41



7. CAPACITY TABLES

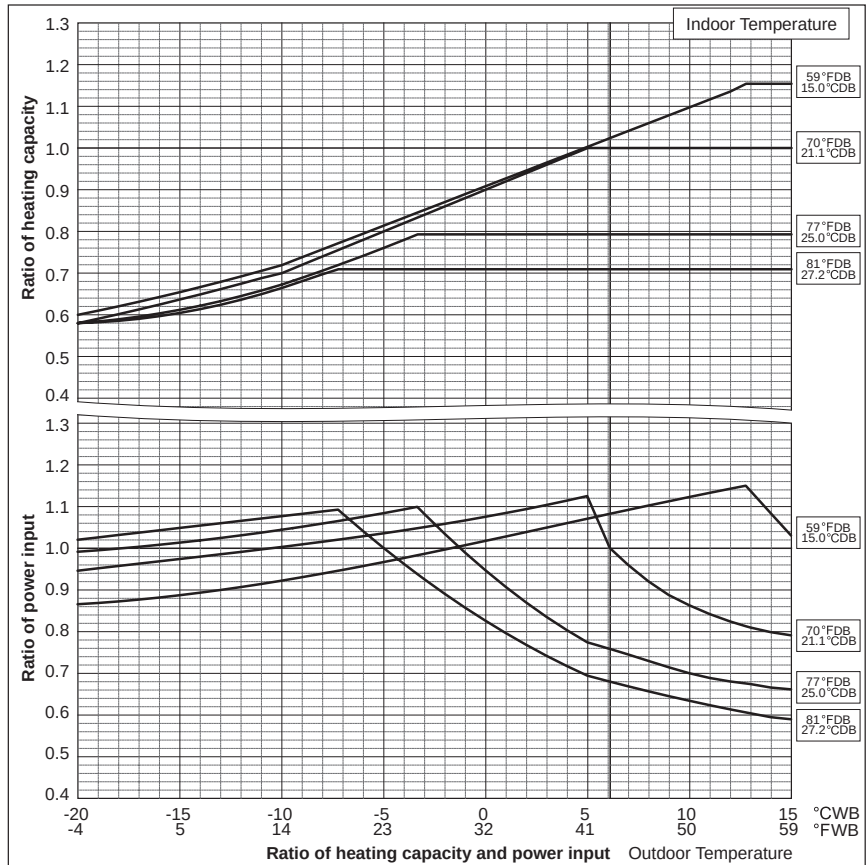
PUHY-		P144TJMU
Nominal Cooling Capacity	kW	42.2
	BTU/h	144,000
Input	kW	12.42

PUHY-		P144YJMU
Nominal Cooling Capacity	kW	42.2
	BTU/h	144,000
Input	kW	12.42



PUHY-		P144TJMU
Nominal Heating Capacity	kW	46.9
	BTU/h	160,000
Input	kW	13.08

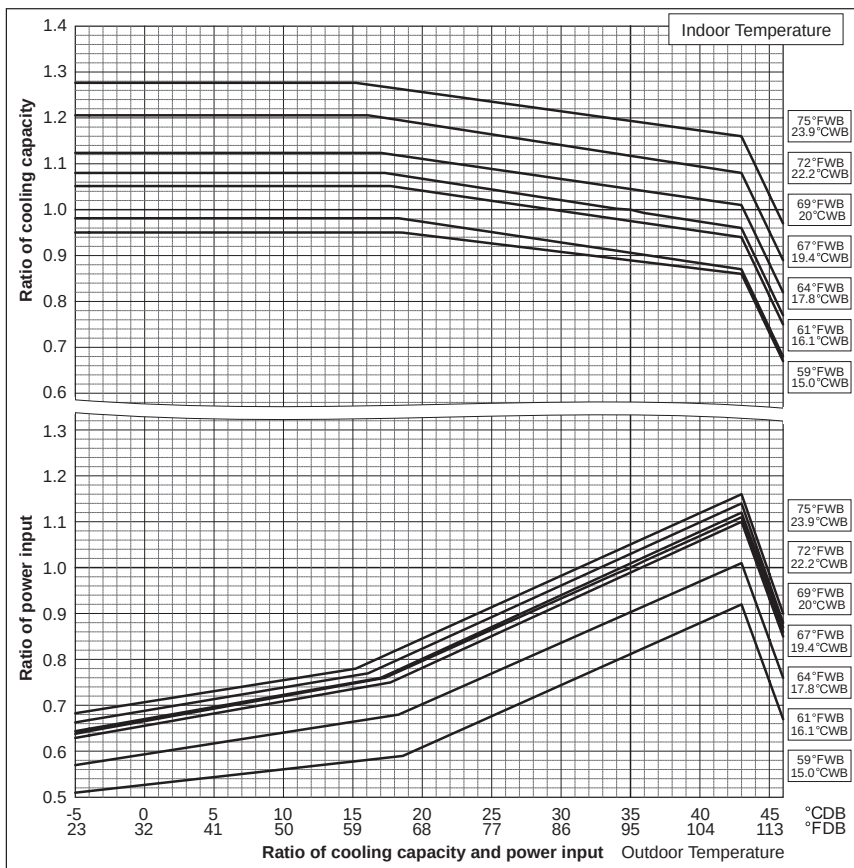
PUHY-		P144YJMU
Nominal Heating Capacity	kW	46.9
	BTU/h	160,000
Input	kW	13.08



7. CAPACITY TABLES

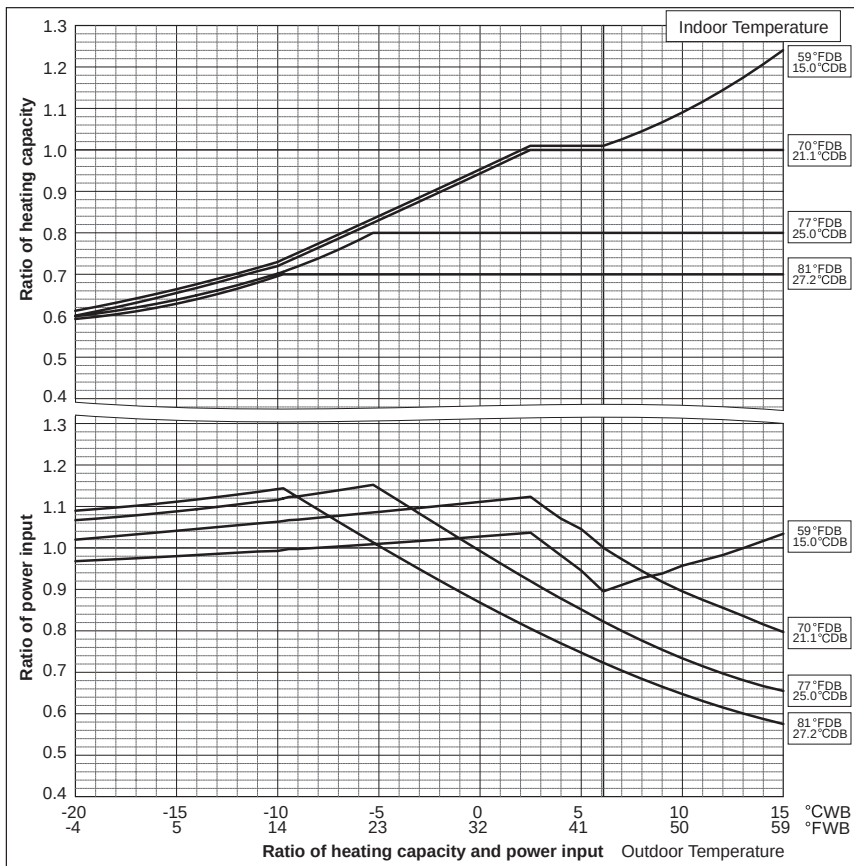
PUHY-		P168TSJMU	P192TSJMU
Nominal Cooling Capacity	kW	49.2	56.3
	BTU/h	168,000	192,000
Input	kW	13.62	15.63

PUHY-		P168YSJMU	P192YSJMU
Nominal Cooling Capacity	kW	49.2	56.3
	BTU/h	168,000	192,000
Input	kW	13.62	15.63



PUHY-		P168TSJMU	P192TSJMU
Nominal Heating Capacity	kW	55.1	63.0
	BTU/h	188,000	215,000
Input	kW	14.65	16.57

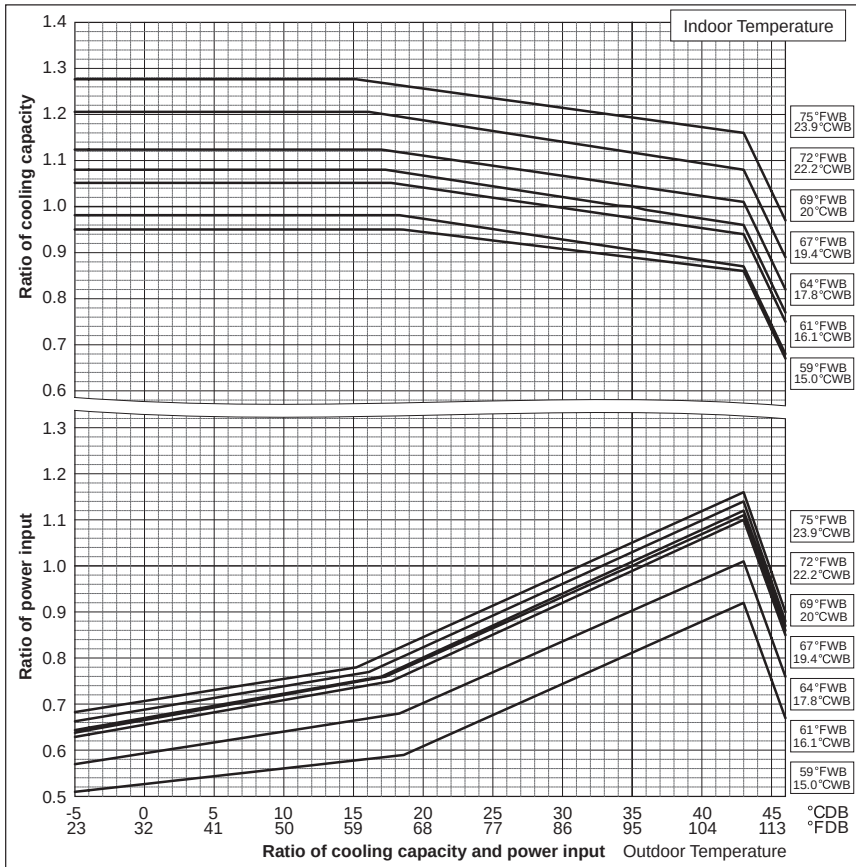
PUHY-		P168YSJMU	P192YSJMU
Nominal Heating Capacity	kW	55.1	63.0
	BTU/h	188,000	215,000
Input	kW	14.65	16.57



7. CAPACITY TABLES

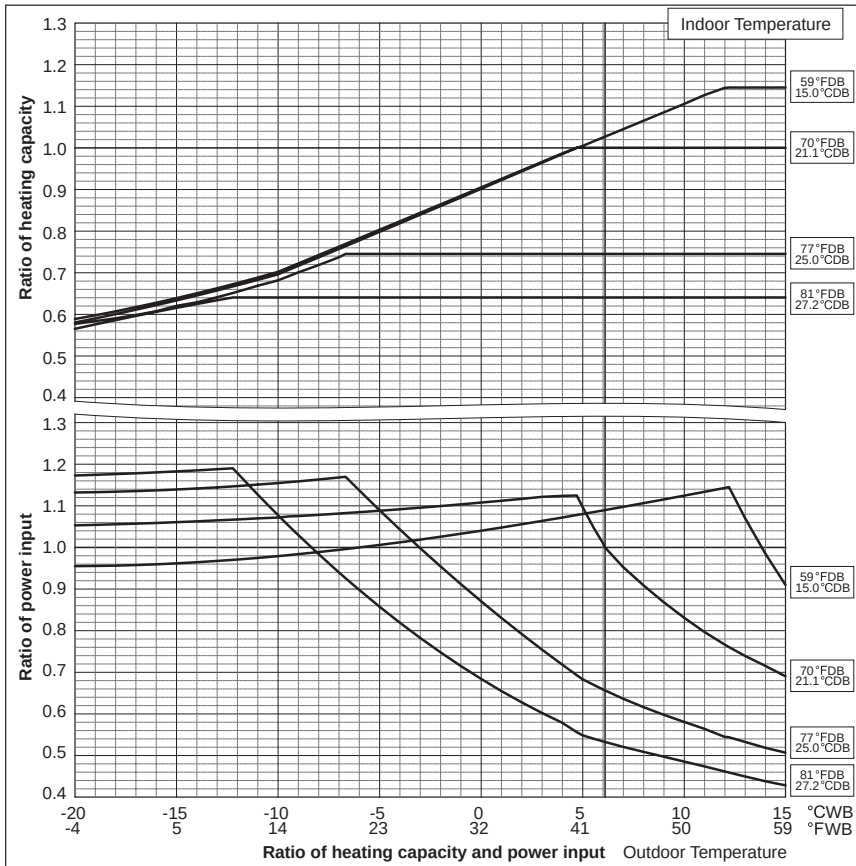
PUHY-		P216TSJMU	P240TSJMU
Nominal Cooling Capacity	kW	63.3	70.3
	BTU/h	216,000	240,000
Input	kW	18.39	20.39

PUHY-		P216YSJMU	P240YSJMU
Nominal Cooling Capacity	kW	63.3	70.3
	BTU/h	216,000	240,000
Input	kW	18.39	20.39



PUHY-		P216YSJMU	P240YSJMU
Nominal Heating Capacity	kW	71.2	79.1
	BTU/h	243,000	270,000
Input	kW	19.52	21.44

