OUTDOOR UNITS

1. 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 *1		BTU / h	72,000	96,000
(Nominal) *1		kW	21.1	28.1
	Power input	kW	5.27	7.95
(208-230)	Current input	A	16.2-14.6	24.5-22.1
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)	23~115°F(-5~46°C)
Heating capacity *2		BTU / h	80,000	108,000
(Nominal) *2		kW	23.4	31.7
	Power input	kW	5.68	8.54
(208-230)	Current input	A	17.5-15.8	26.3-23.8
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)	-4~60°F(-20~15.5°C)
Minimum Circuit Ampacity		A	25-24	36-34
Maximum Overcurrent Protection		A	39-36	59-54
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	Liquid pipe	in. (mm)	3/8"(9.52) Brazed	3/8"(9.52) Brazed (1/2"(12.7) Brazed,total length >= 90m)
piping diameter	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
		m^3 / min	175	175
		L/s	2,920	2,920
	Control, Driving mechanism		Inverter-control,Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92	0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	5.1	6.8
	Case heater	kW	0.035(230 V)	0.045(230 V)
	Lubricant		MEL32	MEL32
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 36-1/4" x 29-15/16"	64-31/32" x 48-1/16" x 29-15/16"
		mm	1,650 x 920 x 760	1,650 x 1,220 x 760
Protection	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)
devices	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
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
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	Auto-defrost mode (Reversed refrigerant cycle)
Drawing	External		KB94T898	KB94T899
	Wiring		KE94C368	KE94C369
Standard	Document		Installation Manual	Installation Manual
attachment	Accessory		Details refer to External Drw	Details refer to External Drw
Optional parts			Outdoor Connection pipe:CMY-YS100UEB joint: CMY-Y102S-G2 Header: CMY-Y104/108/1010-G	Outdoor Connection pipe:CMY-YS200UEB joint: CMY-Y102S/L-G2 Header: CMY-Y104/108/1010-G
Remark			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.	Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

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 *1		BTU / h	120,000	144,000
(Nominal) *1		kW	35.2	42.2
	Power input	kW	9.90	12.42
(208-230)	Current input	A	30.5-27.6	38.3-34.6
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)	23~115°F(-5~46°C)
Heating capacity *2		BTU / h	135,000	160,000
(Nominal) *2		kW	39.6	46.9
	Power input	kW	10.41	13.08
(208-230)	Current input	A	32.1-29.0	40.3-36.4
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)	-4~60°F(-20~15.5°C)
Minimum Circuit Ampacity		A	49-46	59-54
Maximum Overcurrent Protection		A	76-70	93-86
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	Liquid pipe	in. (mm)	3/8"(9.52) Brazed (1/2"(12.7) Brazed,total length >= 40m)	1/2"(12.7) Brazed
piping diameter	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
		m^3 / min	340	340
		L/s	5,670	5,670
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	8.1	9.5
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 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	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)
devices	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
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
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	Auto-defrost mode (Reversed refrigerant cycle)
Drawing	External		KB94T900	KB94T900
	Wiring		KE94C370	KE94C370
Standard	Document		Installation Manual	Installation Manual
attachment	Accessory		Details refer to External Drw	Details refer to External Drw
Optional parts			Outdoor Connection pipe:CMY-YS300UEB joint: CMY-Y102S/L-G2 Header: CMY-Y104/108/1010-G	Outdoor Connection pipe:CMY-YS400UEB 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.	Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Model			PUHY-P168TSJMU-A(-BS)
Power source			3-phase 3-wire 208-230V ±10% 60Hz
Cooling capacity *1		BTU / h	168,000
(Nominal) *1		kW	49.2
	Power input	kW	13.62
(208-230)	Current input	A	42.0-37.9
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity *2		BTU / h	188,000
(Nominal) *2		kW	55.1
	Power input	kW	14.65
(208-230)	Current input	A	45.1-40.8
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	5/8"(15.88) Brazed
piping diameter	Gas pipe	in. (mm)	1-1/8"(28.58) Brazed

Set Model

Model			PUHY-P72TJMU-A(-BS)	PUHY-P96TJMU-A(-BS)
Minimum Circuit Ampacity		A	25-24	36-34
Maximum Overcurrent Protection		A	39-36	59-54
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1
	Airflow rate	cfm	6,180	6,180
		m^3 / min	175	175
		L/s	2,920	2,920
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92	0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	5.1	6.8
	Case heater	kW	0.035(230 V)	0.045(230 V)
	Lubricant		MEL32	MEL32
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 36-1/4" x 29-15/16"	64-31/32" x 48-1/16" x 29-15/16"
		mm	1,650 x 920 x 760	1,650 x 1,220 x 760
Protection	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)
devices	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
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
Pipe between unit and dis-tributor	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 Connection pipe:CMY-YS100UEB,CMY-YS200UEB 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.	

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Model			PUHY-P192TSJMU-A(-BS)
Power source			3-phase 3-wire 208-230V ±10% 60Hz
Cooling capacity	*1	BTU / h	192,000
(Nominal)	*1	kW	56.3
	Power input	kW	15.63
(208-230)	Current input	A	48.2-43.5
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	215,000
(Nominal)	*2	kW	63.0
	Power input	kW	16.57
(208-230)	Current input	A	51.1-46.2
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	5/8"(15.88) Brazed
piping diameter	Gas pipe	in. (mm)	1-1/8"(28.58) Brazed

Set Model

Model			PUHY-P72TJMU-A(-BS)	PUHY-P120TJMU-A(-BS)
Minimum Circuit Ampacity		A	25-24	49-46
Maximum Overcurrent Protection		A	39-36	76-70
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2
	Airflow rate	cfm	6,180	12,010
		m^3 / min	175	340
		L/s	2,920	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	5.1	8.1
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 36-1/4" x 29-15/16"	64-31/32" x 68-29/32" x 29-15/16"
		mm	1,650 x 920 x 760	1,650 x 1,750 x 760
Protection	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)
devices	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
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
Pipe between unit and dis-	Liquid pipe	in. (mm)	3/8"(9.52)Brazed	1/2"(12.7)Brazed
tributor	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 Connection pipe:CMY-YS100UEB,CMY-YS300UEB 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.	

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Model			PUHY-P216TSJMU-A(-BS)
Power source			3-phase 3-wire 208-230V ±10% 60Hz
Cooling capacity	*1	BTU / h	216,000
(Nominal)	*1	kW	63.3
	Power input	kW	18.39
(208-230)	Current input	A	56.7-51.2
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	243,000
(Nominal)	*2	kW	71.2
	Power input	kW	19.52
(208-230)	Current input	A	60.2-54.4
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	5/8"(15.88) Brazed
piping diameter	Gas pipe	in. (mm)	1-1/8"(28.58) Brazed

Set Model

Model			PUHY-P96TJMU-A(-BS)	PUHY-P120TJMU-A(-BS)
Minimum Circuit Ampacity		A	36-34	49-46
Maximum Overcurrent Protection		A	59-54	76-70
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2
	Airflow rate	cfm	6,180	12,010
		m^3 / min	175	340
		L/s	2,920	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	6.8	8.1
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 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	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)
devices	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
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
Pipe between unit and distributor	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 Connection pipe:CMY-YS200UEB,CMY-YS300UEB 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.	

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

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

*Above specification data is subject to rounding variation.

Model			PUHY-P240TSJMU-A(-BS)
Power source			3-phase 3-wire 208-230V ±10% 60Hz
Cooling capacity	*1	BTU / h	240,000
(Nominal)	*1	kW	70.3
	Power input	kW	20.39
(208-230)	Current input	A	62.8-56.8
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	270,000
(Nominal)	*2	kW	79.1
	Power input	kW	21.44
(208-230)	Current input	A	66.1-59.7
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	5/8"(15.88) Brazed
piping diameter	Gas pipe	in. (mm)	1-1/8"(28.58) Brazed

Set Model

Model			PUHY-P120TJMU-A(-BS)	PUHY-P120TJMU-A(-BS)
Minimum Circuit Ampacity		A	49-46	49-46
Maximum Overcurrent Protection		A	76-70	76-70
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	12,010	12,010
		m^3 / min	340	340
		L/s	5,670	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	8.1	8.1
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 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	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)
devices	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
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
Pipe between unit and dis-tributor	Liquid pipe	in. (mm)	1/2"(12.7)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		KB94T904	
	Wiring		KE94C370	KE94C370
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts			Outdoor Connection pipe:CMY-YS300UEB x 2 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.	

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Model			PUHY-P264TSJMU-A(-BS)
Power source			3-phase 3-wire 208-230V ±10% 60Hz
Cooling capacity	*1	BTU / h	264,000
(Nominal)	*1	kW	77.4
	Power input	kW	22.99
(208-230)	Current input	A	70.9-64.1
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	295,000
(Nominal)	*2	kW	86.5
	Power input	kW	24.19
(208-230)	Current input	A	74.6-67.4
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	3/4"(19.05) Brazed
piping diameter	Gas pipe	in. (mm)	1-3/8"(34.93) Brazed

Set Model

Model			PUHY-P120TJMU-A(-BS)	PUHY-P144TJMU-A(-BS)
Minimum Circuit Ampacity		A	49-46	59-54
Maximum Overcurrent Protection		A	76-70	93-86
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	12,010	12,010
		m^3 / min	340	340
		L/s	5,670	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	8.1	9.5
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 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	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)
devices	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
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
Pipe between unit and dis-	Liquid pipe	in. (mm)	1/2"(12.7)Brazed	1/2"(12.7)Brazed
tributor	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 Connection pipe:CMY-YS300UEB,CMY-YS400UEB 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.	

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

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

*Above specification data is subject to rounding variation.

Model			PUHY-P288TSJMU-A(-BS)
Power source			3-phase 3-wire 208-230V ±10% 60Hz
Cooling capacity	*1	BTU / h	288,000
(Nominal)	*1	kW	84.4
	Power input	kW	25.59
(208-230)	Current input	A	78.9-71.3
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	320,000
(Nominal)	*2	kW	93.8
	Power input	kW	26.94
(208-230)	Current input	A	83.0-75.1
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	3/4"(19.05) Brazed
piping diameter	Gas pipe	in. (mm)	1-3/8"(34.93) Brazed

Set Model

Model			PUHY-P144TJMU-A(-BS)	PUHY-P144TJMU-A(-BS)
Minimum Circuit Ampacity		A	59-54	59-54
Maximum Overcurrent Protection		A	93-86	93-86
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	12,010	12,010
		m^3 / min	340	340
		L/s	5,670	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	9.5	9.5
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 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	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)
devices	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
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
Pipe between unit and dis-	Liquid pipe	in. (mm)	1/2"(12.7)Brazed	1/2"(12.7)Brazed
tributor	Gas pipe	in. (mm)	1-1/8"(28.58)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 Connection pipe:CMY-YS400UEB x 2 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.	

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Y

Model			PUHY-P312TSJMU-A(-BS)
Power source			3-phase 3-wire 208-230V ±10% 60Hz
Cooling capacity	*1	BTU / h	312,000
(Nominal)	*1	kW	91.4
	Power input	kW	25.82
(208-230)	Current input	A	79.6-72.0
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	350,000
(Nominal)	*2	kW	102.6
	Power input	kW	27.3
(208-230)	Current input	A	84.1-76.1
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	3/4"(19.05) Brazed
piping diameter	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)
Minimum Circuit Ampacity		A	25-24	49-46	49-46
Maximum Overcurrent Protection		A	39-36	76-70	76-70
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
		m^3 / 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
	Motor output	kW	0.92	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter	Inverter
	Motor output	kW	5.1	8.1	8.1
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	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	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)
devices	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
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
Pipe between unit and distributor	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 Connection pipe:CMY-YS100UEB,CMY-YS300UEB x 2 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.		

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Model			PUHY-P336TSJMU-A(-BS)
Power source			3-phase 3-wire 208-230V ±10% 60Hz
Cooling capacity	*1	BTU / h	336,000
(Nominal)	*1	kW	98.5
	Power input	kW	28.58
(208-230)	Current input	A	88.1-79.7
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	378,000
(Nominal)	*2	kW	110.8
	Power input	kW	30.24
(208-230)	Current input	A	93.2-84.3
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	3/4"(19.05) Brazed
piping diameter	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)
Minimum Circuit Ampacity		A	36-34	49-46	49-46
Maximum Overcurrent Protection		A	59-54	76-70	76-70
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
		m^3 / 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
	Motor output	kW	0.92	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter	Inverter
	Motor output	kW	6.8	8.1	8.1
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	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	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)
devices	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
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
Pipe between unit and distributor	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 Connection pipe:CMY-YS200UEB,CMY-YS300UEB x 2 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.		

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Y

Model			PUHY-P360TSJMU-A(-BS)
Power source			3-phase 3-wire 208-230V ±10% 60Hz
Cooling capacity	*1	BTU / h	360,000
(Nominal)	*1	kW	105.5
	Power input	kW	31.18
(208-230)	Current input	A	96.1-86.9
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	403,000
(Nominal)	*2	kW	118.1
	Power input	kW	32.99
(208-230)	Current input	A	101.7-92.0
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	3/4"(19.05) Brazed
piping diameter	Gas pipe	in. (mm)	1-5/8"(41.28) Brazed

Set Model

Model			PUHY-P96TJMU-A(-BS)	PUHY-P120TJMU-A(-BS)	PUHY-P144TJMU-A(-BS)
Minimum Circuit Ampacity		A	36-34	49-46	59-54
Maximum Overcurrent Protection		A	59-54	76-70	93-86
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
		m^3 / 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
	Motor output	kW	0.92	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter	Inverter
	Motor output	kW	6.8	8.1	9.5
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	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	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)
devices	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
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
Pipe between unit and distributor	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		KB94T906		
	Wiring		KE94C369	KE94C370	KE94C370
Standard attachment	Document		Installation Manual		
	Accessory		Details refer to External Drw		
Optional parts			Outdoor Connection pipe:CMY-YS200UEB,CMY-YS300UEB,CMY-YS400UEB 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.		

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

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 *1		BTU / h	72,000	96,000
(Nominal) *1		kW	21.1	28.1
	Power input	kW	5.27	7.95
(460)	Current input	A	7.3	11.0
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)	23~115°F(-5~46°C)
Heating capacity *2		BTU / h	80,000	108,000
(Nominal) *2		kW	23.4	31.7
	Power input	kW	5.68	8.54
(460)	Current input	A	7.9	11.9
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)	-4~60°F(-20~15.5°C)
Minimum Circuit Ampacity		A	12	17
Maximum Overcurrent Protection		A	18	27
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	Liquid pipe	in. (mm)	3/8"(9.52) Brazed	3/8"(9.52) Brazed (1/2"(12.7) Brazed,total length >= 90m)
piping diameter	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
		m^3 / min	175	175
		L/s	2,920	2,920
	Control, Driving mechanism		Inverter-control,Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92	0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	5.1	6.8
	Case heater	kW	0.035(230 V)	0.045(230 V)
	Lubricant		MEL32	MEL32
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 36-1/4" x 29-15/16"	64-31/32" x 48-1/16" x 29-15/16"
		mm	1,650 x 920 x 760	1,650 x 1,220 x 760
Protection	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)
devices	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
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
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	Auto-defrost mode (Reversed refrigerant cycle)
Drawing	External		KB94T907	KB94T908
	Wiring		KE94C371	KE94C371
Standard	Document		Installation Manual	Installation Manual
attachment	Accessory		Details refer to External Drw	Details refer to External Drw
Optional parts			Outdoor Connection pipe:CMY-YS100UEB joint: CMY-Y102S-G2 Header: CMY-Y104/108/1010-G	Outdoor Connection pipe:CMY-YS200UEB joint: CMY-Y102S/L-G2 Header: CMY-Y104/108/1010-G
Remark			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.	Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Y

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	*1	BTU / h	120,000	144,000
(Nominal)	*1	kW	35.2	42.2
	Power input	kW	9.90	12.42
(460)	Current input	A	13.8	17.3
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	135,000	160,000
(Nominal)	*2	kW	39.6	46.9
	Power input	kW	10.41	13.08
(460)	Current input	A	14.5	18.2
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)	-4~60°F(-20~15.5°C)
Minimum Circuit Ampacity		A	23	27
Maximum Overcurrent Protection		A	35	43
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	Liquid pipe	in. (mm)	3/8"(9.52) Brazed (1/2"(12.7) Brazed,total length >= 40m)	1/2"(12.7) Brazed
piping diameter	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
		m^3 / min	340	340
		L/s	5,670	5,670
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	8.1	9.5
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 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	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)
devices	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
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
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	Auto-defrost mode (Reversed refrigerant cycle)
Drawing	External		KB94T909	KB94T909
	Wiring		KE94C372	KE94C372
Standard	Document		Installation Manual	Installation Manual
attachment	Accessory		Details refer to External Drw	Details refer to External Drw
Optional parts			Outdoor Connection pipe:CMY-YS300UEB joint: CMY-Y102S/L-G2 Header: CMY-Y104/108/1010-G	Outdoor Connection pipe:CMY-YS400UEB 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.	Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

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

*Above specification data is subject to rounding variation.

Model			PUHY-P168YSJMU-A(-BS)
Power source			3-phase 3-wire 460V ±10% 60Hz
Cooling capacity *1		BTU / h	168,000
(Nominal) *1		kW	49.2
	Power input	kW	13.62
(460)	Current input	A	18.9
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity *2		BTU / h	188,000
(Nominal) *2		kW	55.1
	Power input	kW	14.65
(460)	Current input	A	20.4
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	5/8"(15.88) Brazed
piping diameter	Gas pipe	in. (mm)	1-1/8"(28.58) Brazed

Set Model

Model			PUHY-P72YJMU-A(-BS)	PUHY-P96YJMU-A(-BS)
Minimum Circuit Ampacity		A	12	17
Maximum Overcurrent Protection		A	18	27
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1
	Airflow rate	cfm	6,180	6,180
		m^3 / min	175	175
		L/s	2,920	2,920
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92	0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	5.1	6.8
	Case heater	kW	0.035(230 V)	0.045(230 V)
	Lubricant		MEL32	MEL32
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 36-1/4" x 29-15/16"	64-31/32" x 48-1/16" x 29-15/16"
		mm	1,650 x 920 x 760	1,650 x 1,220 x 760
Protection	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)
devices	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
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
Pipe between unit and dis-	Liquid pipe	in. (mm)	3/8"(9.52)Brazed	3/8"(9.52)Brazed
tributor	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 Connection pipe:CMY-YS100UEB,CMY-YS200UEB 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.	

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Y

Model			PUHY-P192YSJMU-A(-BS)
Power source			3-phase 3-wire 460V ±10% 60Hz
Cooling capacity	*1	BTU / h	192,000
(Nominal)	*1	kW	56.3
	Power input	kW	15.63
(460)	Current input	A	21.7
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	215,000
(Nominal)	*2	kW	63.0
	Power input	kW	16.57
(460)	Current input	A	23.1
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	5/8"(15.88) Brazed
piping diameter	Gas pipe	in. (mm)	1-1/8"(28.58) Brazed

Set Model

Model			PUHY-P72YJMU-A(-BS)	PUHY-P120YJMU-A(-BS)
Minimum Circuit Ampacity		A	12	23
Maximum Overcurrent Protection		A	18	35
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2
	Airflow rate	cfm	6,180	12,010
		m^3 / min	175	340
		L/s	2,920	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	5.1	8.1
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 36-1/4" x 29-15/16"	64-31/32" x 68-29/32" x 29-15/16"
		mm	1,650 x 920 x 760	1,650 x 1,750 x 760
Protection	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)
devices	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
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
Pipe between unit and distributor	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 Connection pipe:CMY-YS100UEB,CMY-YS300UEB 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.	

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

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

*Above specification data is subject to rounding variation.

Model			PUHY-P216YSJMU-A(-BS)
Power source			3-phase 3-wire 460V ±10% 60Hz
Cooling capacity	*1	BTU / h	216,000
(Nominal)	*1	kW	63.3
	Power input	kW	18.39
(460)	Current input	A	25.6
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	243,000
(Nominal)	*2	kW	71.2
	Power input	kW	19.52
(460)	Current input	A	27.2
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	5/8"(15.88) Brazed
piping diameter	Gas pipe	in. (mm)	1-1/8"(28.58) Brazed

Set Model

Model			PUHY-P96YJMU-A(-BS)	PUHY-P120YJMU-A(-BS)
Minimum Circuit Ampacity		A	17	23
Maximum Overcurrent Protection		A	27	35
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2
	Airflow rate	cfm	6,180	12,010
		m^3 / min	175	340
		L/s	2,920	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	6.8	8.1
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 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	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)
devices	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
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)	530(240)	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
Pipe between unit and dis-tributor	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		KB94T912	
	Wiring		KE94C371	KE94C372
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts			Outdoor Connection pipe:CMY-YS200UEB,CMY-YS300UEB 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.	

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Model			PUHY-P240YSJMU-A(-BS)
Power source			3-phase 3-wire 460V ±10% 60Hz
Cooling capacity *1		BTU / h	240,000
(Nominal) *1		kW	70.3
	Power input	kW	20.39
(460)	Current input	A	28.4
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity *2		BTU / h	270,000
(Nominal) *2		kW	79.1
	Power input	kW	21.44
(460)	Current input	A	29.8
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	5/8"(15.88) Brazed
piping diameter	Gas pipe	in. (mm)	1-1/8"(28.58) Brazed

Set Model

Model			PUHY-P120YJMU-A(-BS)	PUHY-P120YJMU-A(-BS)
Minimum Circuit Ampacity		A	23	23
Maximum Overcurrent Protection		A	35	35
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	12,010	12,010
		m^3 / min	340	340
		L/s	5,670	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	8.1	8.1
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 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	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)
devices	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
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
Pipe between unit and dis-	Liquid pipe	in. (mm)	1/2"(12.7)Brazed	1/2"(12.7)Brazed
tributor	Gas pipe	in. (mm)	7/8"(22.2)Brazed	7/8"(22.2)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 Connection pipe:CMY-YS300UEB x 2 Outdoor Twinning kit: CMY-Y100VBK2 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.	

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Model			PUHY-P264YSJMU-A(-BS)
Power source			3-phase 3-wire 460V ±10% 60Hz
Cooling capacity	*1	BTU / h	264,000
(Nominal)	*1	kW	77.4
	Power input	kW	22.99
(460)	Current input	A	32.0
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	295,000
(Nominal)	*2	kW	86.5
	Power input	kW	24.19
(460)	Current input	A	33.7
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	3/4"(19.05) Brazed
piping diameter	Gas pipe	in. (mm)	1-3/8"(34.93) Brazed

Set Model

Model			PUHY-P120YJMU-A(-BS)	PUHY-P144YJMU-A(-BS)
Minimum Circuit Ampacity		A	23	27
Maximum Overcurrent Protection		A	35	43
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	12,010	12,010
		m^3 / min	340	340
		L/s	5,670	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	8.1	9.5
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 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	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)
devices	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
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
Pipe between unit and dis-tributor	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 Connection pipe:CMY-YS300UEB,CMY-YS400UEB 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.	

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Model			PUHY-P288YSJMU-A(-BS)
Power source			3-phase 3-wire 460V ±10% 60Hz
Cooling capacity	*1	BTU / h	288,000
(Nominal)	*1	kW	84.4
	Power input	kW	25.59
(460)	Current input	A	35.6
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	320,000
(Nominal)	*2	kW	93.8
	Power input	kW	26.94
(460)	Current input	A	37.5
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	3/4"(19.05) Brazed
piping diameter	Gas pipe	in. (mm)	1-3/8"(34.93) Brazed

Set Model

Model			PUHY-P144YJMU-A(-BS)	PUHY-P144YJMU-A(-BS)
Minimum Circuit Ampacity		A	27	27
Maximum Overcurrent Protection		A	43	43
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	12,010	12,010
		m^3 / min	340	340
		L/s	5,670	5,670
	Control , Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter
	Motor output	kW	9.5	9.5
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	64-31/32" x 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	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)
devices	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
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
Pipe between unit and distributor	Liquid pipe	in. (mm)	1/2"(12.7)Brazed	1/2"(12.7)Brazed
	Gas pipe	in. (mm)	1-1/8"(28.58)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 Connection pipe:CMY-YS400UEB x 2 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.	

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

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

*Above specification data is subject to rounding variation.