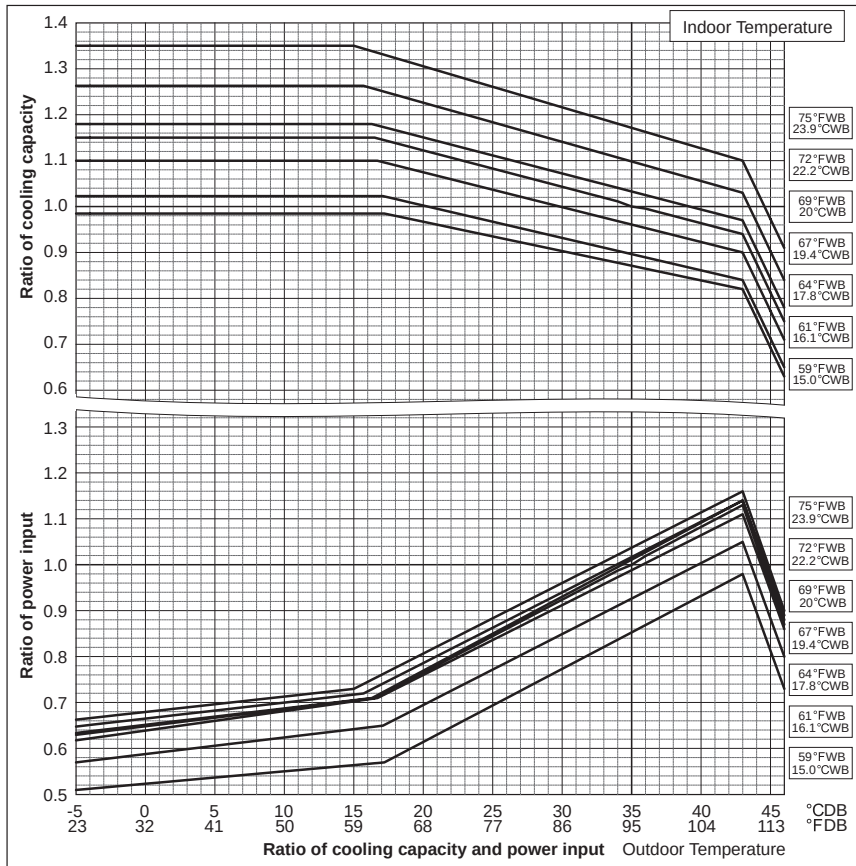
PUHY-		P216YSJMU	P240YSJMU
Nominal Heating Capacity	kW	71.2	79.1
	BTU/h	243,000	270,000
Input	kW	19.52	21.44



7. CAPACITY TABLES

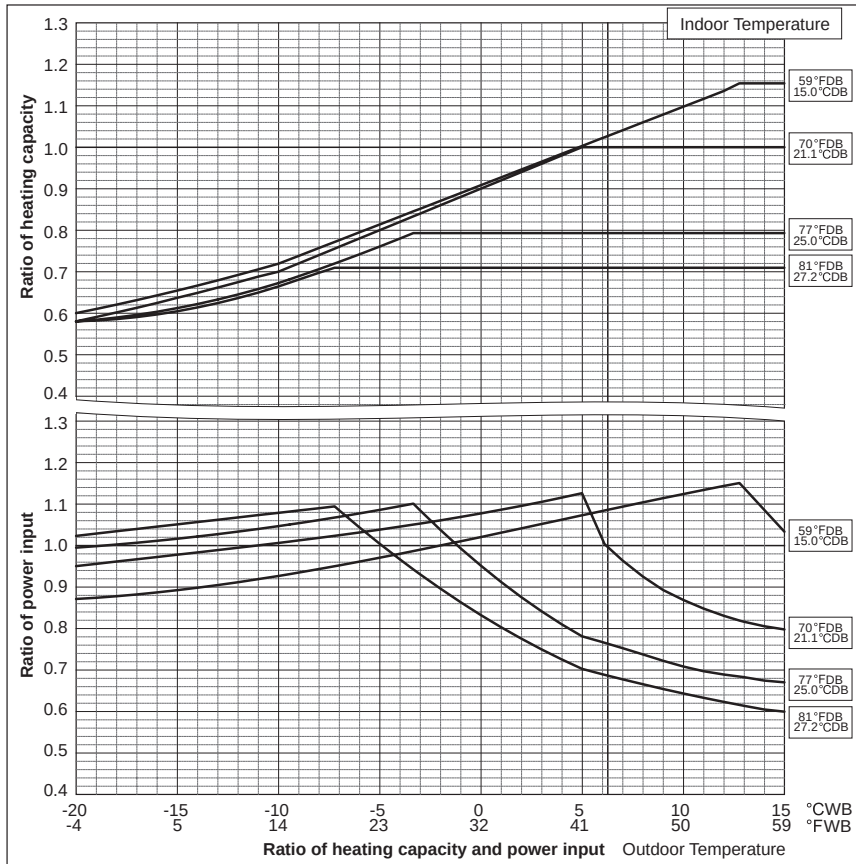
PUHY-		P264TSJMU	P288TSJMU
Nominal Cooling Capacity	kW	77.4	84.4
	BTU/h	264,000	288,000
Input	kW	22.99	25.59

PUHY-		P264YSJMU	P288YSJMU
Nominal Cooling Capacity	kW	77.4	84.4
	BTU/h	264,000	288,000
Input	kW	22.99	25.59



PUHY-		P264TSJMU	P288TSJMU
Nominal Heating Capacity	kW	86.5	93.8
	BTU/h	295,000	320,000
Input	kW	24.19	26.94

PUHY-		P264YSJMU	P288YSJMU
Nominal Heating Capacity	kW	86.5	93.8
	BTU/h	295,000	320,000
Input	kW	24.19	26.94



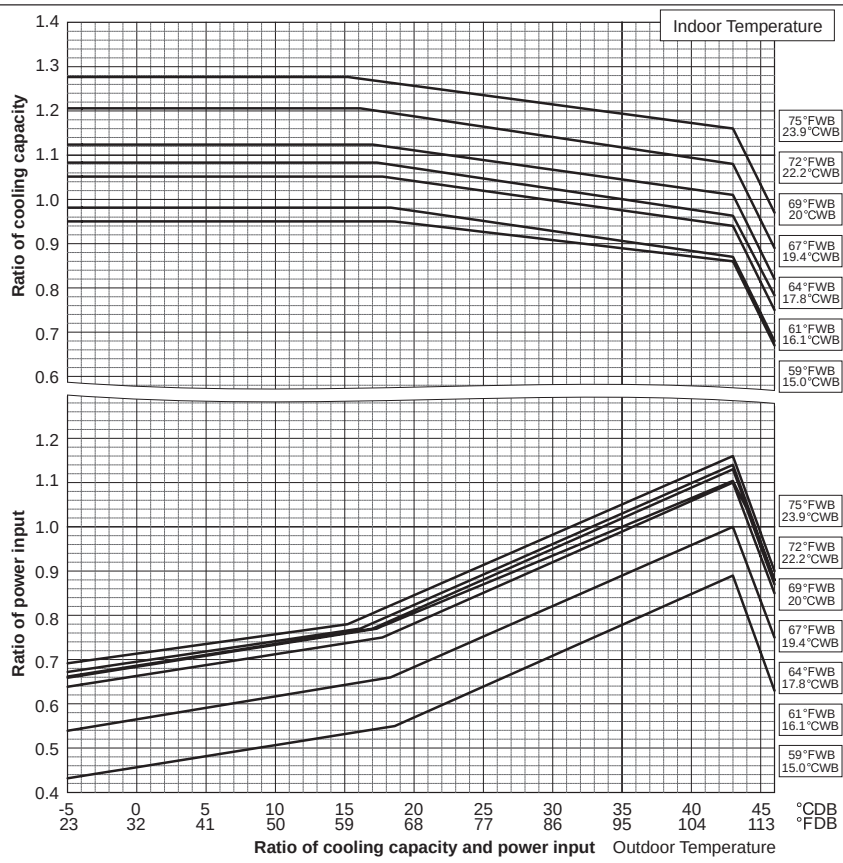
7. CAPACITY TABLES

PUHY-		P312TSJMU	P336TSJMU
Nominal Cooling Capacity	kW	91.4	98.5
	BTU/h	312,000	336,000
Input	kW	25.82	28.58

PUHY-	P360TSJMU	
Nominal Cooling Capacity	kW	105.5
	BTU/h	360,000
Input	kW	31.18

PUHY-		P312YSJMU	P336YSJMU
Nominal Cooling Capacity	kW	91.4	98.5
	BTU/h	312,000	336,000
Input	kW	25.82	28.58

PUHY-	P360YSJMU	
Nominal Cooling Capacity	kW	105.5
	BTU/h	360,000
Input	kW	31.18

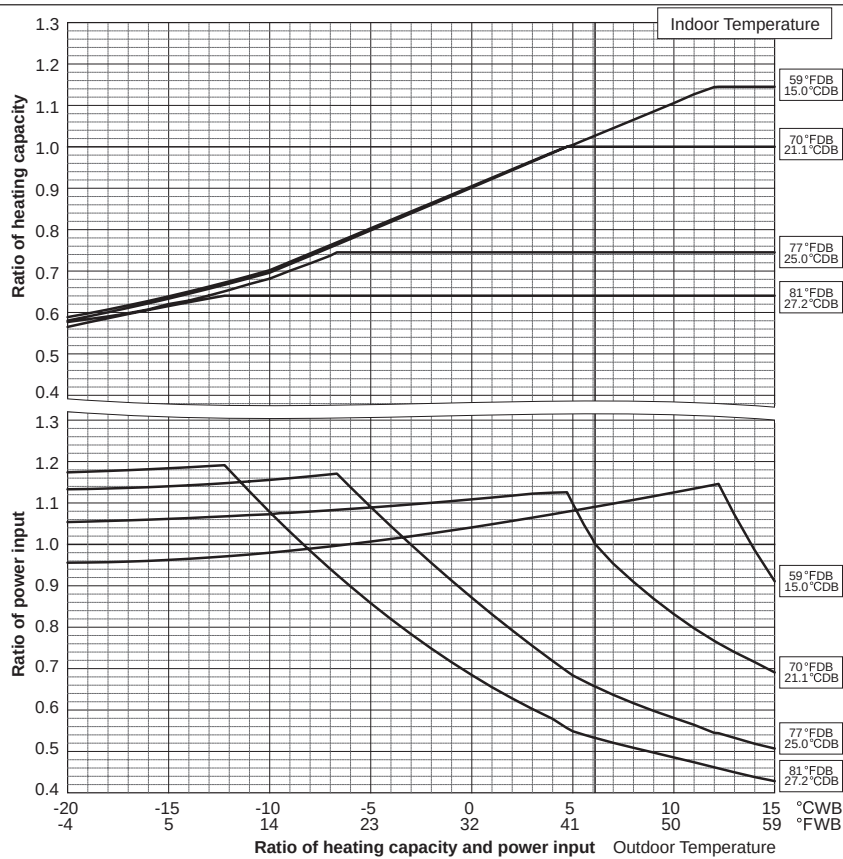


PUHY-		P312TSJMU	P336TSJMU
Nominal Heating Capacity	kW	102.6	110.8
	BTU/h	350,000	378,000
Input	kW	27.3	30.24

PUHY-	P360TSJMU	
Nominal Heating Capacity	kW	118.1
	BTU/h	403,000
Input	kW	32.99

PUHY-		P312YSJMU	P336YSJMU
Nominal Heating Capacity	kW	102.6	110.8
	BTU/h	350,000	378,000
Input	kW	27.3	30.24

PUHY-	P360YSJMU	
Nominal Heating Capacity	kW	118.1
	BTU/h	403,000
Input	kW	32.99



7. CAPACITY TABLES

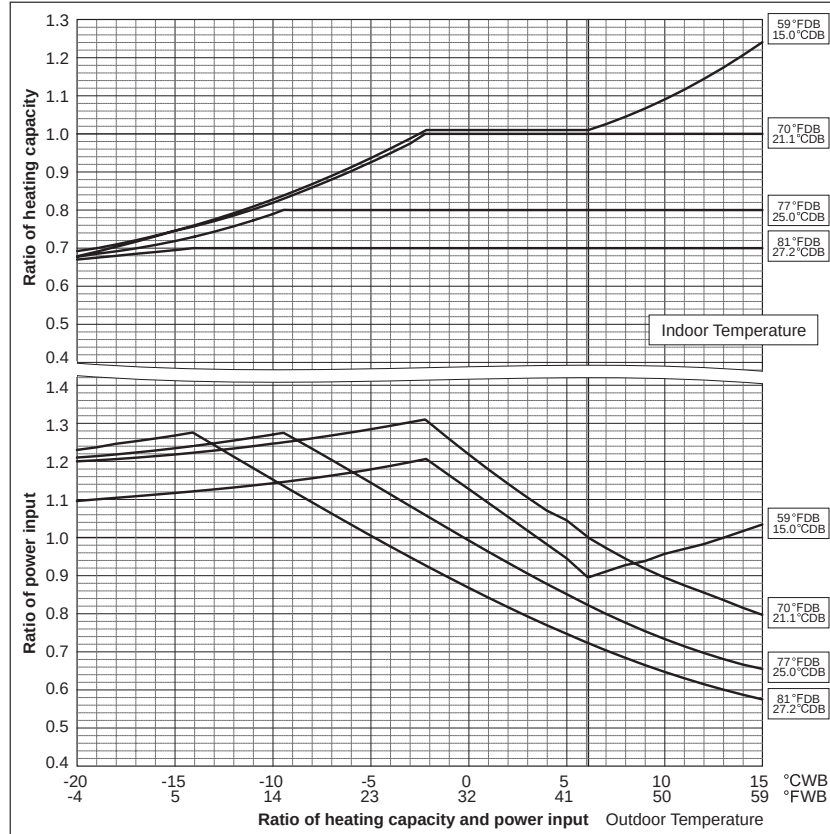
7-2. Correction by Temperature (High Heating Performance)

CITY MULTI could have various capacities at different design temperatures. Using the nominal cooling/heating capacity value and the ratio below, the capacity can be observed at various temperatures.

To select high-heating performance operation, DipSW3-7 must be set to ON. At low ambient temperatures, heating capacity and power input become higher than those seen in standard operation.

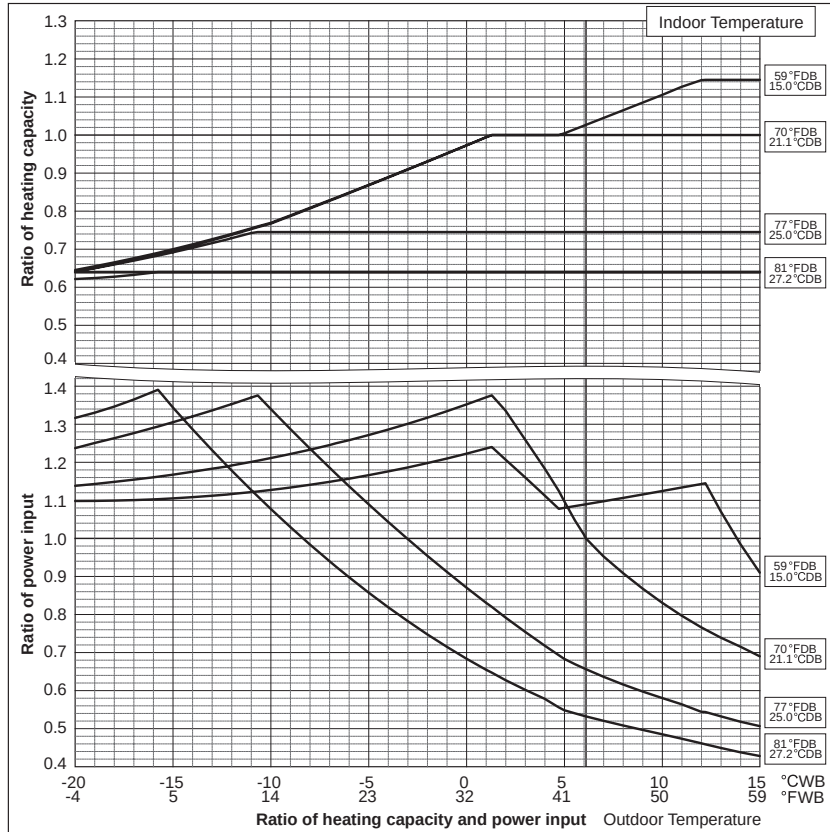
PUHY-		P72TJMU	P96TJMU
Nominal Heating Capacity	kW	23.4	31.7
	BTU/h	80,000	108,000
Input	kW	5.68	8.54

PUHY-		P72YJMU	P96YJMU
Nominal Heating Capacity	kW	23.4	31.7
	BTU/h	80,000	108,000
Input	kW	5.68	8.54



PUHY-		P120TJMU
Nominal Heating Capacity	kW	39.6
	BTU/h	135,000
Input	kW	10.41

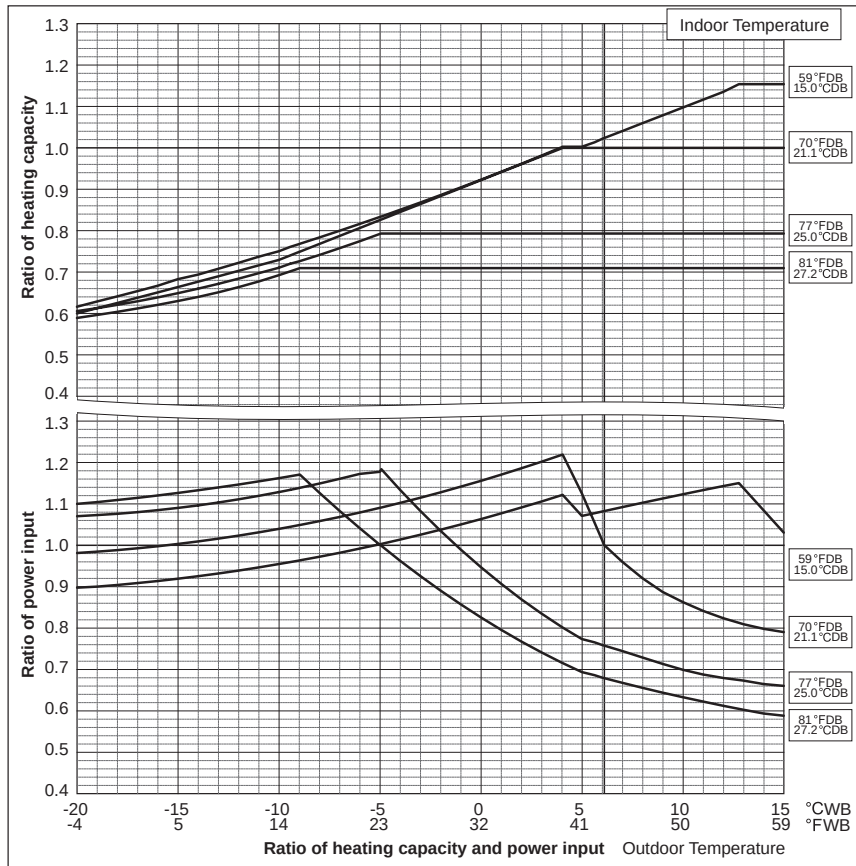
PUHY-		P120YJMU
Nominal Heating Capacity	kW	39.6
	BTU/h	135,000
Input	kW	10.41



7. CAPACITY TABLES

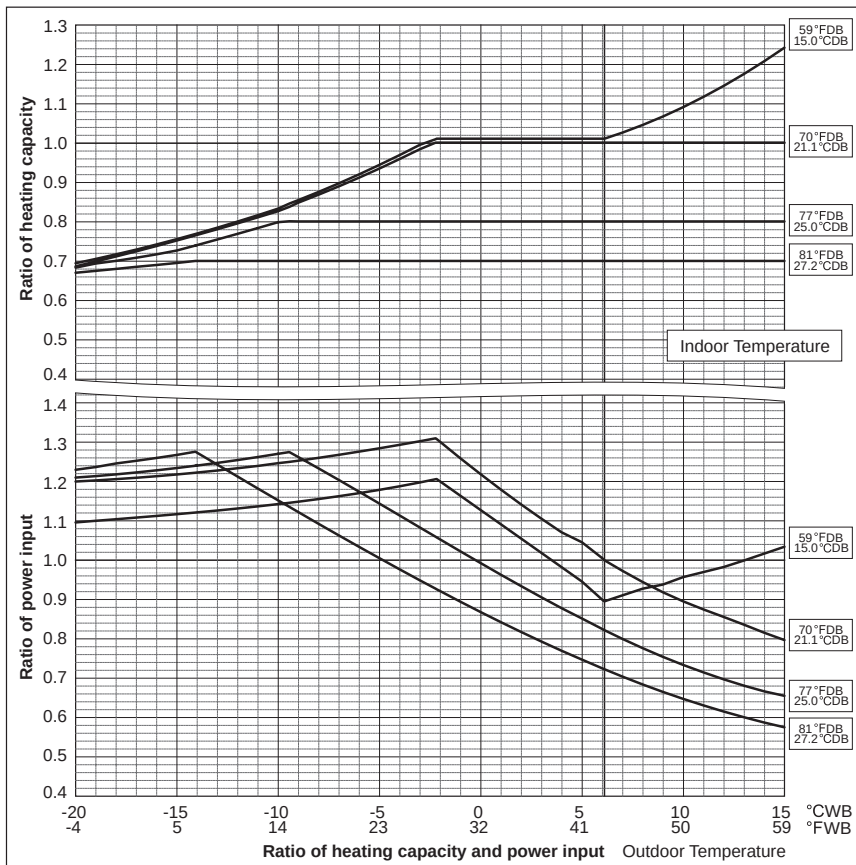
PUHY-		P144TJMU
Nominal Heating Capacity	kW	46.9
Capacity	BTU/h	160,000
Input	kW	13.08

PUHY-		P144YJMU
Nominal Heating Capacity	kW	46.9
Capacity	BTU/h	160,000
Input	kW	13.08



PUHY-		P168TSJMU	P192TSJMU
Nominal Heating Capacity	kW	55.1	63.0
Capacity	BTU/h	188,000	215,000
Input	kW	14.65	16.57

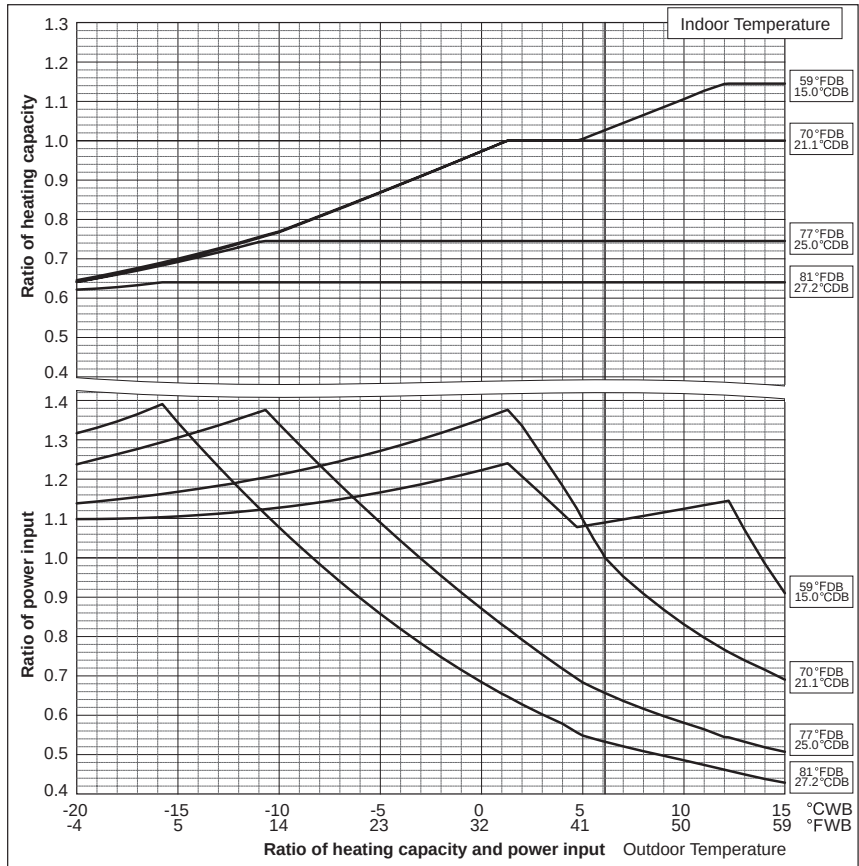
PUHY-		P168YSJMU	P192YSJMU
Nominal Heating Capacity	kW	55.1	63.0
Capacity	BTU/h	188,000	215,000
Input	kW	14.65	16.57



7. CAPACITY TABLES

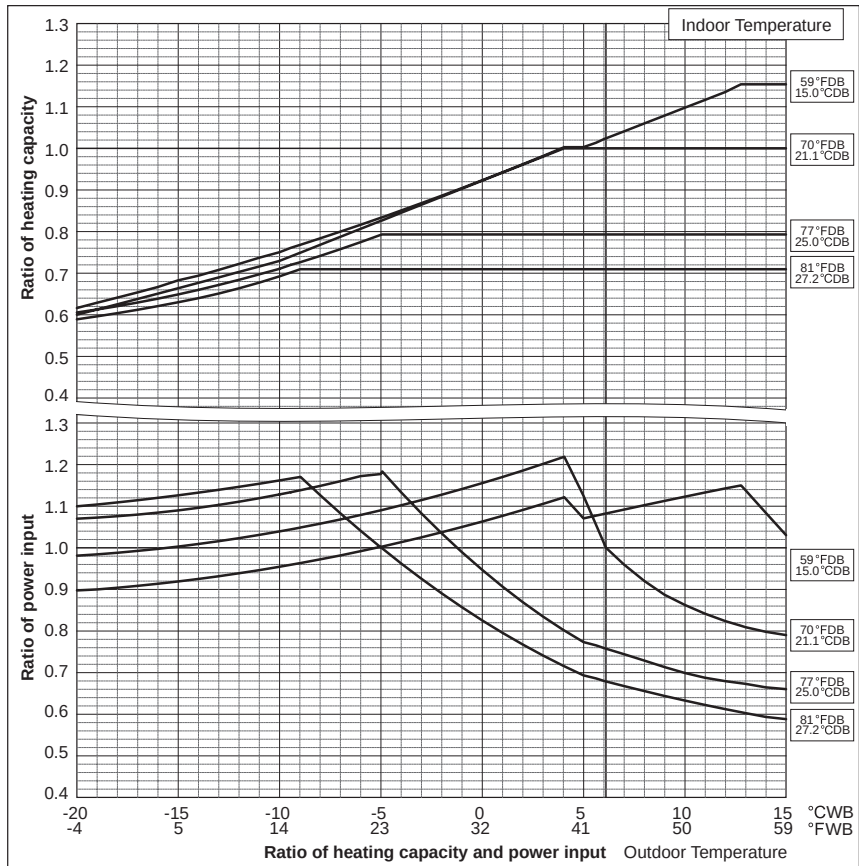
PUHY-		P216TSJMU	P240TSJMU
Nominal Heating Capacity	kW	71.2	79.1
	BTU/h	243,000	270,000
Input	kW	19.52	21.44

PUHY-		P216YSJMU	P240YSJMU
Nominal Heating Capacity	kW	71.2	79.1
	BTU/h	243,000	270,000
Input	kW	19.52	21.44



PUHY-		P264TSJMU	P288TSJMU
Nominal Heating Capacity	kW	86.5	93.8
	BTU/h	295,000	320,000
Input	kW	24.19	26.94

PUHY-		P264YSJMU	P288YSJMU
Nominal Heating Capacity	kW	86.5	93.8
	BTU/h	295,000	320,000
Input	kW	24.19	26.94



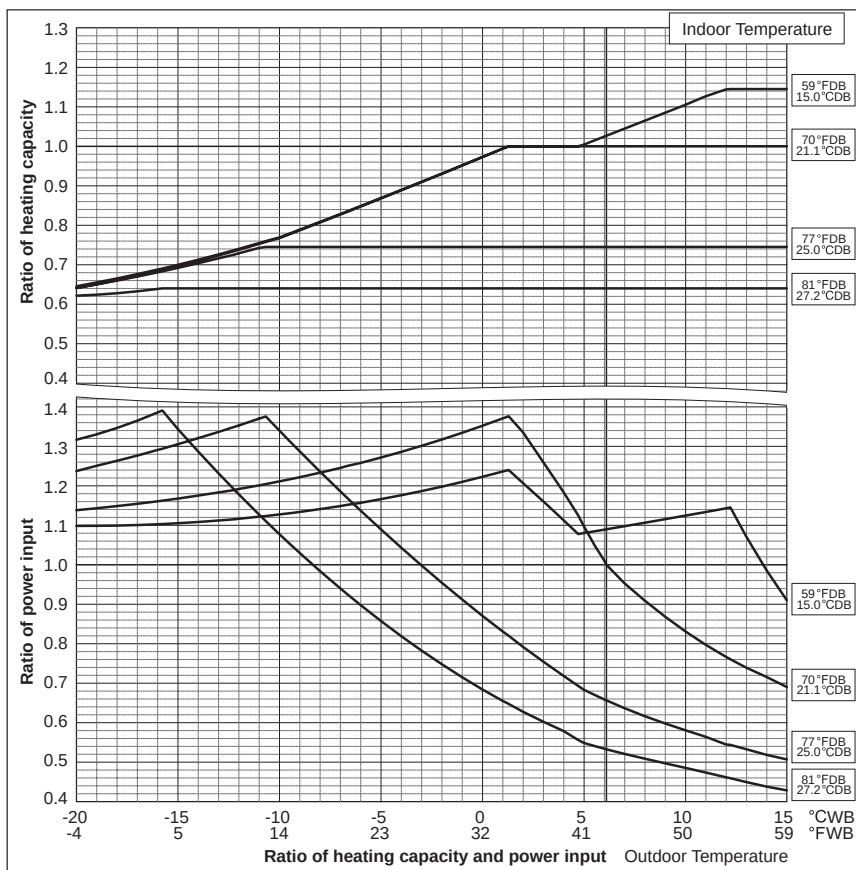
7. CAPACITY TABLES

PUHY-		P312TSJMU	P336TSJMU
Nominal Heating Capacity	kW	102.6	110.8
	BTU/h	350,000	378,000
Input	kW	27.3	30.24

PUHY-		P360TSJMU	
Nominal Heating Capacity	kW	118.1	
	BTU/h	403,000	
Input	kW	32.99	

PUHY-		P312YSJMU	P336YSJMU
Nominal Heating Capacity	kW	102.6	110.8
	BTU/h	350,000	378,000
Input	kW	27.3	30.24