Model			PUHY-P312YSJMU-A(-BS)
Power source			3-phase 3-wire 460V ±10% 60Hz
Cooling capacity *1		BTU / h	312,000
(Nominal) *1		kW	91.4
	Power input	kW	25.82
(460)	Current input	A	36.0
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity *2		BTU / h	350,000
(Nominal) *2		kW	102.6
	Power input	kW	27.30
(460)	Current input	A	38.0
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	3/4"(19.05) Brazed
piping diameter	Gas pipe	in. (mm)	1-3/8"(34.93) Brazed

Set Model

Model			PUHY-P72YJMU-A(-BS)	PUHY-P120YJMU-A(-BS)	PUHY-P120YJMU-A(-BS)
Minimum Circuit Ampacity		A	12	23	23
Maximum Overcurrent Protection		A	18	35	35
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
		m^3 / 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
	Motor output	kW	0.92	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter	Inverter
	Motor output	kW	5.1	8.1	8.1
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	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	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)
devices	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
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
Pipe between unit and distributor	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		KB94T914		
	Wiring		KE94C371	KE94C372	KE94C372
Standard attachment	Document		Installation Manual		
	Accessory		Details refer to External Drw		
Optional parts			Outdoor Connection pipe:CMY-YS100UEB,CMY-YS300UEB x 2 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.		

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Y

Model			PUHY-P336YSJMU-A(-BS)
Power source			3-phase 3-wire 460V ±10% 60Hz
Cooling capacity	*1	BTU / h	336,000
(Nominal)	*1	kW	98.5
	Power input	kW	28.58
(460)	Current input	A	39.8
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity	*2	BTU / h	378,000
(Nominal)	*2	kW	110.8
	Power input	kW	30.24
(460)	Current input	A	42.1
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	3/4"(19.05) Brazed
piping diameter	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)
Minimum Circuit Ampacity		A	17	23	23
Maximum Overcurrent Protection		A	27	35	35
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
		m^3 / 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
	Motor output	kW	0.92	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter	Inverter
	Motor output	kW	6.8	8.1	8.1
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	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	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)
devices	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
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
Pipe between unit and distributor	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 Connection pipe:CMY-YS200UEB,CMY-YS300UEB x 2 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.		

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

Model			PUHY-P360YSJMU-A(-BS)
Power source			3-phase 3-wire 460V ±10% 60Hz
Cooling capacity *1		BTU / h	360,000
(Nominal) *1		kW	105.5
	Power input	kW	31.18
(460)	Current input	A	43.4
Temp. range of	Indoor	W.B.	59~75°F(15~24°C)
cooling	Outdoor	D.B.	23~115°F(-5~46°C)
Heating capacity *2		BTU / h	403,000
(Nominal) *2		kW	118.1
	Power input	kW	32.99
(460)	Current input	A	46.0
Temp. range of	Indoor	D.B.	59~81°F(15~27°C)
heating	Outdoor	W.B.	-4~60°F(-20~15.5°C)
Indoor unit	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	Liquid pipe	in. (mm)	3/4"(19.05) Brazed
piping diameter	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)
Minimum Circuit Ampacity		A	17	23	27
Maximum Overcurrent Protection		A	27	35	43
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
		m^3 / 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
	Motor output	kW	0.92	0.92+0.92	0.92+0.92
*3	External static press.		0 in.WG (0 Pa)	0 in.WG (0 Pa)	0 in.WG (0 Pa)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION	AC&R Works, MITSUBISHI ELECTRIC CORPORATION
	Starting method		Inverter	Inverter	Inverter
	Motor output	kW	6.8	8.1	9.5
	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) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension H x W x D		in.	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
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
Pipe between unit and distributor	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 Connection pipe:CMY-YS200UEB,CMY-YS300UEB,CMY-YS400UEB 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.		

Notes :

1.Nominal cooling conditions
Indoor:80°FDB/67°FWB (26.7°CDB/19.4°CWB)
Outdoor:95°FDB (35°CDB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
2.Nominal heating conditions
Indoor:70°FDB (21.1°CDB)
Outdoor:47°FDB/43°FWB (8.3°CDB/6.1°CWB)
Pipe length:25ft. (7.6m), Level difference:0ft. (0m)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG / 30Pa, 60Pa).
* Due to continuing improvement, above specifications may be subject to change without notice.

Unit converter

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

*Above specification data is subject to rounding variation.

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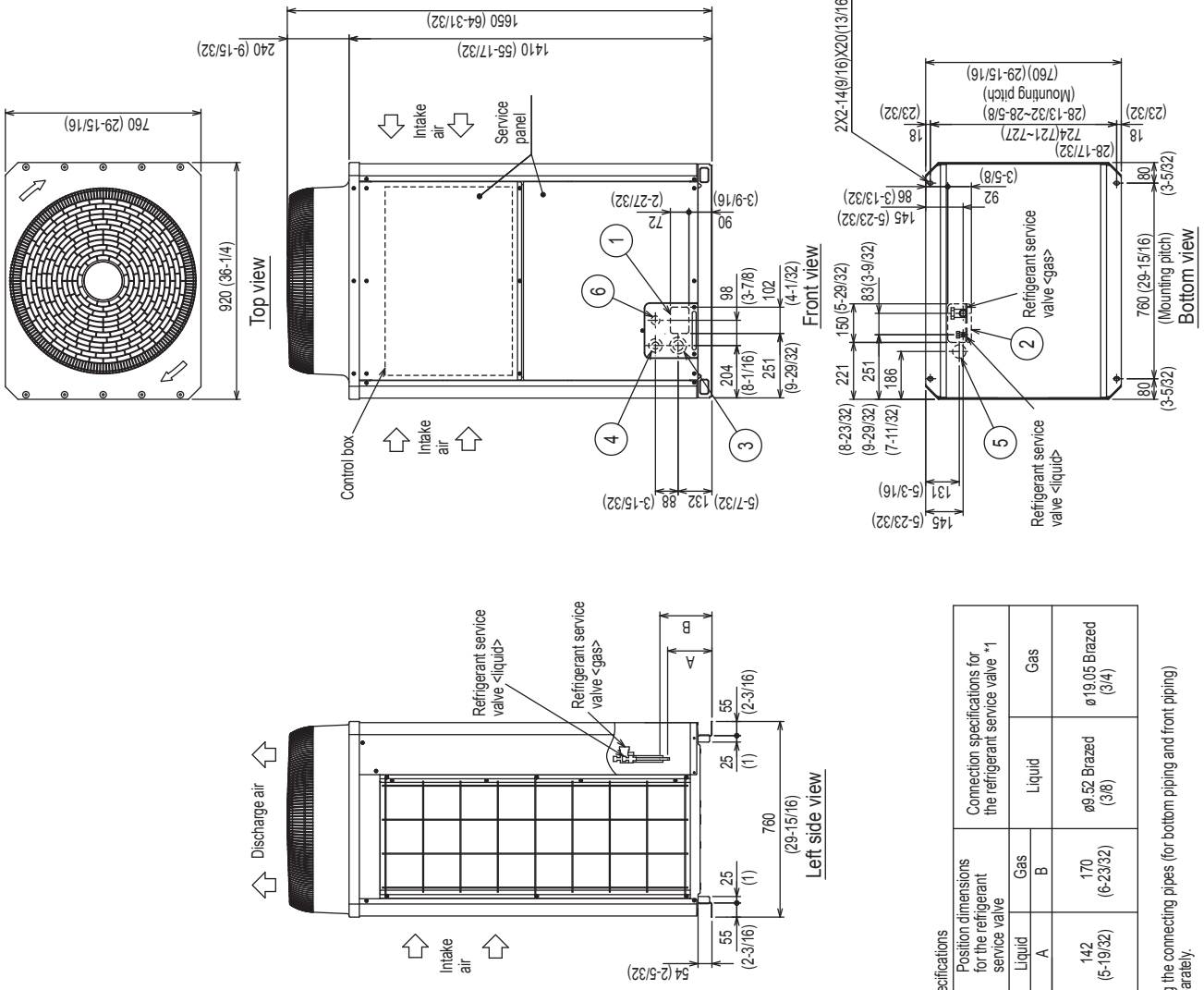
PUHY-P72TJMU-A(-BS)

Unit : mm(in.)

<Optional parts>
● Connecting pipe
<Gas> · Elbow(ID⌀25.4(1)XOD⌀25.4(1)) 1pc.
· Pipe (ID⌀25.4(1)XOD⌀19.05(3/4)) 1pc.
<Liquid> · Pipe (ID⌀9.52(3/8)XOD⌀9.52(3/8)) 1pc.

Note1.Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
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	For pipes	Front through hole	102 X 72 Knockout hole (4-1/32) (2-27/32)
②		Bottom through hole	150 X 92 Knockout hole (5-29/32) (3-5/8)
③	For wires	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)
⑤		Bottom through hole	ø52 Knockout hole (2-1/16)
⑥	For transmission cables	Front through hole	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 A	Gas B	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.

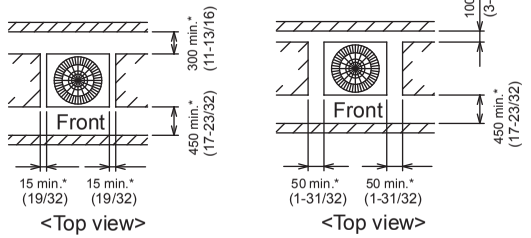
PUHY-P72TJMU-A(-BS)

1.Required space around the unit

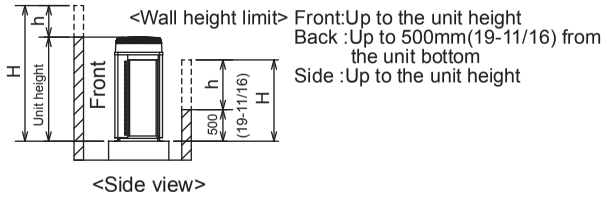
● In case of single installation

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



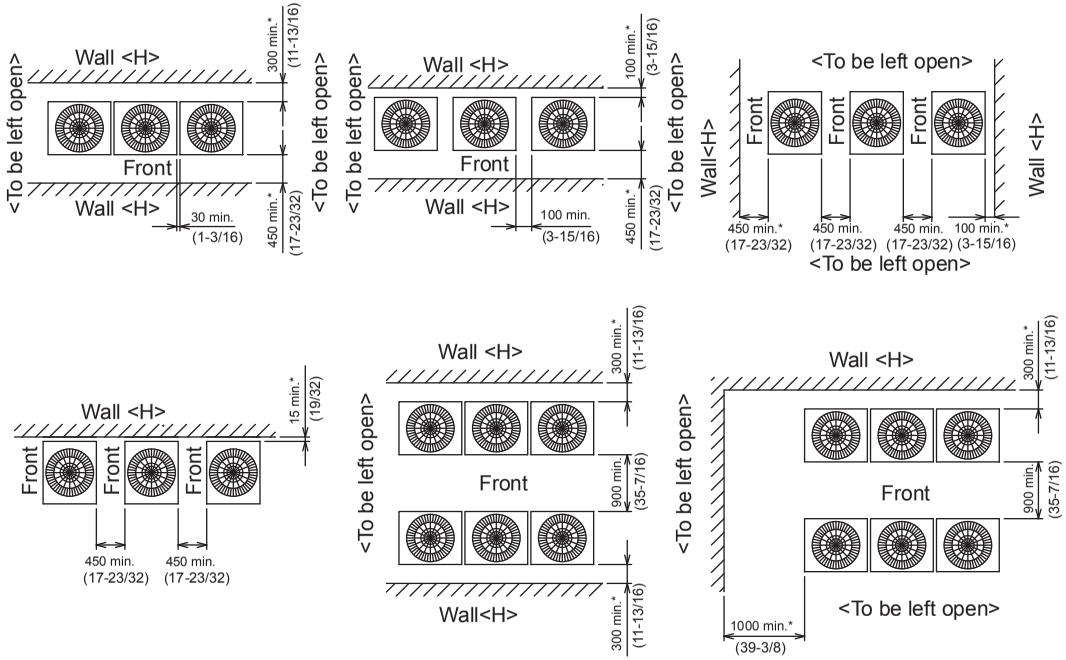
② When the height of the walls on the front,back or on the sides<H> exceeds the wall height limit as defined below add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.



<Wall height limit> Front:Up to the unit height
Back :Up to 500mm(19-11/16) from the unit bottom
Side :Up to the unit height

● 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 1000mm or more as inlet space/ passage space for each six units.



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.

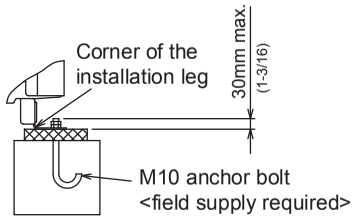


Fig.A

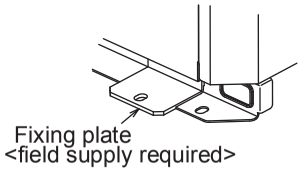


Fig.B

Unit : mm(in.)

Y

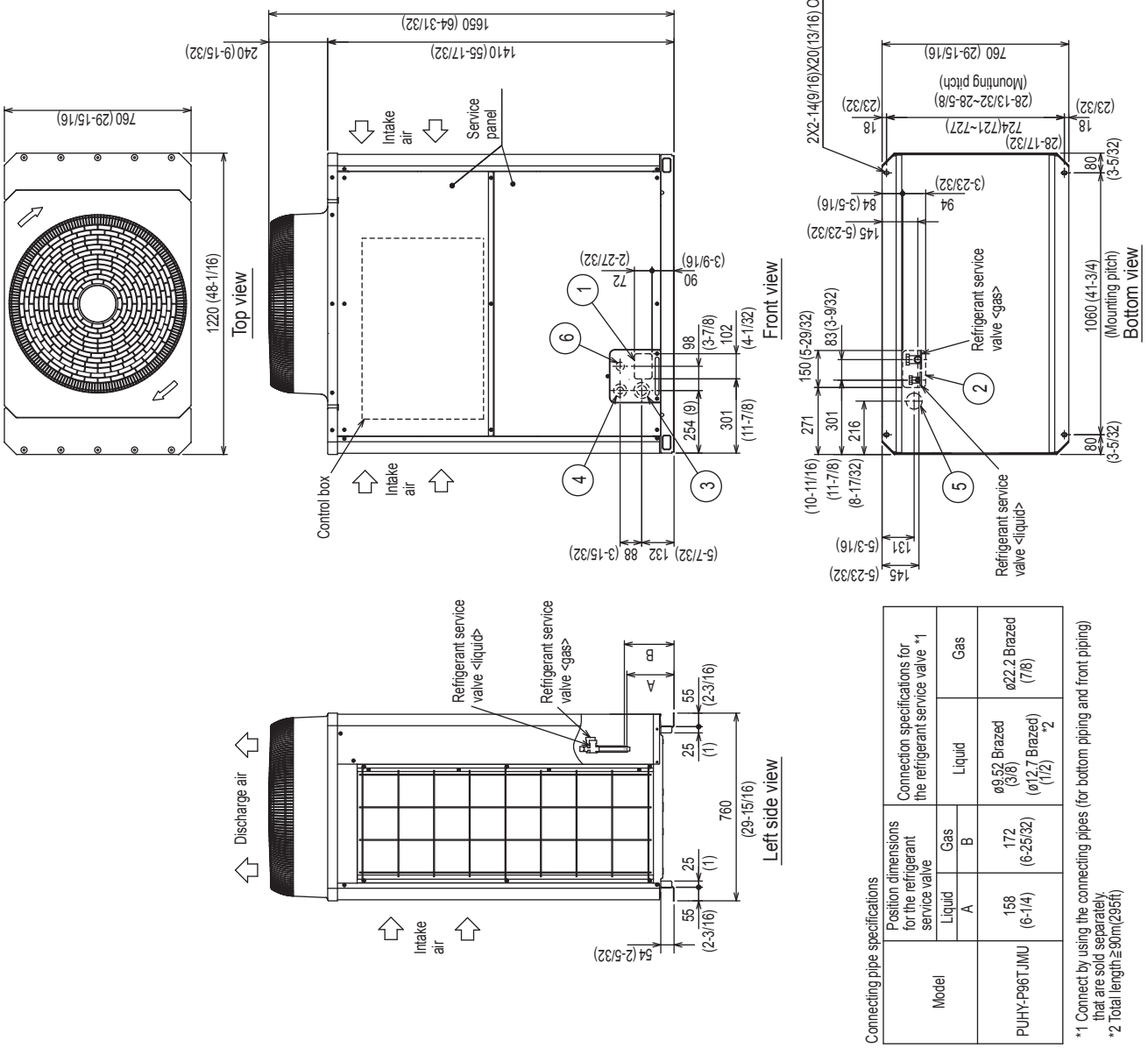
PUHY-P96TJMU-A(-BS)

Unit : mm(in.)

<Optional parts>
● Connecting pipe
<Gas> · Elbow((ID⌀25.4(1)XOD⌀25.4(1)) 1pc.
· Pipe (ID⌀25.4(1)XOD⌀22.2(7/8)) 1pc.
<Liquid> · Pipe (ID⌀9.52(3/8)XOD⌀9.52(3/8)) 1pc.
· Pipe (ID⌀9.52(3/8)XOD⌀12.7(1/2)) 1pc.

Note1.Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
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	For pipes	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	For wires	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	Front through hole	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 A	Gas B	Liquid	Gas
PUHY-P96T.IMU	158 (6-1/4)	172 (6-25/32)	ø9.52 Brazed (3/8) (ø12.7 Brazed) (1/2) *2	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≦90m(295ft)

PUHY-P96TJMU-A(-BS)

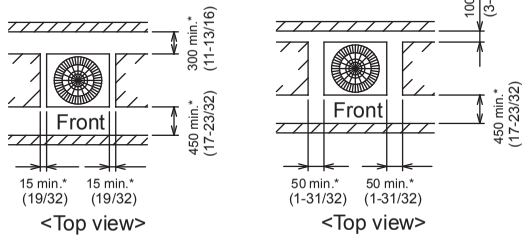
1.Required space around the unit

● In case of single installation

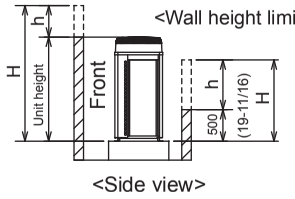
① Secure enough space around the unit as shown in the figure below.

・With a space of at least 300mm(11-13/16) to the wall on the back of the unit

・With a space of at least 100mm(3-15/16) to the wall on the back of the unit



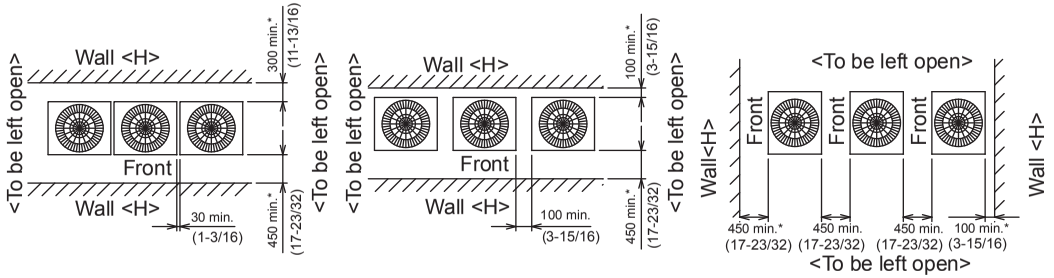
② When the height of the walls on the front,back or on the sides<H> exceeds the wall height limit as defined below add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.

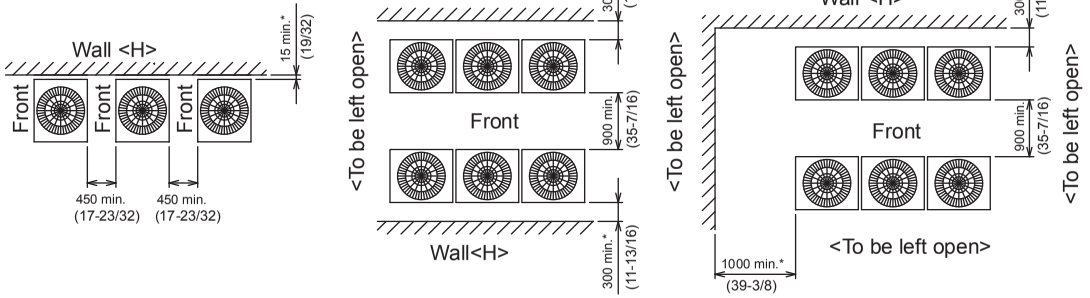


<Wall height limit> Front:Up to the unit height
Back :Up to 500mm(19-11/16) from the unit bottom
Side :Up to the unit height

● 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.
②At least two sides must be left open.
③As with the single installation, add the height that exceeds the height limit<h> to the figures that are marked with an asterisk.
④If 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 1000mm or more as inlet space/ passage space for each six units.





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.

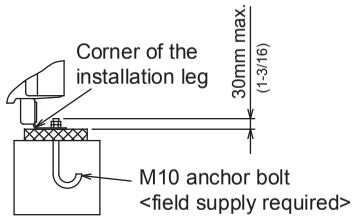


Fig.A

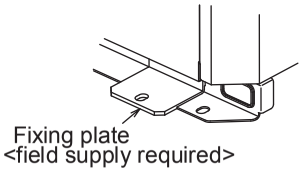


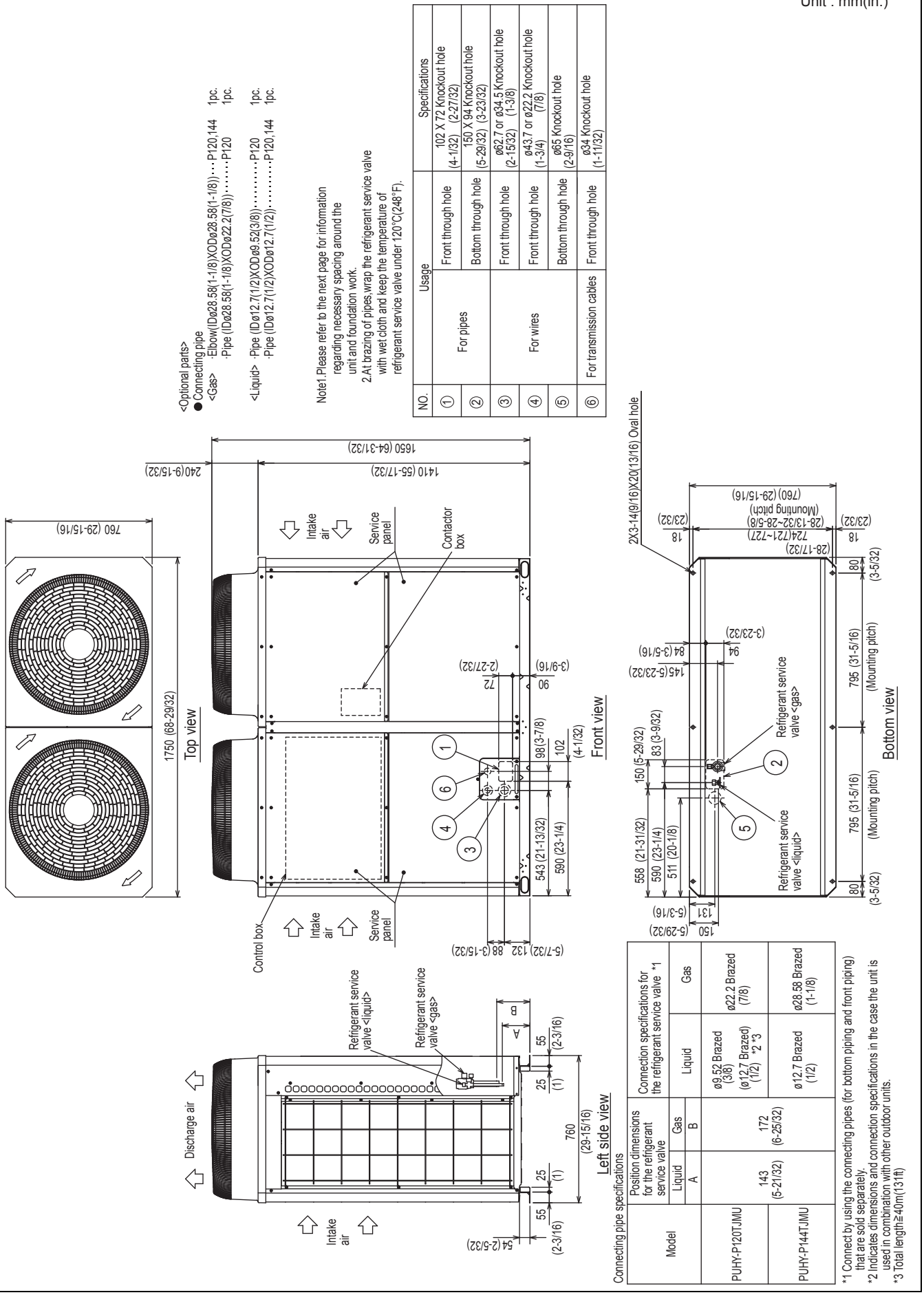
Fig.B

Unit : mm(in.)