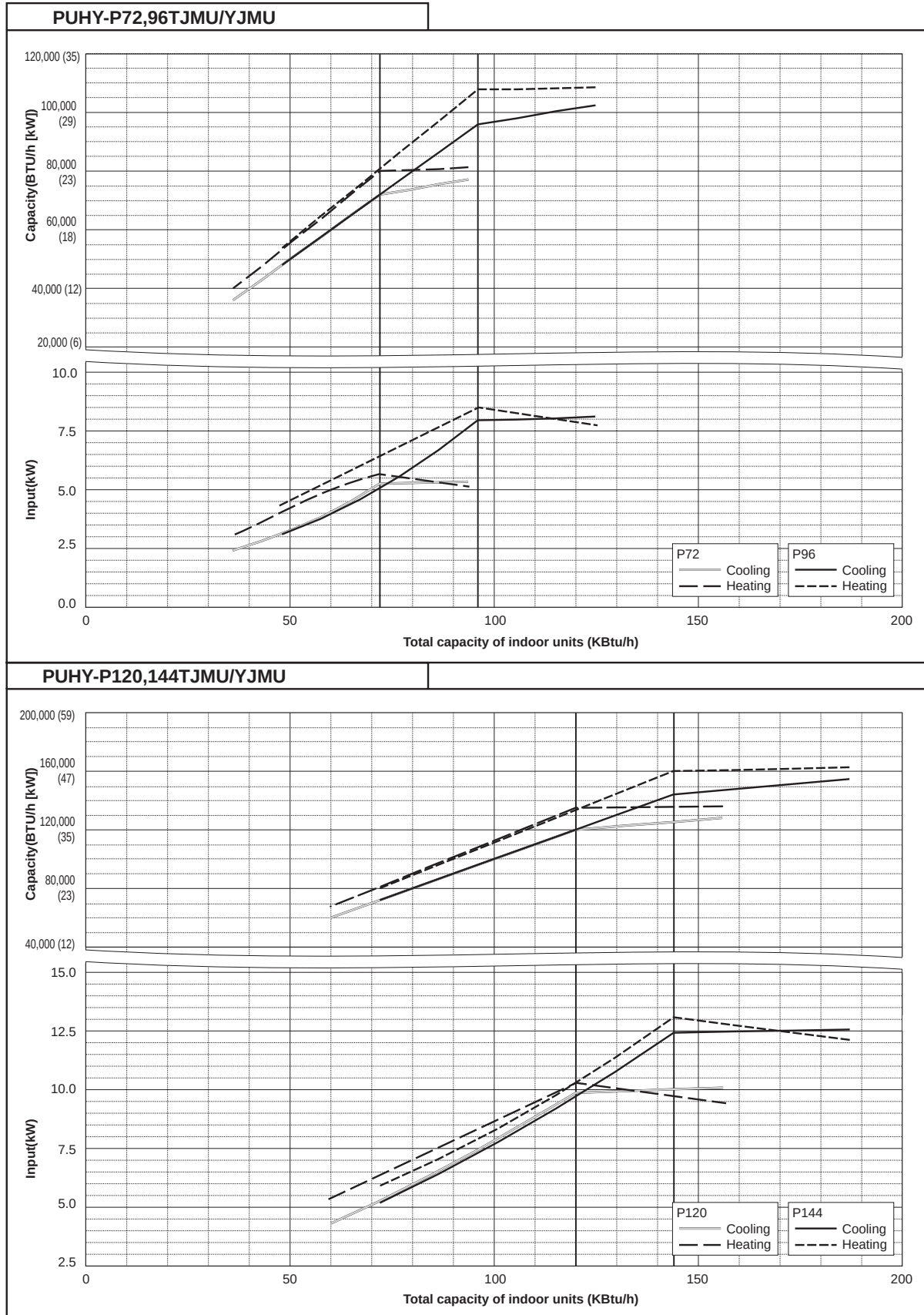
PUHY-		P360YSJMU	
Nominal Heating Capacity	kW	118.1	
	BTU/h	403,000	
Input	kW	32.99	



7. CAPACITY TABLES

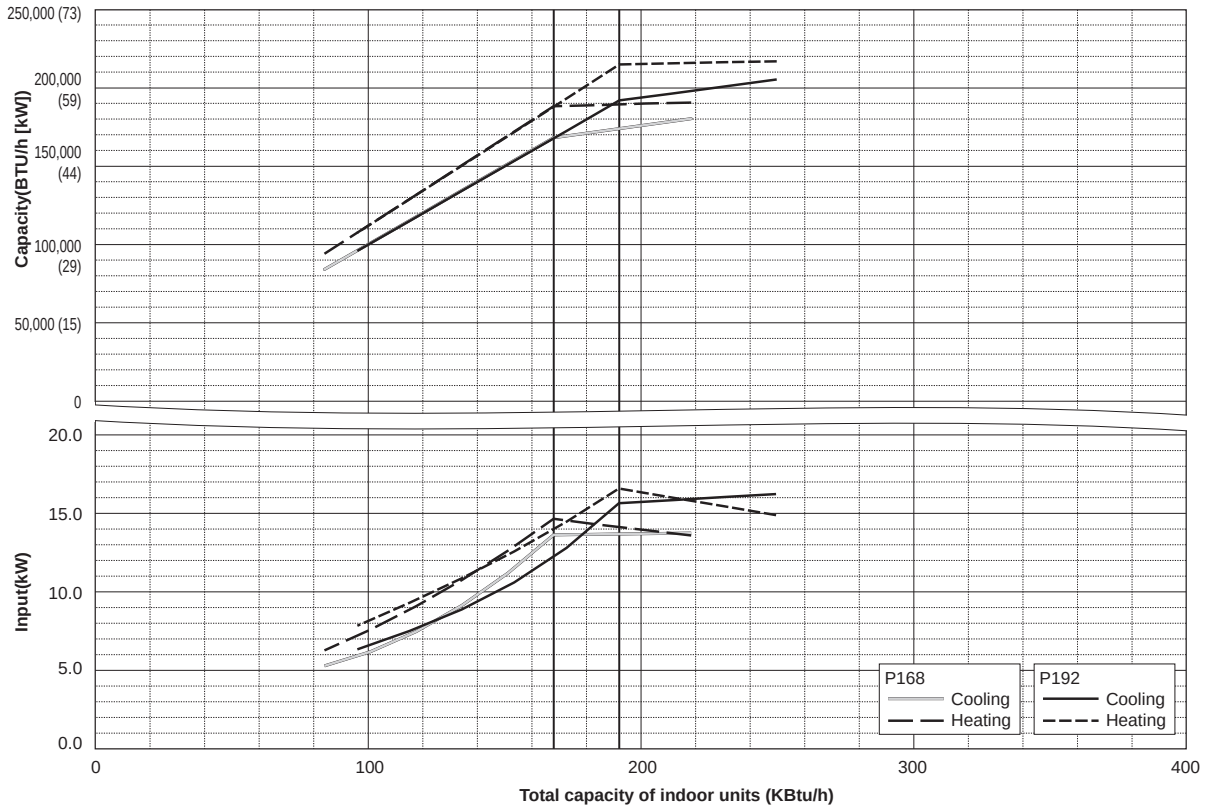
7-3. Correction by Total Indoor

CITY MULTI systems have different capacities and inputs when different combinations of indoor units with different total capacities are connected. Using following tables, the maximum capacity can be found to ensure the system is installed with enough capacity for a particular application.