Y

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

Unit : mm(in.)



<Optional parts>
● Connecting pipe
<Gas> ·Elbow(ID ø28.58(1-1/8)XOD ø28.58(1-1/8))・・・P120,144 1pc.
·Pipe (ID ø28.58(1-1/8)XOD ø22.2(7/8))・・・・・・・P120 1pc.
<Liquid> ·Pipe (ID ø12.7(1/2)XOD ø9.52(3/8))・・・・・・・・P120 1pc.
·Pipe (ID ø12.7(1/2)XOD ø12.7(1/2))・・・・・・・・・P120,144 1pc.

Note1.Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
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	For pipes	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	For wires	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	Front through hole	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 A	Gas B	Liquid	Gas
PUHY-P120TJMU	143 (5-21/32)	172 (6-25/32)	ø9.52 Brazed (3/8) (ø12.7 Brazed (1/2) *2 *3	ø22.2 Brazed (7/8)
PUHY-P144TJMU			ø12.7 Brazed (1/2)	ø28.58 Brazed (1-1/8)

*1 Connect by using the connecting pipes (for bottom piping and front piping) that are sold separately.
*2 Indicates dimensions and connection specifications in the case the unit is used in combination with other outdoor units.
*3 Total length≧40m(131ft)

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

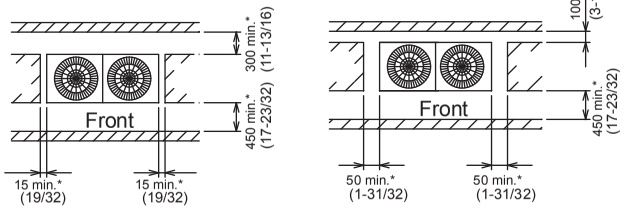
1.Required space around the unit

● In case of single installation

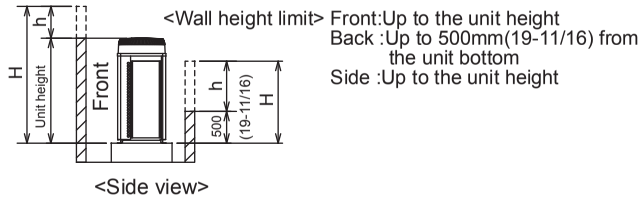
① Secure enough space around the unit as shown in the figure below.

・With a space of at least 300mm(11-13/16) to the wall on the back of the unit

・With a space of at least 100mm(3-15/16) to the wall on the back of the unit



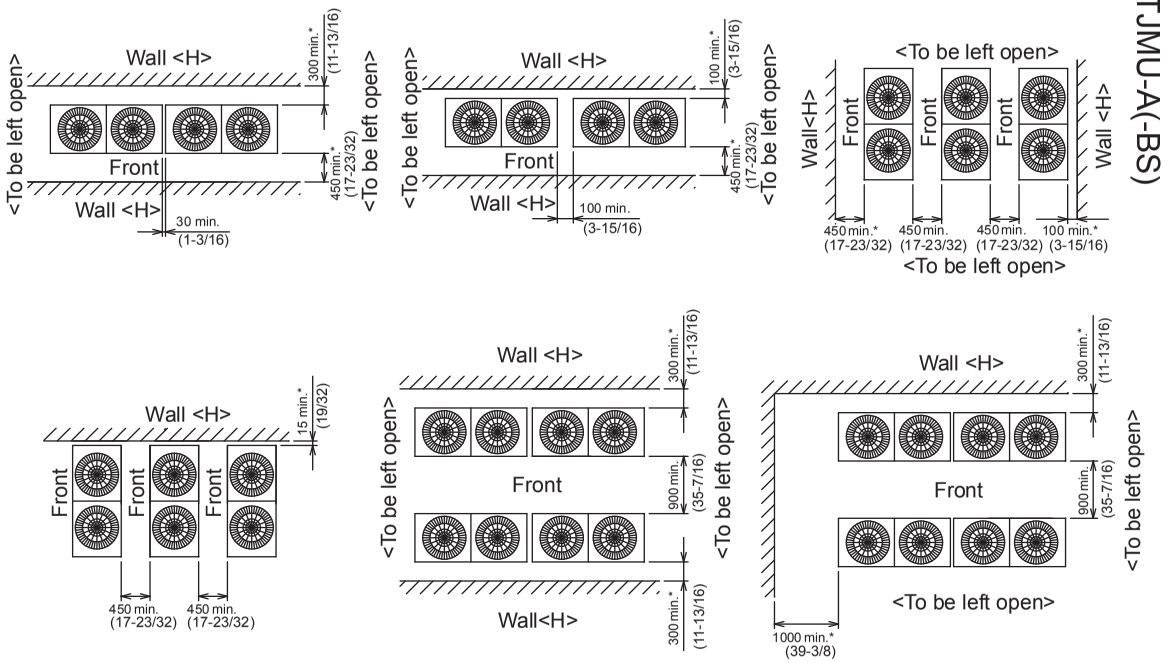
② When the height of the walls on the front,back or on the sides<H> exceeds the wall height limit as defined below add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.



<Wall height limit> Front:Up to the unit height
Back :Up to 500mm(19-11/16) from the unit bottom
Side :Up to the unit height

● 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 1000mm or more as inlet space/ passage space for each three units.



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.

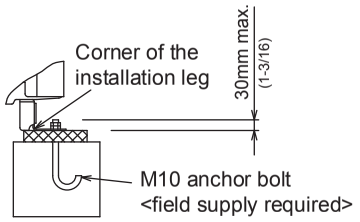


Fig.A

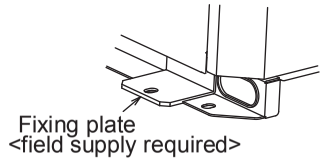


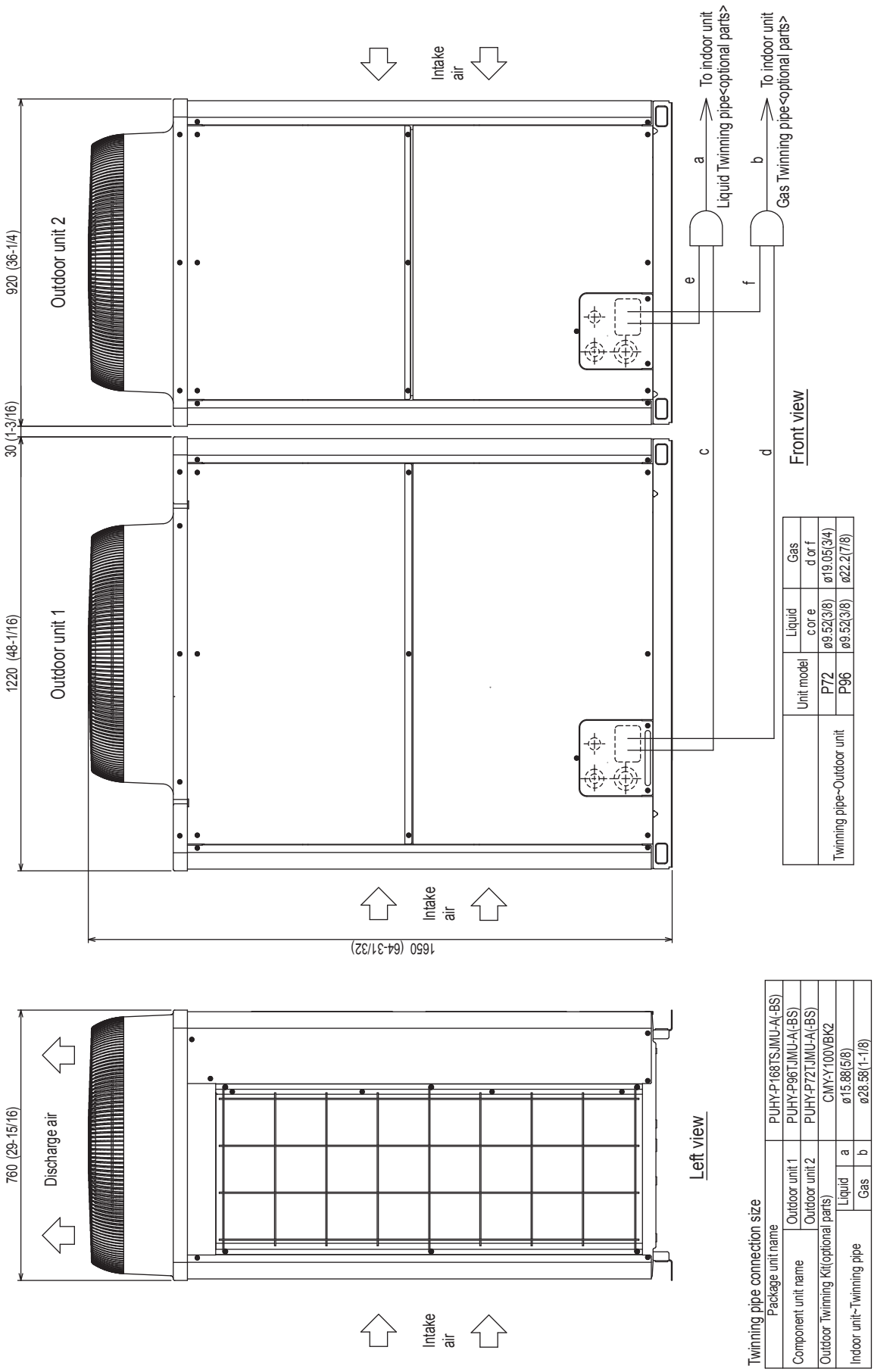
Fig.B

Unit : mm(in.)

Y

PUHY-P168TSJMU-A(-BS)

Unit : mm(in.)