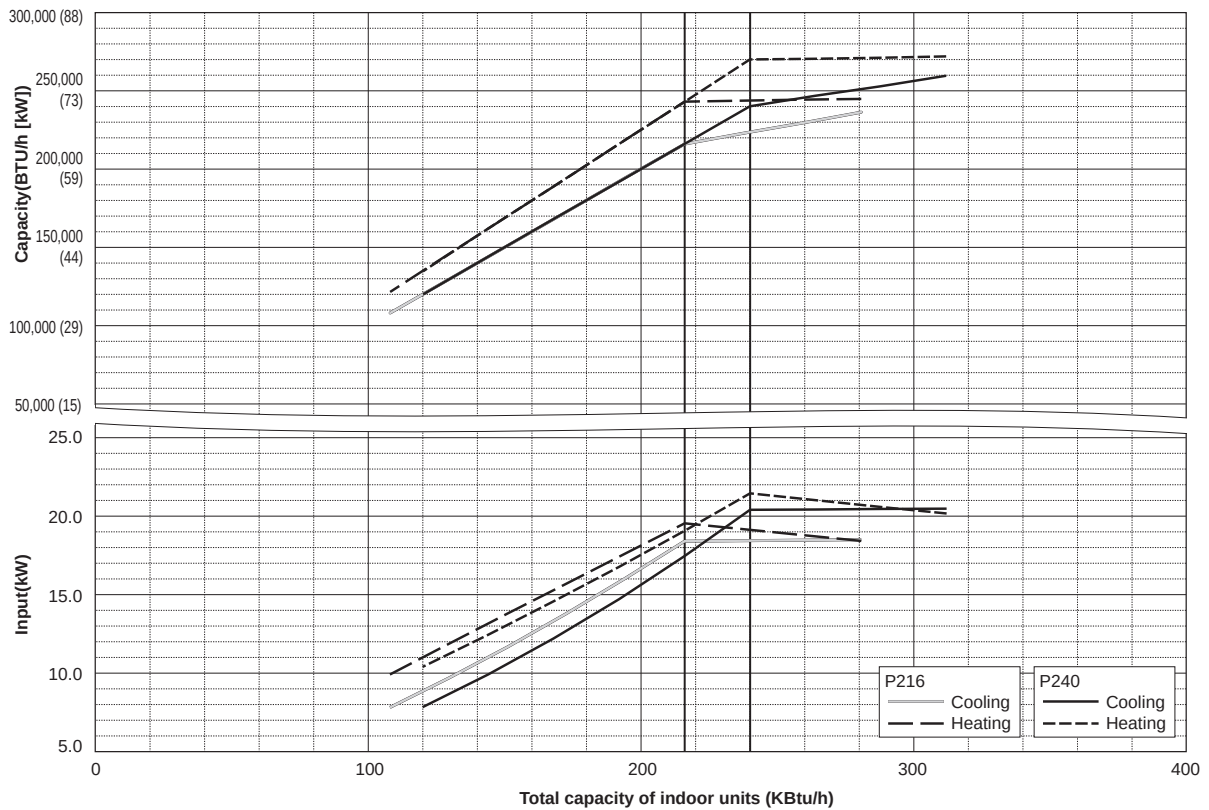


7. CAPACITY TABLES

PUHY-P168,192TSJMU/YSJMU

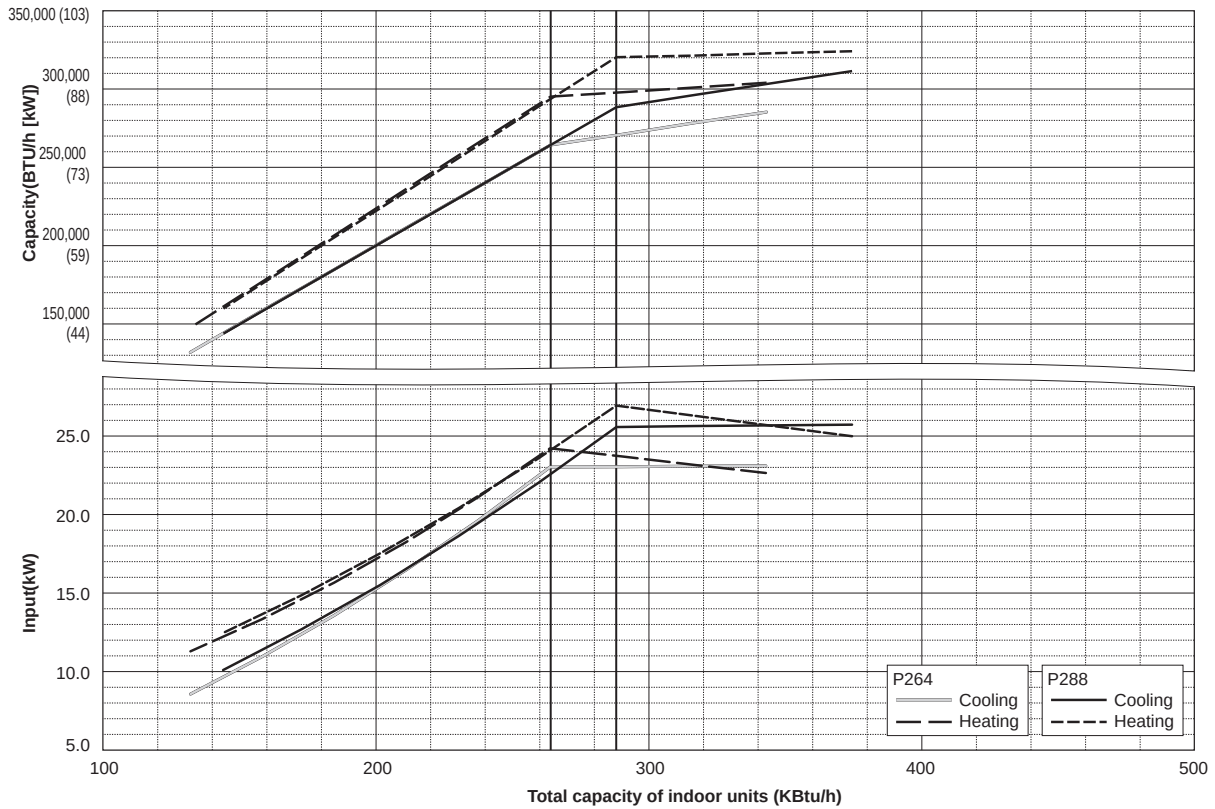


PUHY-P216,240TSJMU/YSJMU

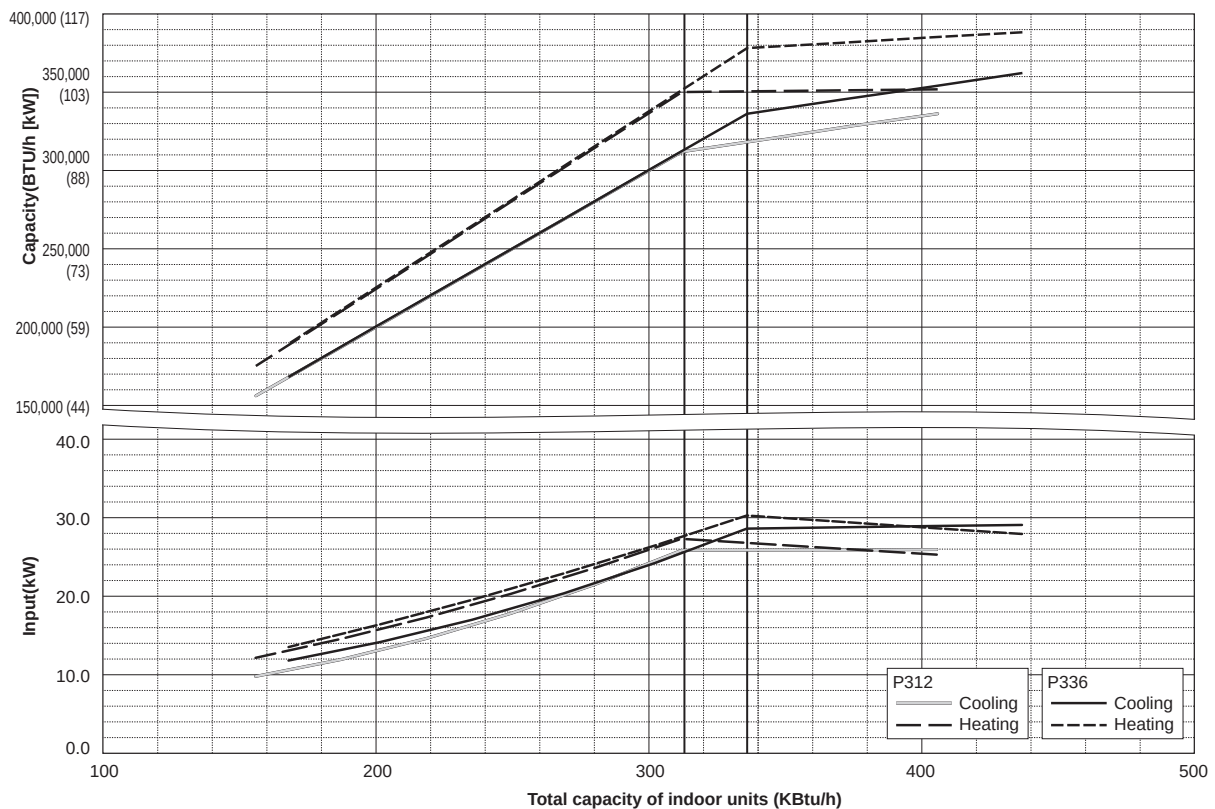


7. CAPACITY TABLES

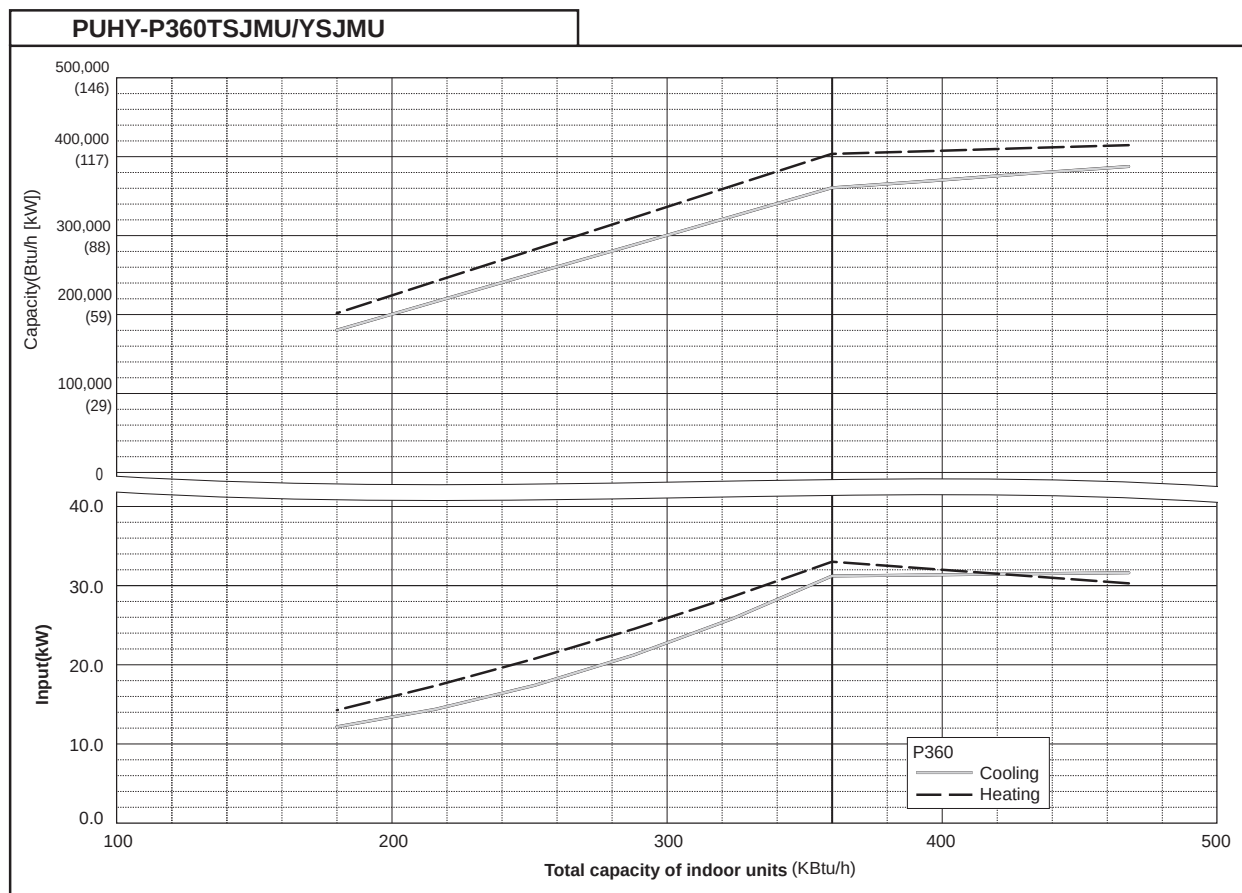
PUHY-P264,288TSJMU/YSJMU



PUHY-P312,336TSJMU/YSJMU



7. CAPACITY TABLES

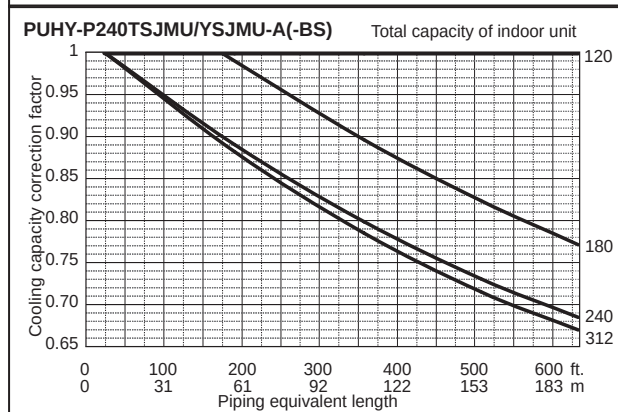
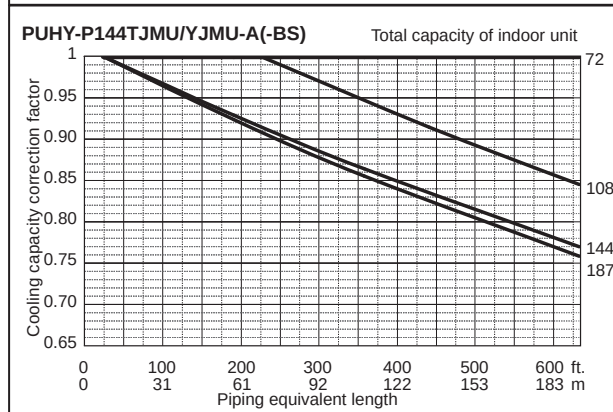
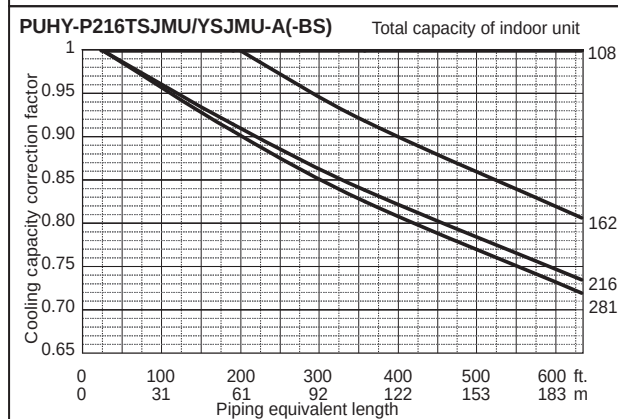
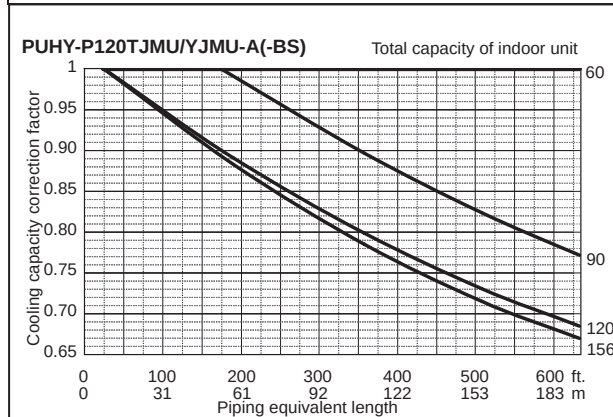
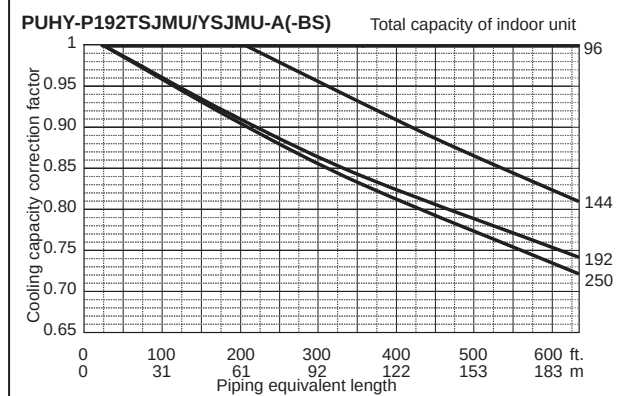
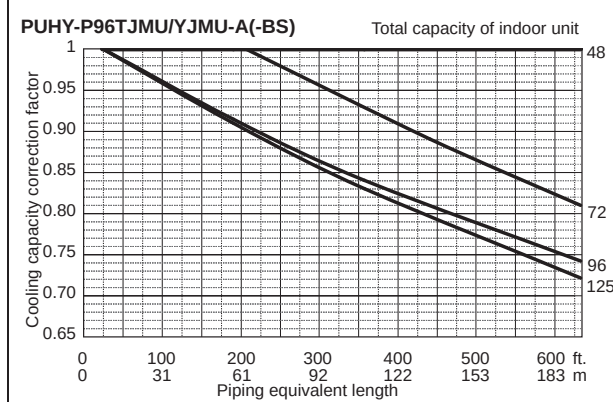
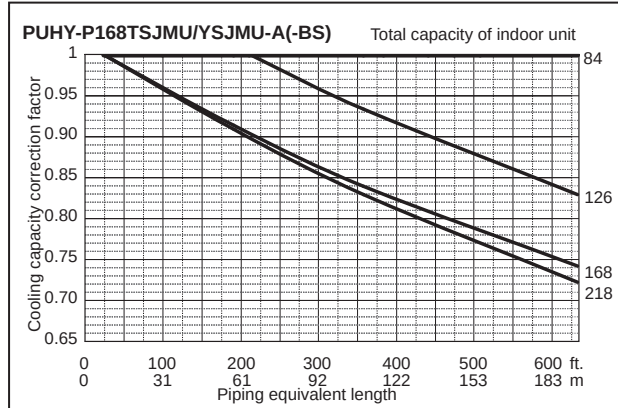
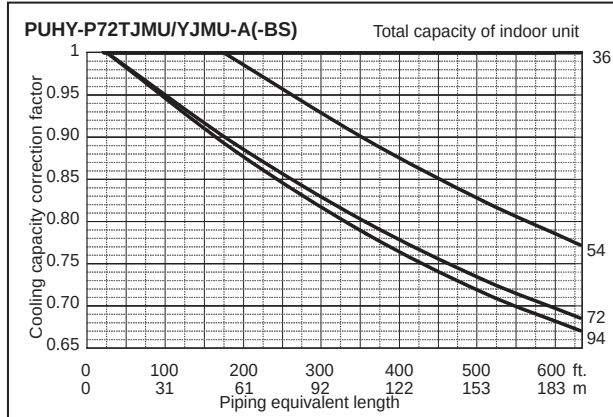


7. CAPACITY TABLES

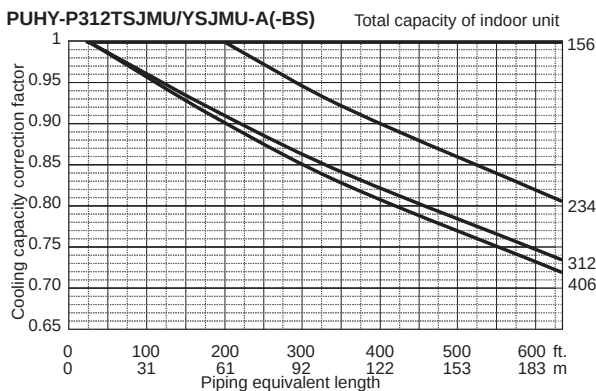
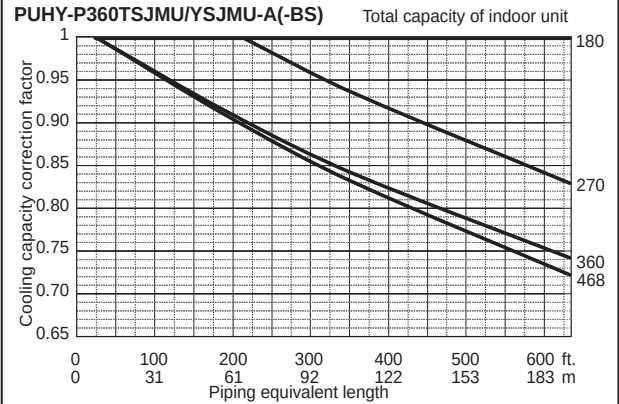
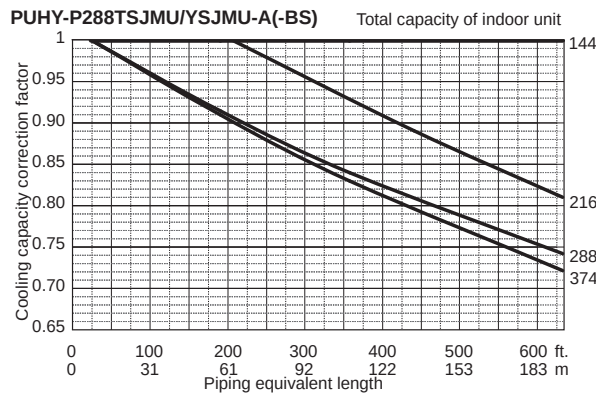
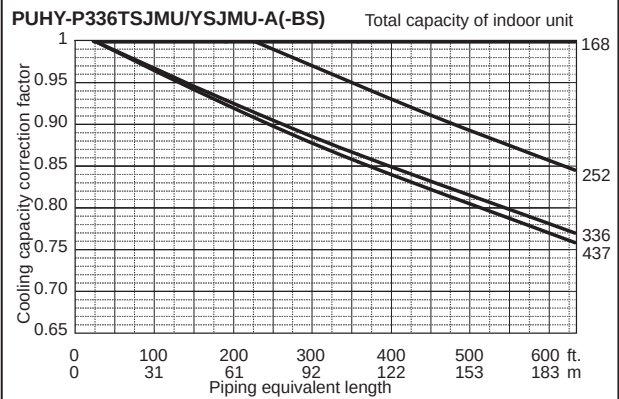
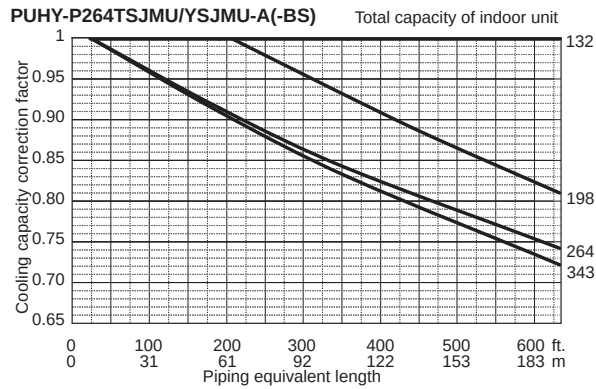
7-4. Correction by Refrigerant Piping Length

CITY MULTI systems can have extended piping lengths if certain limitations are followed, but cooling/heating capacity could be reduced. Using the following correction factor by equivalent piping length shown at 7-4-1 and 7-4-2, capacity can be found. 7-4-3 shows how to obtain the equivalent piping length.