Twinning pipe~Outdoor unit	Unit model	Liquid	Gas
		c or e	d or f
	P72	ø9.52(3/8)	ø19.05(3/4)
	P96	ø9.52(3/8)	ø22.2(7/8)

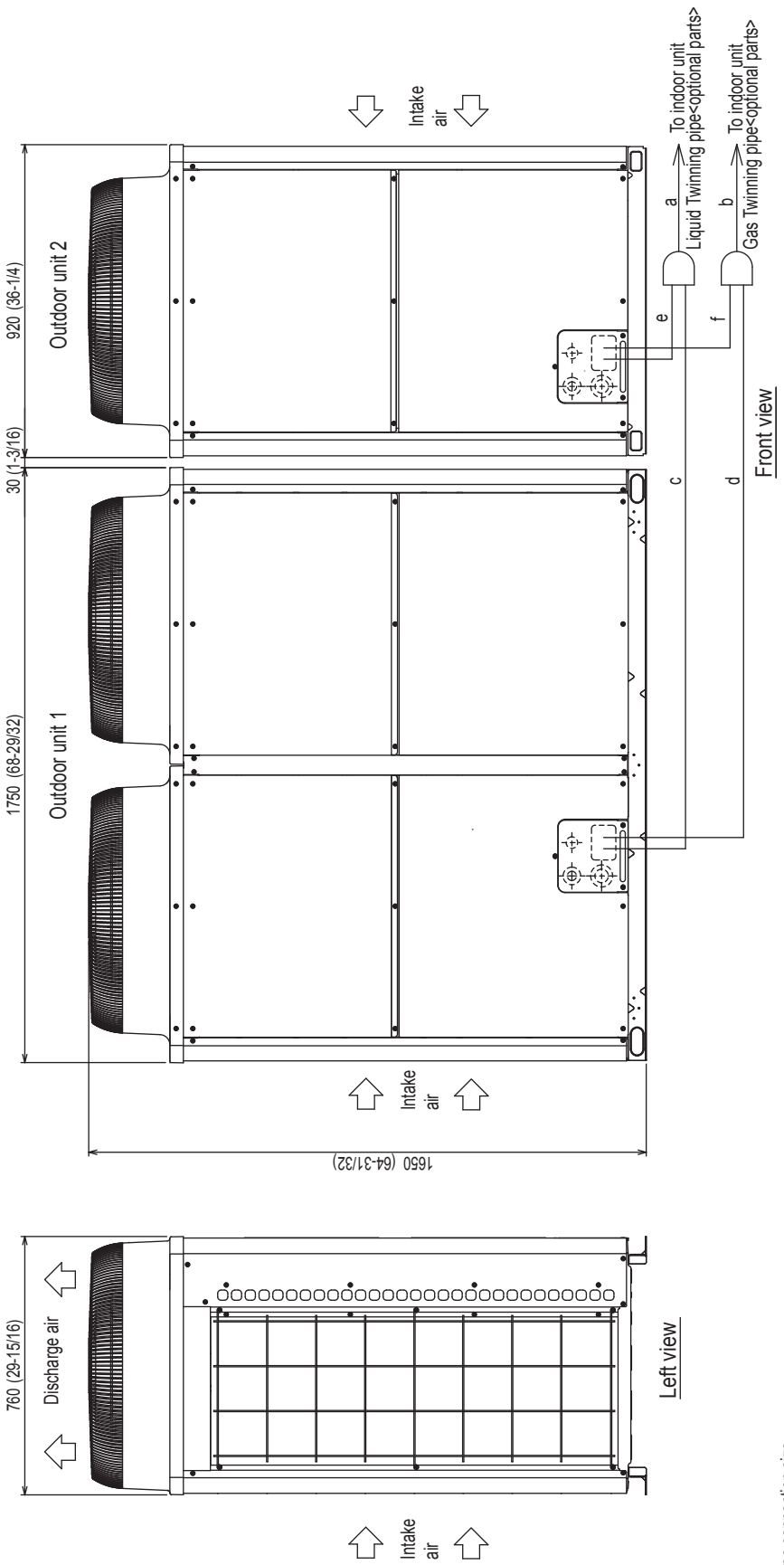
Twinning pipe connection size

Package unit name			PUHY-P168TSJMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P96TJMU-A(-BS)
	Outdoor unit 2		PUHY-P72TJMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100VBK2
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).

PUHY-P192TSJMU-A(-BS)

Unit : mm(in.)



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

Twinning pipe connection size

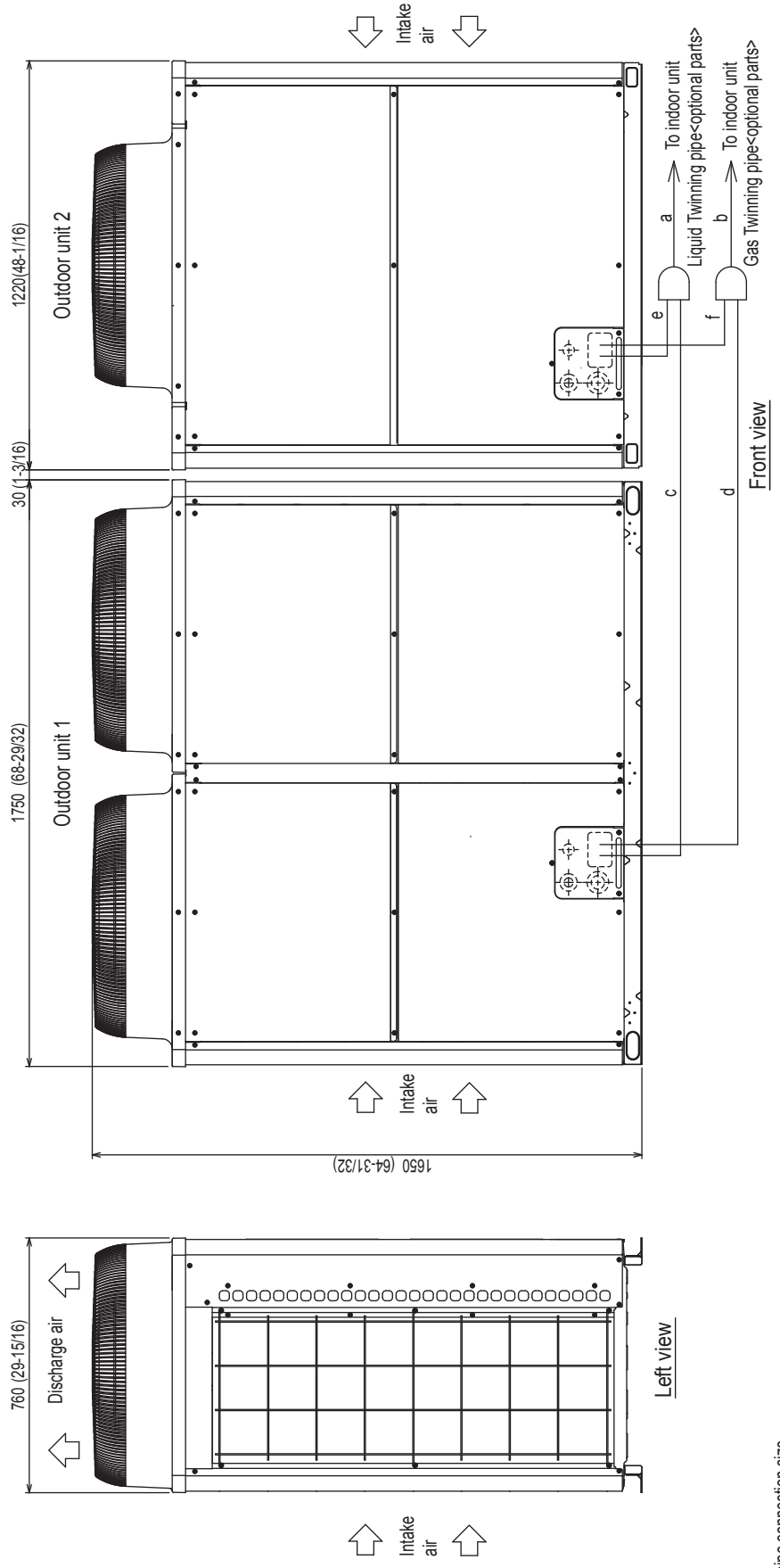
Package unit name			PUHY-P192TSJMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120TJMU-A(-BS)
	Outdoor unit 2		PUHY-P72TJMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100VBK2
Indoor unit~Twinning pipe	Liquid	a	ø15.88(5/8)
	Gas	b	ø28.58(1-1/8)

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).

Y

PUHY-P216TSJMU-A(-BS)

Unit : mm(in.)



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

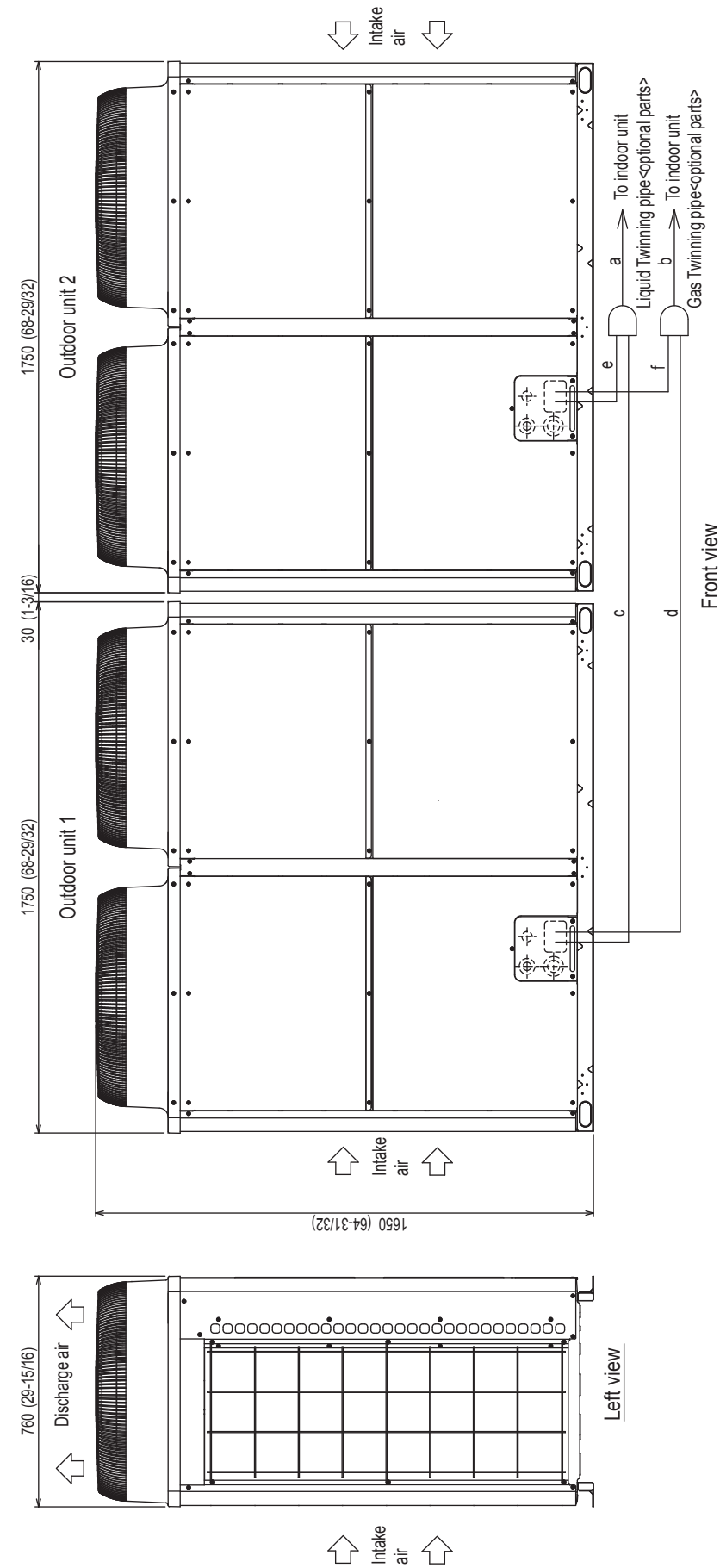
Twinning pipe connection size

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)			CMY-Y100VBK2
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).

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

Unit : mm(in.)



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)	PUHY-P144TJMU-A(-BS)	PUHY-P144TJMU-A(-BS)
	Outdoor unit 2		PUHY-P120TJMU-A(-BS)	PUHY-P120TJMU-A(-BS)	PUHY-P144TJMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100VBK2	CMY-Y200VBK2	
Indoor unit~Twinning pipe	Liquid	a	ø15.88(5/8)	ø19.05(3/4)	
	Gas	b	ø28.58(1-1/8)	ø34.93(1-3/8)	

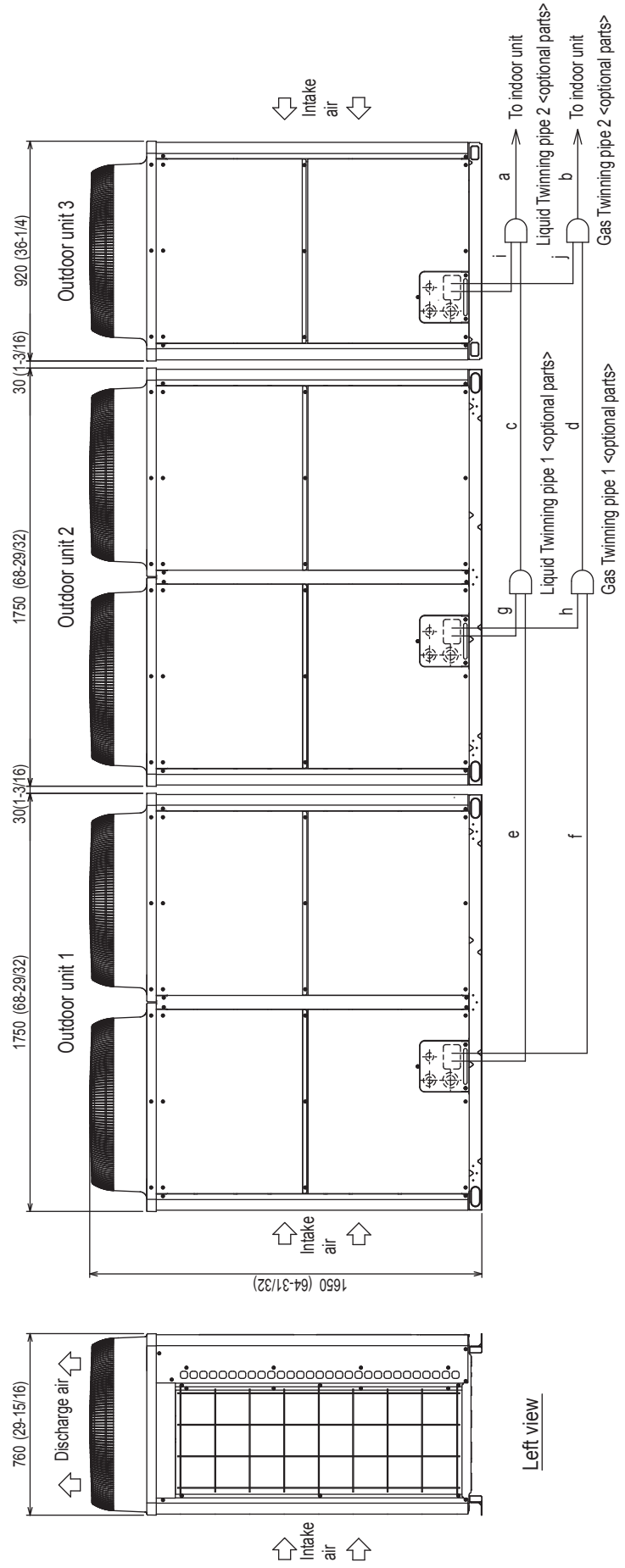
	Unit model	Liquid	Gas
Twinning pipe~Outdoor unit		c or e	d or f
	P120	ø12.7(1/2)	ø22.2(7/8)
	P144	ø12.7(1/2)	ø28.58(1-1/8)

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

Y

PUHY-P312TSJMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

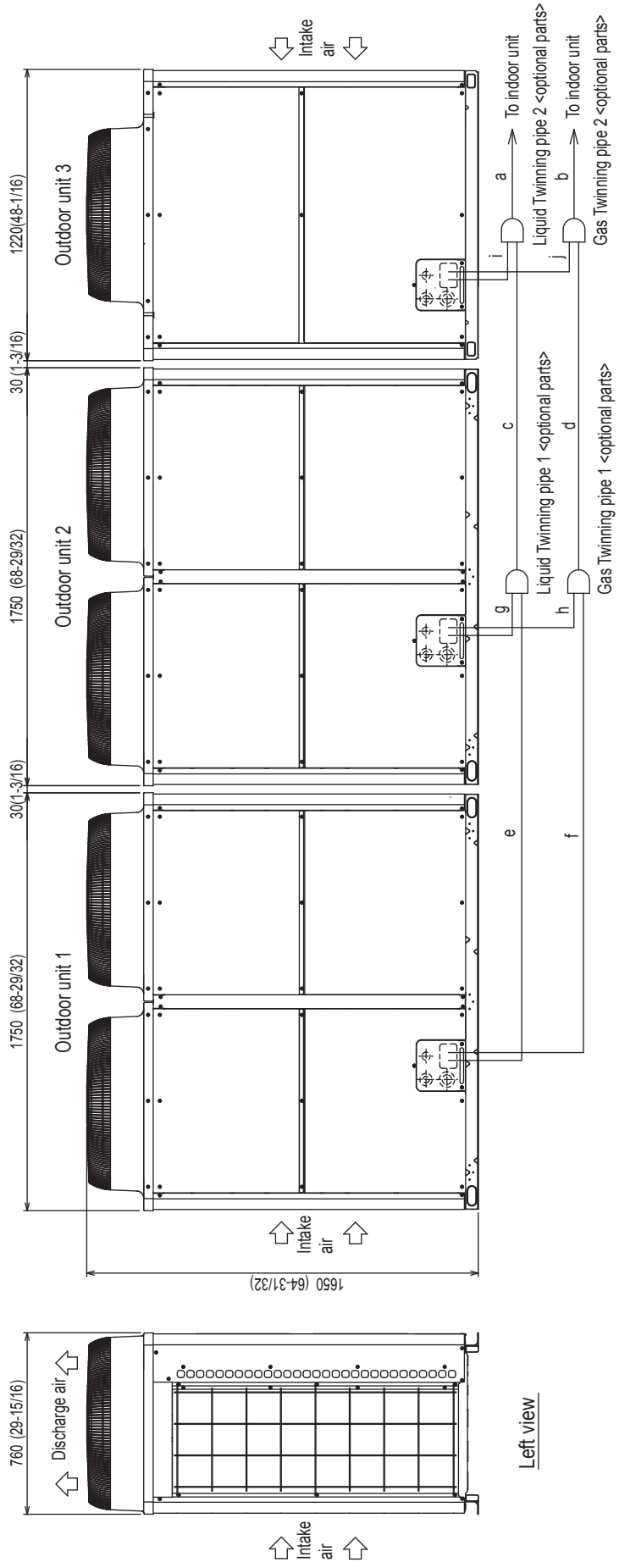
Package unit name			PUHY-P312TSJMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120TJMU-A(-BS)
	Outdoor unit 2		PUHY-P120TJMU-A(-BS)
	Outdoor unit 3		PUHY-P72TJMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300VBK2
Indoor unit~Twinning pipe 2	Liquid	a	ø19.05(3/4)
	Gas	b	ø34.93(1-3/8)
Twinning pipe 1~Twinning pipe 2	Liquid	c	ø19.05(3/4)
	Gas	d	ø34.93(1-3/8)

	Unit model	Liquid	Gas
Twinning pipe~Outdoor unit		e or g or i	f or h or j
	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", "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).

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

Unit : mm(in.)



Twinning pipe connection size

Package unit name			PUHY-P336TSJMU-A(-BS)	PUHY-P360TSJMU-A(-BS)
Component unit name	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)	

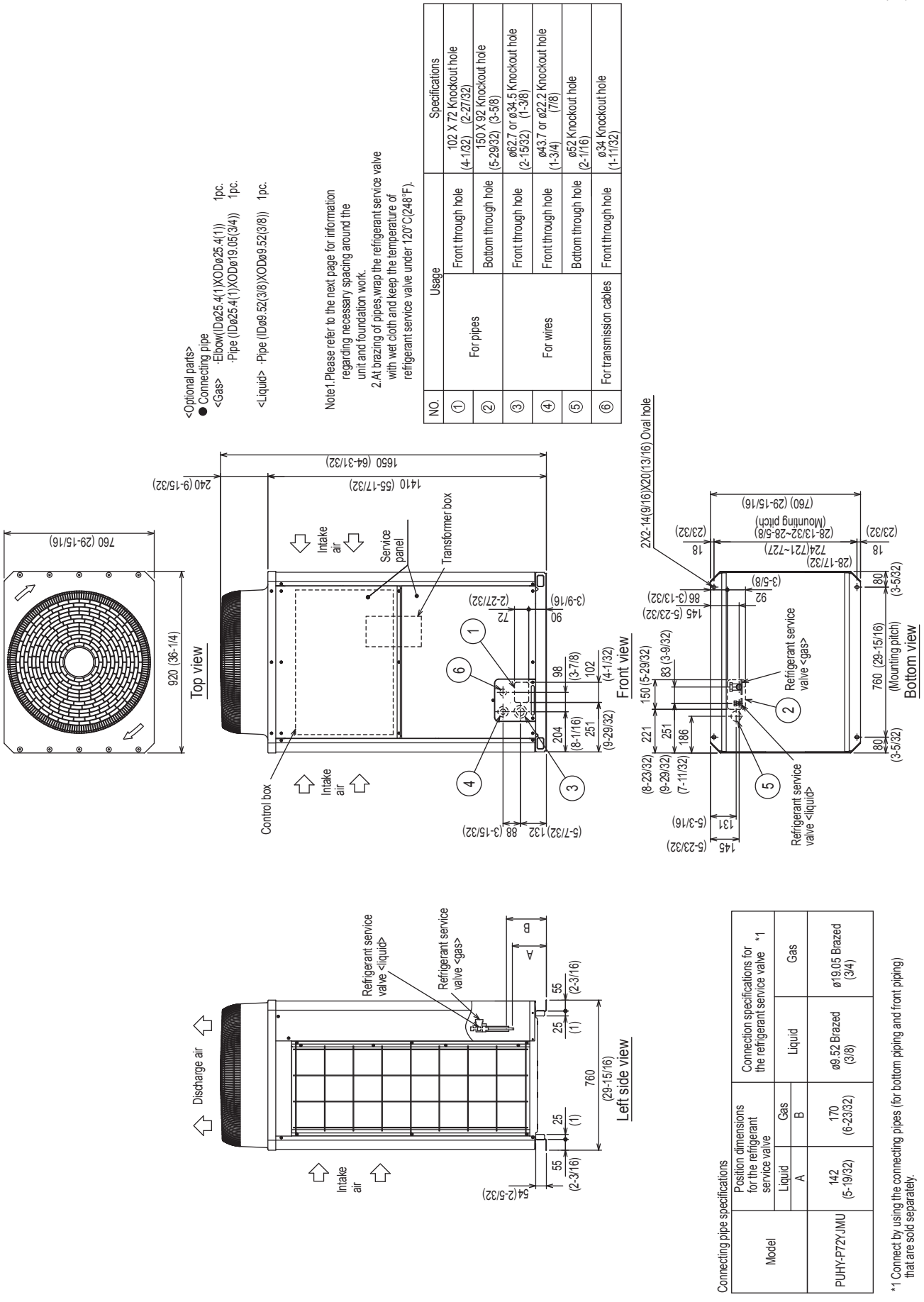
	Unit model	Liquid e or g or i	Gas f or h or j
Twinning pipe~Outdoor unit	P96	ø9.52(3/8)	ø22.2(7/8)
	P120	ø12.7(1/2)	ø22.2(7/8)
	P144	ø12.7(1/2)	ø28.58(1-1/8)

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

Y

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
- With a space of at least 100mm(3-15/16) to the wall on the back of the unit

● 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 1000mm or more as inlet space/ passage space for each six units.

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.

Y

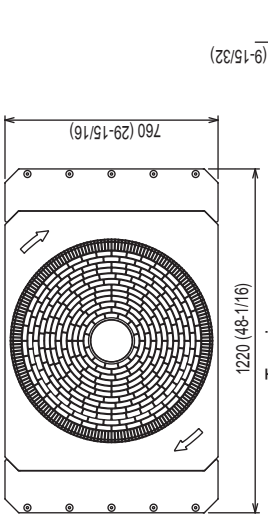
PUHY-P96YJMU-A(-BS)

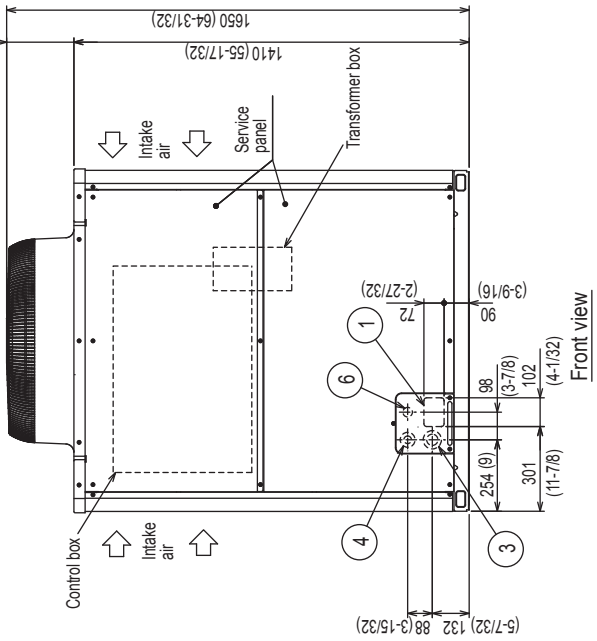
Unit : mm(in.)