7-4-1. Cooling Capacity Correction



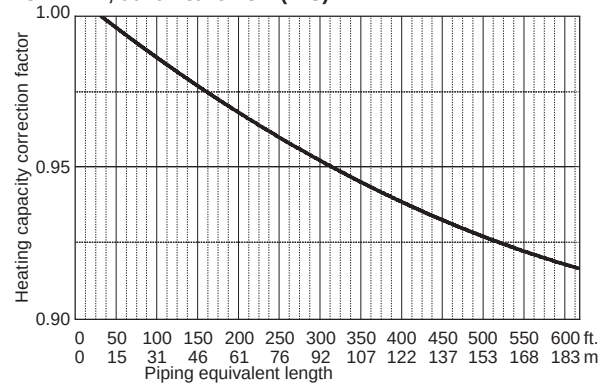
7. CAPACITY TABLES



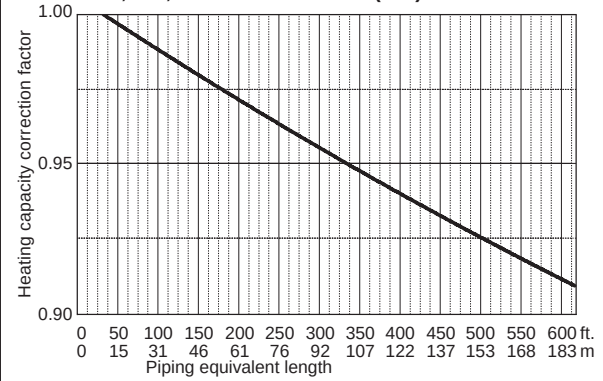
7. CAPACITY TABLES

7-4-2. Heating Capacity Correction

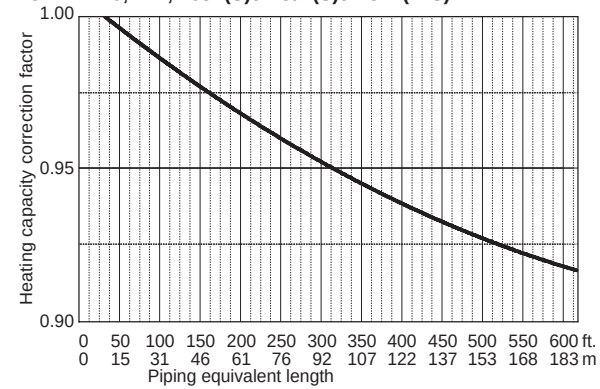
PUHY-P72, 96TJMU/YJMU-A(-BS)



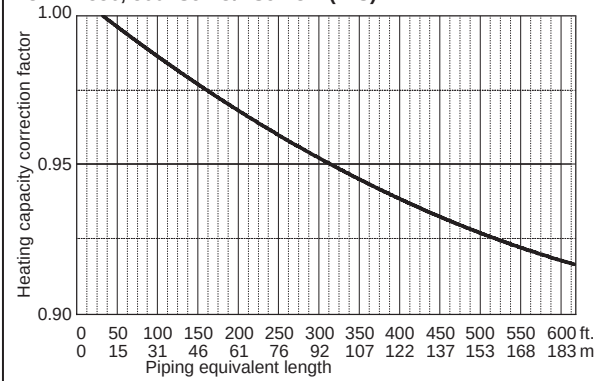
PUHY-P264, 288, 312TSJMU/YSJMU-A(-BS)



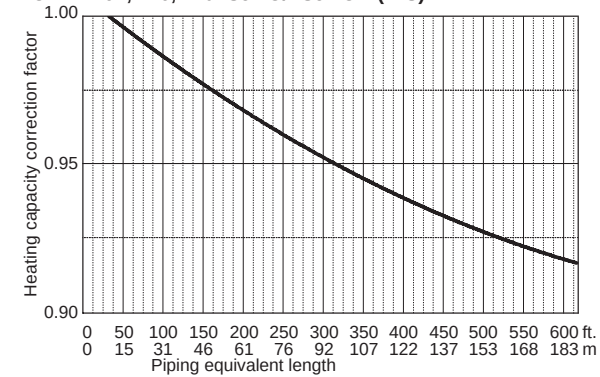
PUHY-P120, 144, 168T(S)JMU/Y(S)JMU-A(-BS)



PUHY-P336, 360TSJMU/YSJMU-A(-BS)



PUHY-P192, 216, 240TSJMU/YSJMU-A(-BS)



7. CAPACITY TABLES

7-4-3. How to obtain the equivalent piping length

1. PUHY-P72TJMU/YJMU

Equivalent length = (Actual piping length to the farthest indoor unit) + (1.15 x number of bends in the piping) [ft.]

Equivalent length = (Actual piping length to the farthest indoor unit) + (0.35 x number of bends in the piping) [m]

2. PUHY-P96, 120TJMU/YJMU

Equivalent length = (Actual piping length to the farthest indoor unit) + (1.38 x number of bends in the piping) [ft.]

Equivalent length = (Actual piping length to the farthest indoor unit) + (0.42 x number of bends in the piping) [m]

3. PUHY-P144, 168, 192, 216, 240T(S)JMU/Y(S)JMU

Equivalent length = (Actual piping length to the farthest indoor unit) + (1.64 x number of bends in the piping) [ft.]

Equivalent length = (Actual piping length to the farthest indoor unit) + (0.50 x number of bends in the piping) [m]

4. PUHY-P264, 288, 312TSJMU/YSJMU

Equivalent length = (Actual piping length to the farthest indoor unit) + (2.30 x number of bends in the piping) [ft.]

Equivalent length = (Actual piping length to the farthest indoor unit) + (0.70 x number of bends in the piping) [m]

5. PUHY-P336, 360TSJMU/YSJMU

Equivalent length = (Actual piping length to the farthest indoor unit) + (2.63 x number of bends in the piping) [ft.]

Equivalent length = (Actual piping length to the farthest indoor unit) + (0.80 x number of bends in the piping) [m]

7-5. Correction at Frost and Defrost

Under certain conditions the outdoor heat exchanger will accumulate frost, initiating the unit's automatic defrost operation. To calculate obtain the heating capacity of the outdoor unit (when correcting for frost and defrost), multiply by the correction factor shown in the table below.

Correction Factor at Frost and Defrost

Outdoor inlet air temp. °C	6	4	2	1	0	-2	-4	-6	-8	-10	-20
Outdoor inlet air temp. °F	43	39	36	34	32	28	25	21	18	14	-4
PUHY-P72TJMU-A (-BS)	1.00	0.95	0.84	0.83	0.83	0.87	0.90	0.95	0.95	0.95	0.95
PUHY-P96TJMU-A (-BS)	1.00	0.95	0.84	0.83	0.83	0.87	0.90	0.95	0.95	0.95	0.95
PUHY-P120TJMU-A (-BS)	1.00	0.93	0.82	0.80	0.82	0.86	0.90	0.90	0.95	0.95	0.95
PUHY-P144TJMU-A (-BS)	1.00	0.93	0.82	0.80	0.82	0.86	0.90	0.90	0.95	0.95	0.95
PUHY-P168TSJMU-A (-BS)	1.00	0.98	0.89	0.87	0.89	0.90	0.92	0.95	0.95	0.95	0.95
PUHY-P192TSJMU-A (-BS)	1.00	0.98	0.89	0.86	0.89	0.90	0.92	0.95	0.95	0.95	0.95
PUHY-P216TSJMU-A (-BS)	1.00	0.94	0.87	0.86	0.87	0.88	0.90	0.90	0.93	0.95	0.95
PUHY-P240TSJMU-A (-BS)	1.00	0.94	0.84	0.86	0.87	0.88	0.90	0.90	0.93	0.95	0.95
PUHY-P264TSJMU-A (-BS)	1.00	0.98	0.89	0.88	0.89	0.90	0.92	0.95	0.95	0.95	0.95
PUHY-P288TSJMU-A (-BS)	1.00	0.98	0.89	0.88	0.89	0.90	0.92	0.95	0.95	0.95	0.95
PUHY-P312TSJMU-A (-BS)	1.00	0.98	0.89	0.88	0.89	0.90	0.92	0.95	0.95	0.95	0.95
PUHY-P336TSJMU-A (-BS)	1.00	0.94	0.87	0.86	0.87	0.88	0.90	0.90	0.93	0.95	0.95
PUHY-P360TSJMU-A (-BS)	1.00	0.94	0.87	0.86	0.87	0.88	0.90	0.90	0.93	0.95	0.95
PUHY-P72YJMU-A (-BS)	1.00	0.95	0.84	0.83	0.83	0.87	0.90	0.95	0.95	0.95	0.95
PUHY-P96YJMU-A (-BS)	1.00	0.95	0.84	0.83	0.83	0.87	0.90	0.95	0.95	0.95	0.95
PUHY-P120YJMU-A (-BS)	1.00	0.93	0.82	0.80	0.82	0.86	0.90	0.90	0.95	0.95	0.95
PUHY-P144YJMU-A (-BS)	1.00	0.93	0.82	0.80	0.82	0.86	0.90	0.90	0.95	0.95	0.95
PUHY-P168YSJMU-A (-BS)	1.00	0.98	0.89	0.87	0.89	0.90	0.92	0.95	0.95	0.95	0.95
PUHY-P192YSJMU-A (-BS)	1.00	0.98	0.89	0.86	0.89	0.90	0.92	0.95	0.95	0.95	0.95
PUHY-P216YSJMU-A (-BS)	1.00	0.94	0.87	0.86	0.87	0.88	0.90	0.90	0.93	0.95	0.95
PUHY-P240YSJMU-A (-BS)	1.00	0.94	0.84	0.86	0.87	0.88	0.90	0.90	0.93	0.95	0.95
PUHY-P264YSJMU-A (-BS)	1.00	0.98	0.89	0.88	0.89	0.90	0.92	0.95	0.95	0.95	0.95
PUHY-P288YSJMU-A (-BS)	1.00	0.98	0.89	0.88	0.89	0.90	0.92	0.95	0.95	0.95	0.95
PUHY-P312YSJMU-A (-BS)	1.00	0.98	0.89	0.88	0.89	0.90	0.92	0.95	0.95	0.95	0.95
PUHY-P336YSJMU-A (-BS)	1.00	0.94	0.87	0.86	0.87	0.88	0.90	0.90	0.93	0.95	0.95
PUHY-P360YSJMU-A (-BS)	1.00	0.94	0.87	0.86	0.87	0.88	0.90	0.90	0.93	0.95	0.95

* The correction factors in the table above are used for a full-load and additional capacity.

Use the formula below to calculate the correction factor to use for a partial load.

Correction factor for partial load: K

Correction factor for a full load and additional capacity: K_0

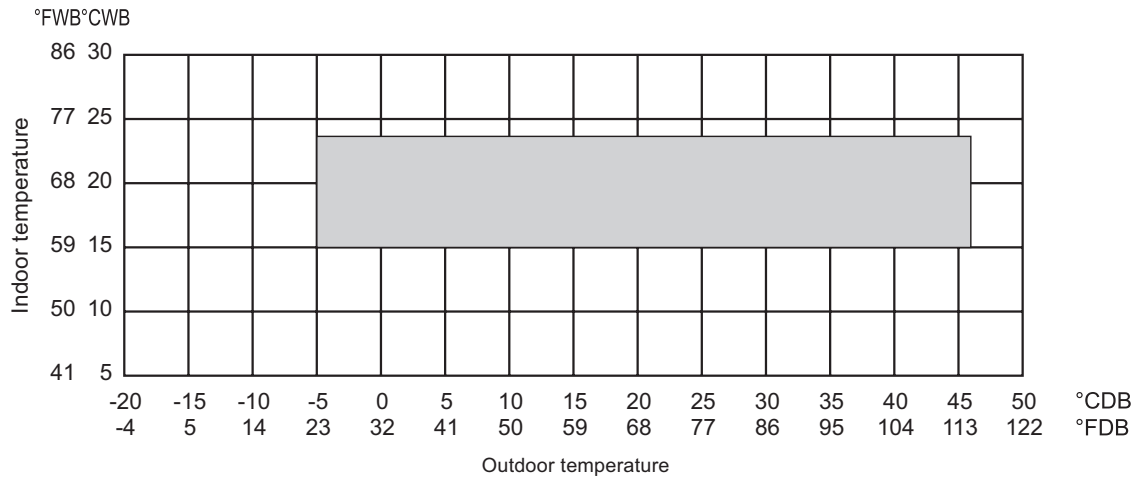
Partial load factor: A

$$K = 1 - (1 - K_0) \times A$$

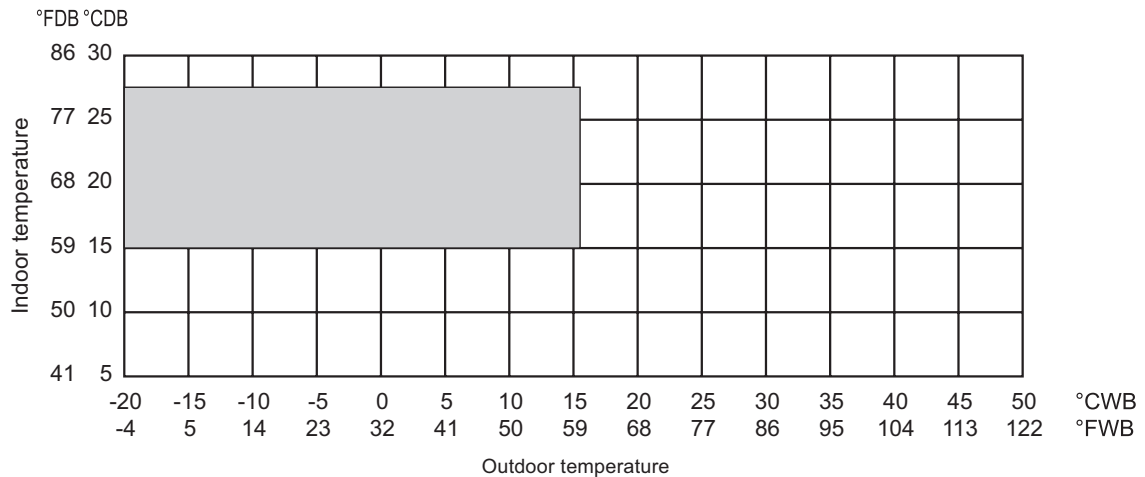
7. CAPACITY TABLES

7-6. Standard Operation Temperature Range

• Cooling

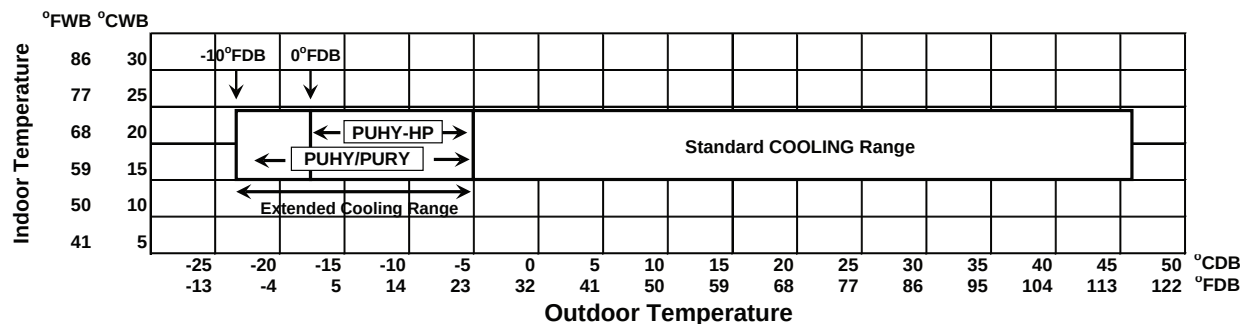


• Heating



Ref.: tr-ygm-y

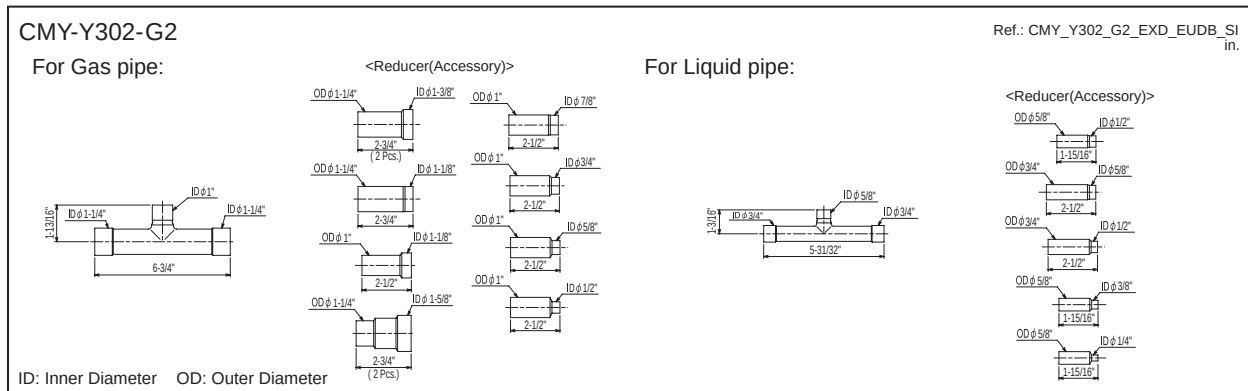
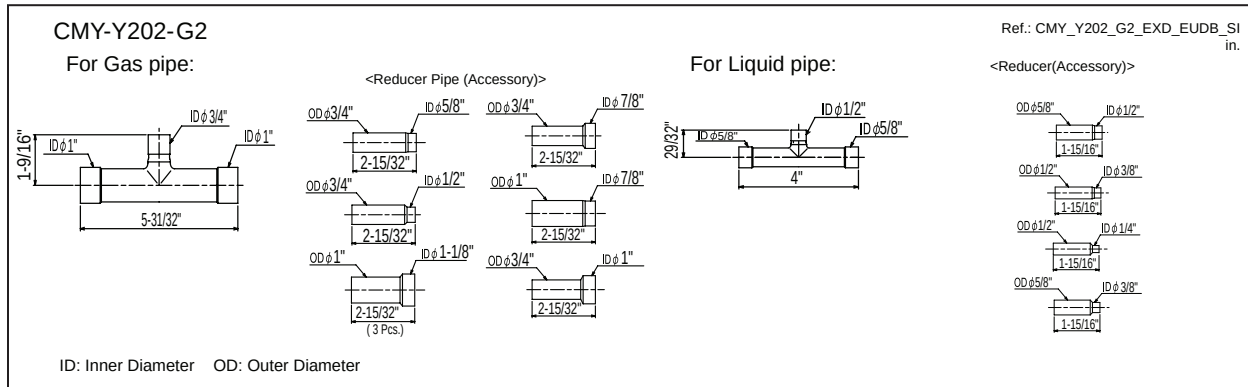
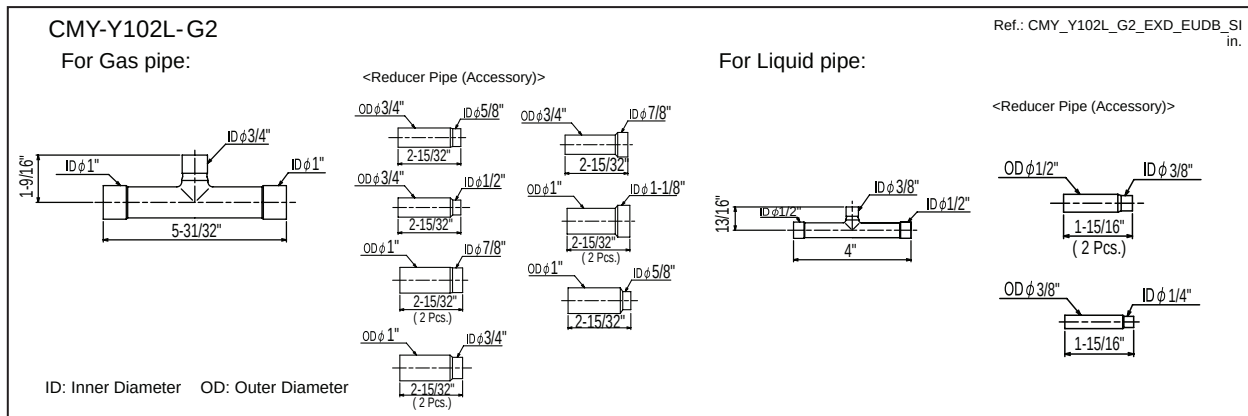
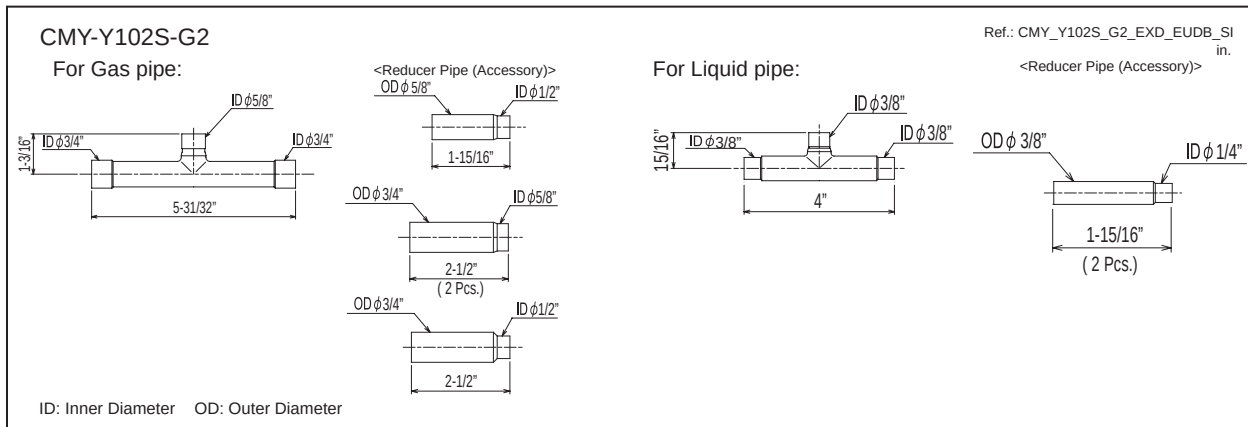
7-7. Extended Cooling Range with Low Ambient Kit



8. OPTIONAL PARTS

8-1. Branch Joints

Piping for CITY MULTI systems can be easily performed with branch joints and headers provided by Mitsubishi Electric Corp. For PUHY-P-T(S)JMU/Y(S)JMU, the following sets of branch joints are available. Details for installing the branch joint sets are found in the System Design section or in the Branch Joint Installation Manual.



8. OPTIONAL PARTS

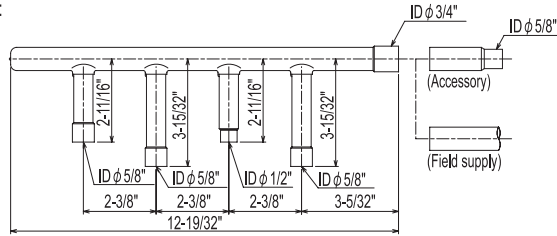
8-2. Headers

Piping for CITY MULTI systems can be easily performed with branch joints and headers provided by Mitsubishi Electric Corp. For PUHY-P-T(S)JMU/Y(S)JMU, the following sets of headers are available. Details for installing the headers are found in the System Design section or in the Outdoor Unit Installation Manual.

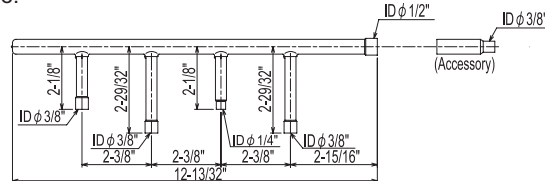
CMY-Y104-G

Ref.: W901636 in.

For gas pipe:



For liquid pipe:



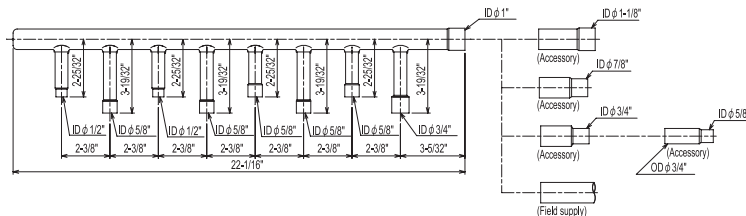
ID: Inner Diameter OD: Outer Diameter

NOTE: Besides above mentioned accessories, caps for $\phi 1/4"$, $\phi 3/8"$, $\phi 1/2"$, $\phi 5/8"$ pipes (each diameter 1 piece) are included in the Header set.

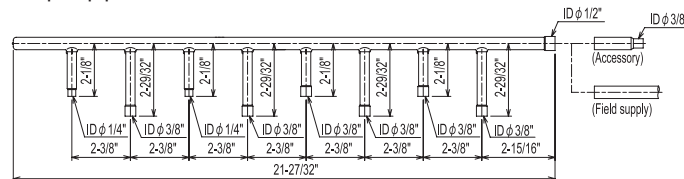
CMY-Y108-G

Ref.: W901637 in.

For gas pipe:



For liquid pipe:



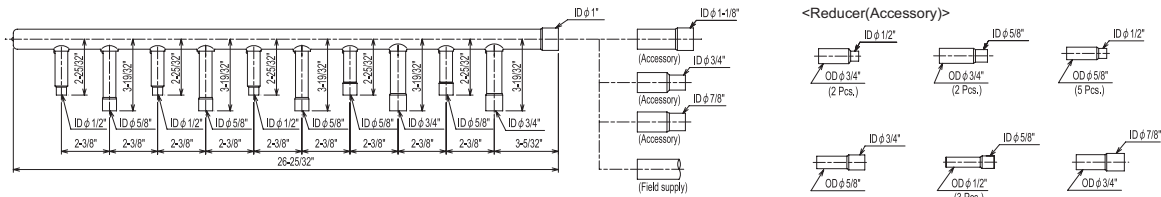
ID: Inner Diameter OD: Outer Diameter

NOTE: Besides above mentioned accessories, caps for $\phi 1/4"$, $\phi 3/8"$, $\phi 1/2"$, $\phi 5/8"$ pipes (each diameter 2 pieces) and 1 cap for $\phi 3/4"$ pipe are included in the Header set.

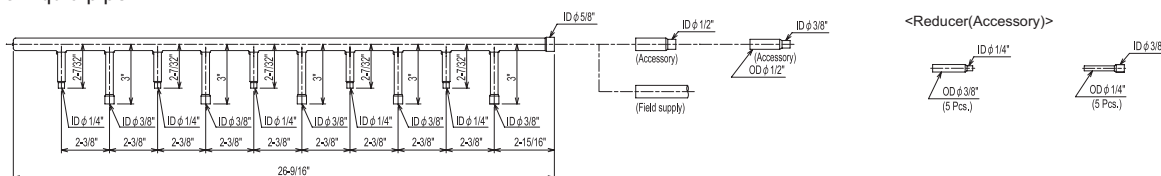
CMY-Y1010-G

Ref.: W901638 in.

For gas pipe:



For liquid pipe:



ID: Inner Diameter OD: Outer Diameter

NOTE: Besides above mentioned accessories, caps for $\phi 1/4"$, $\phi 3/8"$, $\phi 1/2"$, $\phi 5/8"$ pipes (each diameter 2 pieces) and 1 cap for $\phi 3/4"$ pipe are included in the Header set.

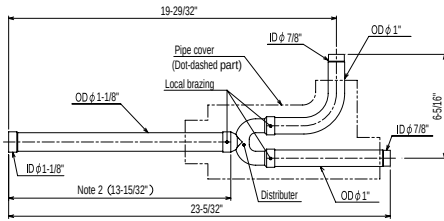
8. OPTIONAL PARTS

8-3. Twinning Kit

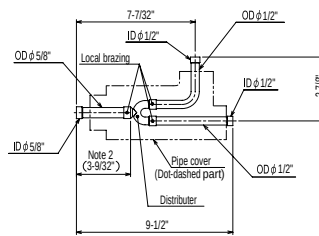
Twinning Kit is necessary for PUHY-P-TSJM/YSJM to combine the refrigerant flows of the PUHY-P-TJM/YSJM units.

CMY-Y100VBK2

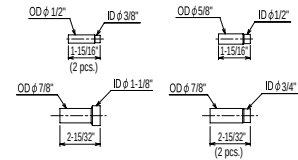
For Gas pipe:



For Liquid pipe:



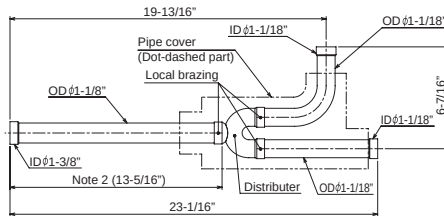
Ref.: CMY_Y100VBK2_EXD_EUDB_SI in.
<Reducer(Accessory)>



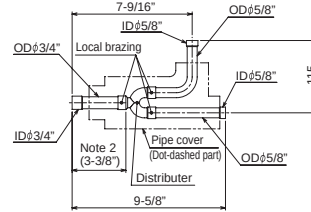
ID: Inner Diameter OD: Outer Diameter

CMY-Y200VBK2

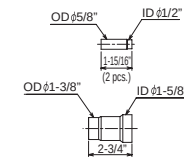
For Gas pipe:



For Liquid pipe:



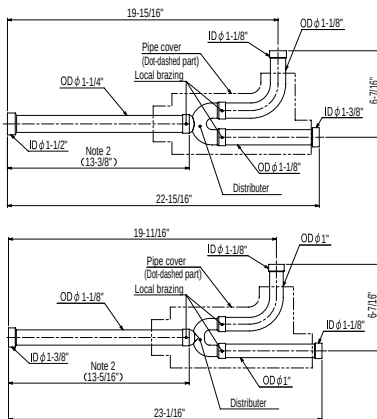
<Deformed pipe(Accessory)>



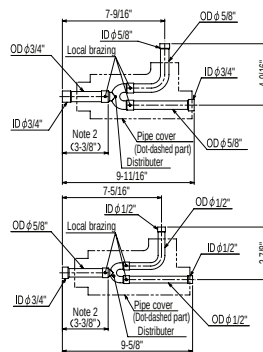
ID: Inner Diameter OD: Outer Diameter

CMY-Y300VBK2

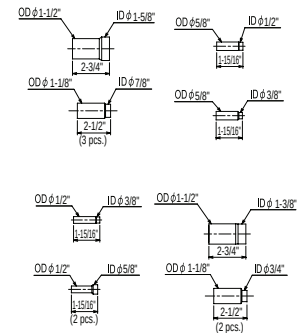
For Gas pipe:



For Liquid pipe:

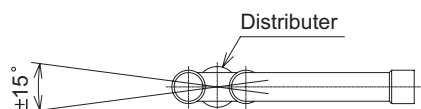


<Reducer pipe(Accessory)>



ID: Inner Diameter OD: Outer Diameter

Note 1. Reference the angle of the branch pipe below the fig.



The angle of the branch pipe for high pressure is within $\pm 15^\circ$ against the horizontal plane.

2. Use the attached pipe to braze the port-opening of the distributor.
3. Pipe diameter is indicated by inside diameter.
4. Only use the Twinning pipe by Mitsubishi (optional parts).

8. OPTIONAL PARTS

8-4. Low Ambient Kit

Low Ambient Kit allows system to operate at 100% cooling capacity at reduced outdoor temperatures. Complete kit includes hood with control damper assembly and wind deflectors.

PUHY Y-Series Outdoor Units - Down to -10°FDB (-23°CDB) Outdoor Temp.

PURY R2-Series Outdoor Units - Down to -10°FDB (-12°CDB) Outdoor Temp.

PUHY-HP H2i® Y-Series Outdoor Units - Down to 0°FDB (-18°CDB) Outdoor Temp.

- Normal heating performance is unaffected by the low ambient kit
- Hood and wind deflectors constructed of 20 gauge, hot-dipped galvanized G-90 steel
- Heavy-duty polyester-based powder paint finish
- Designed to work with both 208/230 and 460 3-phase units
- NEMA 4X control box protects electrical components from the elements
- ETL recognized component
- Kit easily installs connects to outdoor unit with plug in electrical connections
- Wind deflectors easily install with existing (wire guard) fasteners

Notes:

- Hood and wind deflectors must be used to achieve low operational range
- Outdoor unit must be mounted at least 12" off the ground or 12" above the highest average snow depth, whichever is greater.
- The outdoor unit may require additional mounting restraints depending on the mounting location. See engineering manual or installation instructions for guidelines.
- Clearances for the sides and back of the outdoor unit must be at least 6" greater than standard installation guidelines.

Part Number	Description	Electrical	Net Wt.	Ship Wt.	Carton Dimensions L x W x H
LAH-1	"Low Ambient Hood Assembly (master) with damper control box For single fan modules (P72 and P96)"	"208/230 1-phase .20 amp"	59 lbs. (27 kg)	65 lbs. (30 kg)	43" L x 36" W x 30-1/2" H (1,092 x 914 x 775 mm)
LAH-2	"Low Ambient Hood Assembly (subordinate) Combined with the LAH-1 for double fan (P120 and P144) modules"	"Controlled by LAH-1"	51 lbs. (23 kg)	57 lbs. (26 kg)	43" L x 36" W x 30-1/2" H (1,092 x 914 x 775 mm)
SWD-1	Side Wind Deflector, includes 2 pieces (fits all modules)	N/A	45 lbs. (20 kg)	50 lbs. (23 kg)	54" L x 20" W x 9" H (1,372 x 508 x 229 mm)
RWD-1	Rear Wind Deflector (1 fits S module, 2 fit the XL module)	N/A	37 lbs. (17 kg)	42 lbs. (19 kg)	54" L x 33" W x 9" H (1,372 x 838 x 229 mm)
RWD-2	Rear Wind Deflector (1 fits L module)	N/A	40 lbs. (18 kg)	45 lbs. (20 kg)	54" L x 45" W x 9" H (1,372 x 1,143 x 229 mm)

Components Required per Outdoor unit(s)

For outdoor units with multiple modules, the minimum 1-3/16" separation between the modules is recommended. If modules are placed farther apart than 15" apart, more than 1 set of SWD-1 side wind deflectors may be needed. For multiple units or module sets placed in a row, only one side wind deflector kit (SWD-1) is need to cover the two outside module coil surfaces.

PUHY-P-T/Y(S)HMU Series

Unit model	Module Size		Component Quantity			
	S	L	LAH-1	SWD-1	RWD-1	RWD-2
PUHY-P72(T,Y)HMU-A	1		1	1	1	
PUHY-P96(T,Y)HMU-A	1		1	1	1	
PUHY-P120(T,Y)HMU-A		1	1	1		1
PUHY-P144(T,Y)SHMU-A	2		2	1	2	
PUHY-P168(T,Y)SHMU-A	2		2	1	2	
PUHY-P192(T,Y)SHMU-A	1	1	2	1	1	1
PUHY-P216(T,Y)SHMU-A	1	1	2	1	1	1
PUHY-P240(T,Y)SHMU-A		2	2	1		2
PUHY-P264(T,Y)SHMU-A	2	1	3	1	2	1
PUHY-P288(T,Y)SHMU-A	2	1	3	1	2	1
PUHY-P312(T,Y)SHMU-A	1	2	3	1	1	2
PUHY-P336(T,Y)SHMU-A	1	2	3	1	1	2
PUHY-P360(T,Y)SHMU-A		3	3	1		3

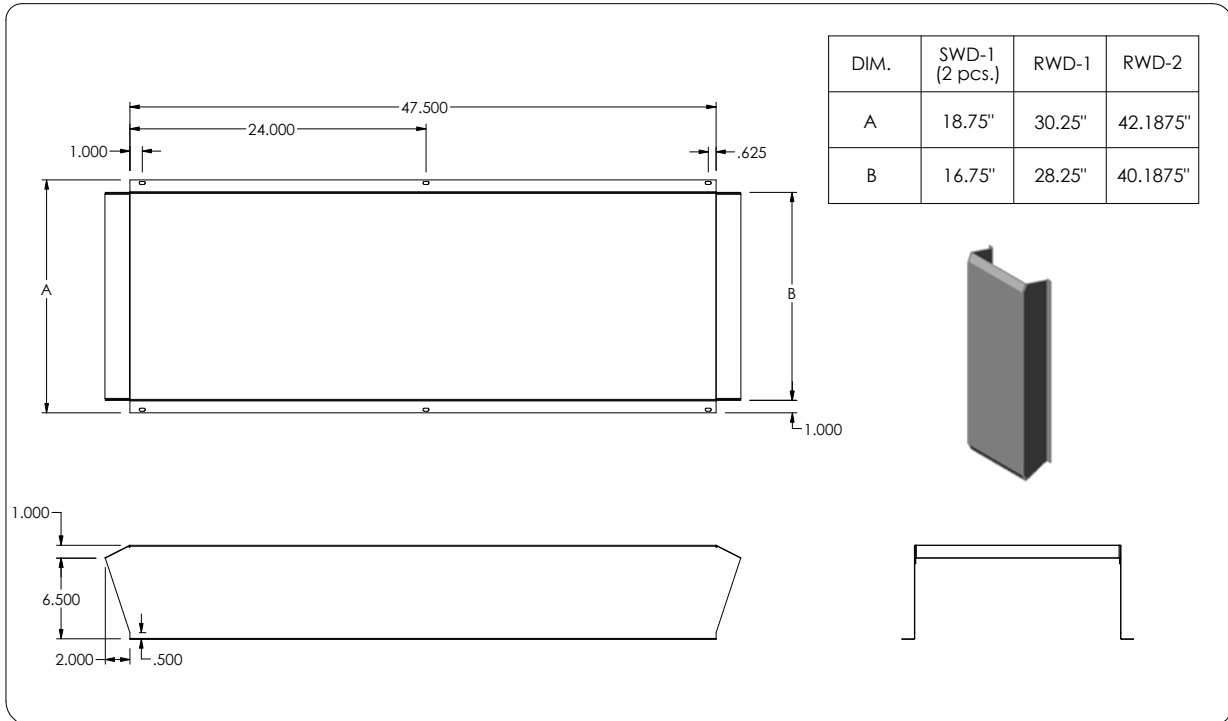
PUHY-P-T/Y(S)JMU Series

Unit model	Module Size			Component Quantity				
	S	L	XL	LAH-1	LAH-2	SWD-1	RWD-1	RWD-2
PUHY-P72(T,Y)JMU-A	1			1		1	1	
PUHY-P96(T,Y)JMU-A		1		1		1		1
PUHY-P120(T,Y)JMU-A			1	1	1	1	2	
PUHY-P144(T,Y)JMU-A			1	1	1	1	2	
PUHY-P168(T,Y)SJMUA	1	1		2		1	1	1
PUHY-P192(T,Y)SJMUA	1		1	2	1	1	3	
PUHY-P216(T,Y)SJMUA		1	1	2	1	1	2	1
PUHY-P240(T,Y)SJMUA			2	2	2	1	4	
PUHY-P264(T,Y)SJMUA			2	2	2	1	4	
PUHY-P288(T,Y)SJMUA			2	2	2	1	4	
PUHY-P312(T,Y)SJMUA	1		2	3	2	1	5	
PUHY-P336(T,Y)SJMUA		1	2	3	2	1	4	1
PUHY-P360(T,Y)SJMUA		1	2	3	2	1	4	1

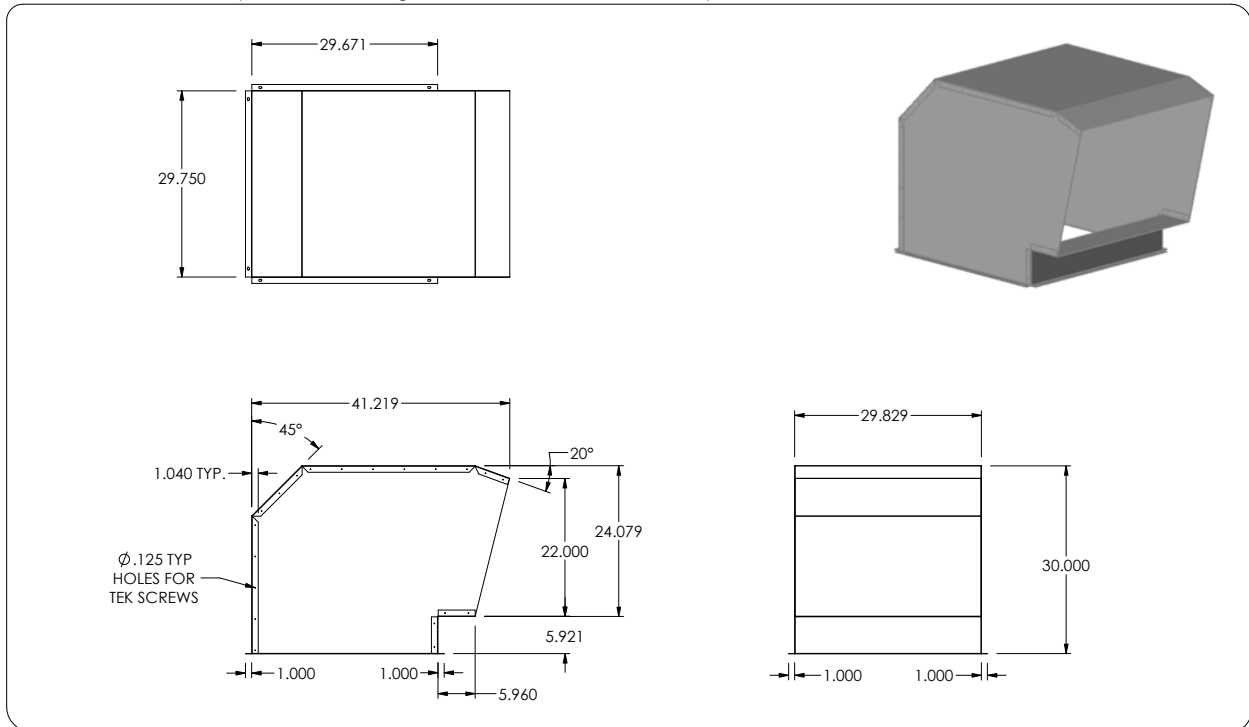
8. OPTIONAL PARTS

Dimensions

Wind Deflectors SWD-1, RWD-1 and RWD-2



Low Ambient Hood LAH-1 (used alone for single fan modules P72 and P96 sizes)



8. OPTIONAL PARTS

Low Ambient Hood LAH-1 with LAH-2 (combined for dual fan (P120 and P144) modules)