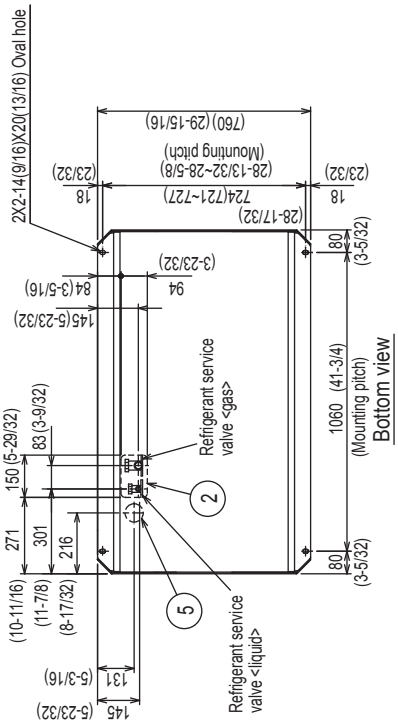
<Optional parts>
● Connecting pipe
<Gas> ·Elbow(ID⌀25.4(1)XOD⌀25.4(1)) 1pc.
·Pipe (ID⌀25.4(1)XOD⌀22.2(7/8)) 1pc.
<Liquid> ·Pipe (ID⌀9.52(3/8)XOD⌀9.52(3/8)) 1pc.
·Pipe (ID⌀9.52(3/8)XOD⌀12.7(1/2)) 1pc.

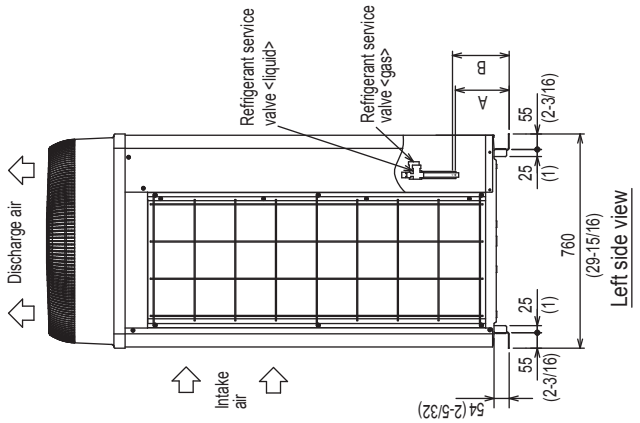
Note1.Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
2.At brazing of pipes,wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

NO.	Usage		Specifications
①	For pipes	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	For wires	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	Front through hole	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 A	Gas B	Liquid	Gas
PUHY-P96YJMU	158 (6-1/4)	172 (6-25/32)	ø9.52 Brazed (3/8) (ø12.7 Brazed) (1/2) *2	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 ≥ 90m(295ft)

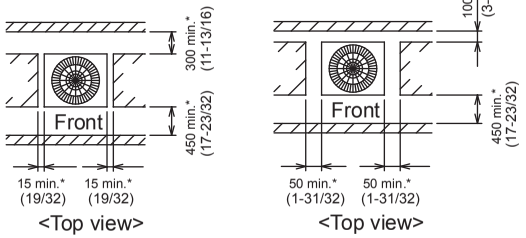
PUHY-P96YJMU-A(-BS)

1.Required space around the unit

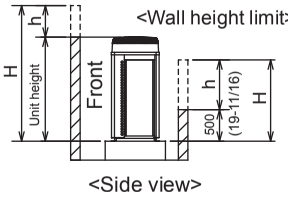
● In case of single installation

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
- With a space of at least 100mm(3-15/16) to the wall on the back of the unit



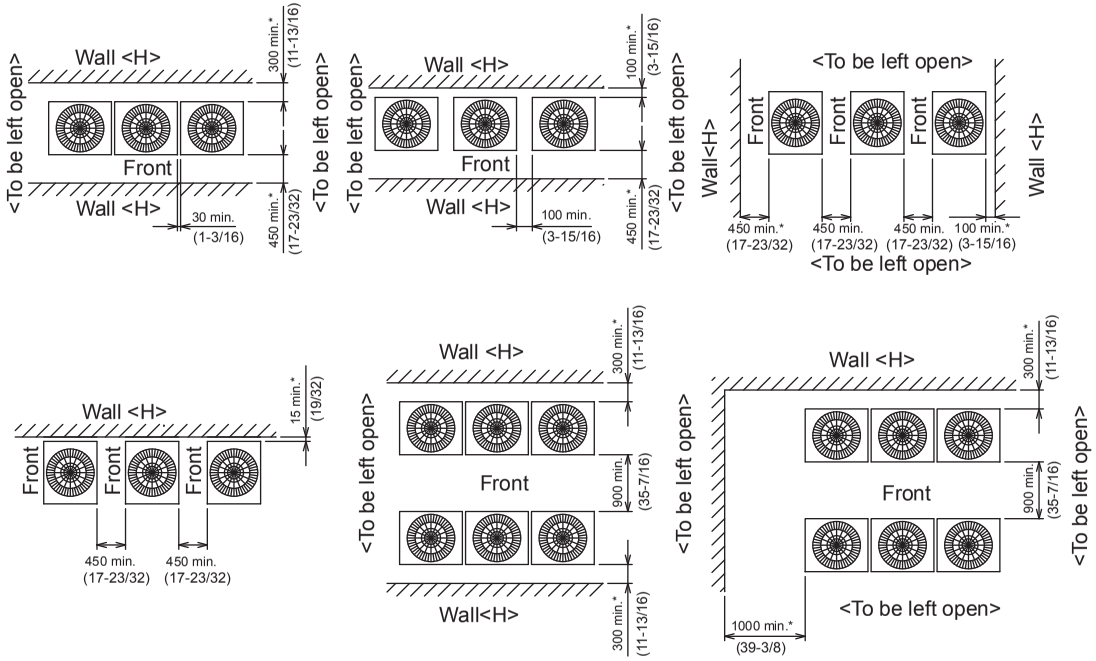
② When the height of the walls on the front,back or on the sides<H> exceeds the wall height limit as defined below add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.



<Wall height limit> Front:Up to the unit height
Back :Up to 500mm(19-11/16) from the unit bottom
Side :Up to the unit height

● 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 1000mm or more as inlet space/ passage space for each six units.



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.

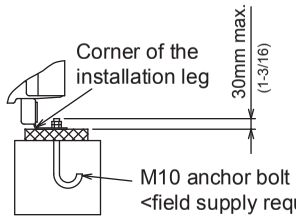


Fig.A

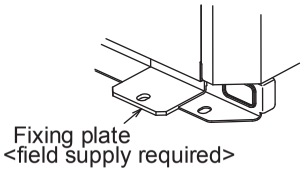


Fig.B

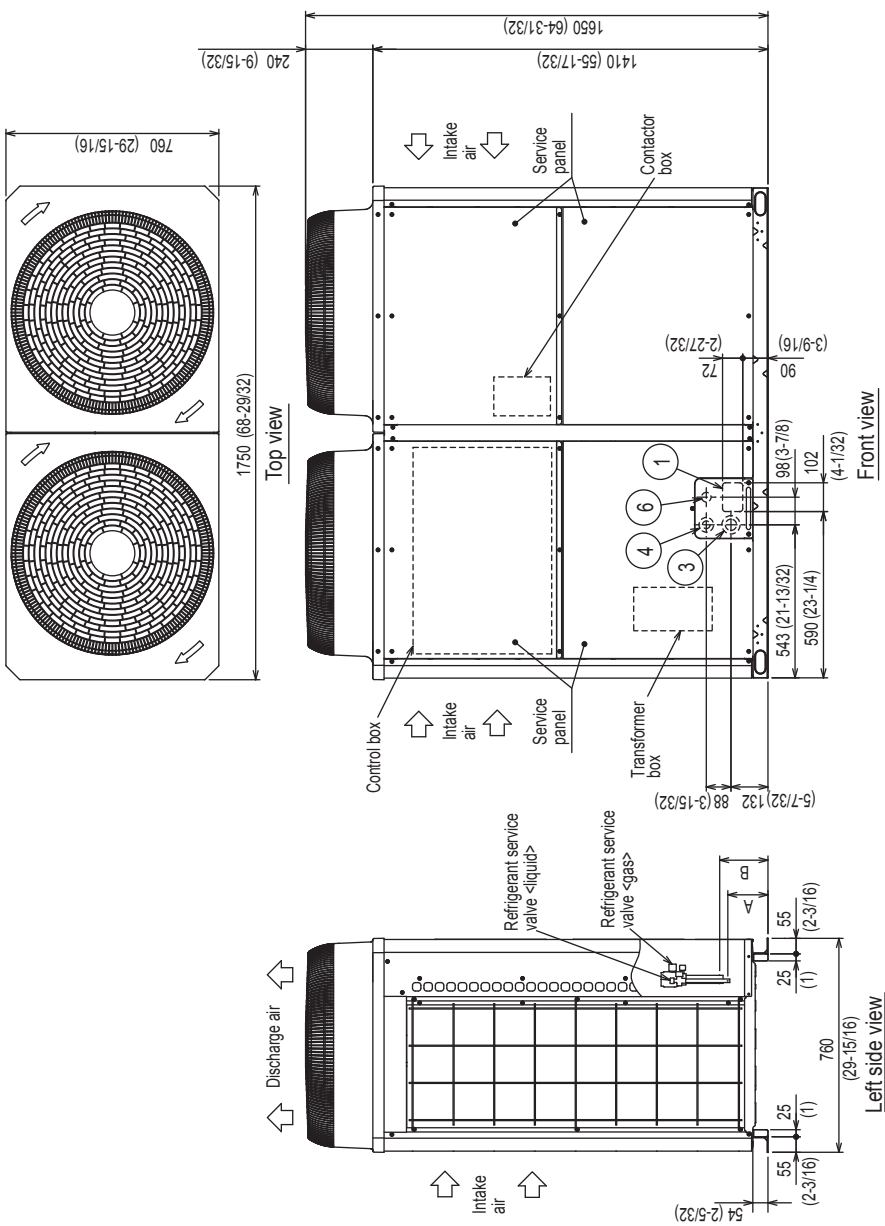
Unit : mm(in.)

2. EXTERNAL DIMENSIONS

Y

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

Unit : mm(in.)



<Optional parts>
● Connecting pipe
<Gas> · Elbow(ID⌀28.58(1-1/8)XOD⌀28.58(1-1/8))・・・P120,144 1pc.
· Pipe (ID⌀28.58(1-1/8)XOD⌀22.2(7/8))・・・・・・・・P120 1pc.
<Liquid> · Pipe (ID⌀12.7(1/2)XOD⌀9.52(3/8))・・・・・・・・・・P120 1pc.
· Pipe (ID⌀12.7(1/2)XOD⌀12.7(1/2))・・・・・・・・・・P120,144 1pc.

Note1.Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
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	For pipes	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	For wires	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	Front through hole	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 A	Gas B	Liquid	Gas
PUHY-P120YJMU	143 (5-21/32)	172 (6-25/32)	ø9.52 Brazed (3/8) (ø12.7 Brazed (1/2) *2*3	ø22.2 Brazed (7/8)
PUHY-P144YJMU			ø12.7 Brazed (1/2)	ø28.58 Brazed (1-1/8)

*1 Connect by using the connecting pipes (for bottom piping and front piping) that are sold separately.
*2 Indicates dimensions and connection specifications in the case the unit is used in combination with other outdoor units.
*3 Total length≦40m(131ft)

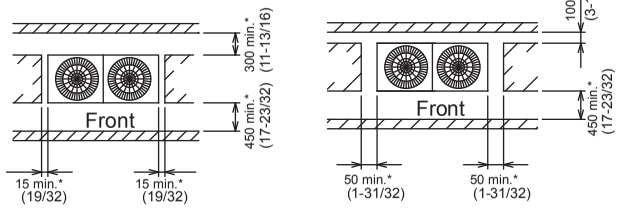
PUHY-P120,144YJMU-A(-BS)

1.Required space around the unit

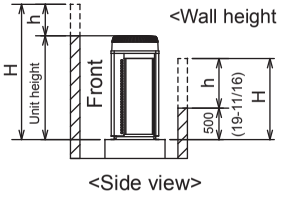
● In case of single installation

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
- With a space of at least 100mm(3-15/16) to the wall on the back of the unit



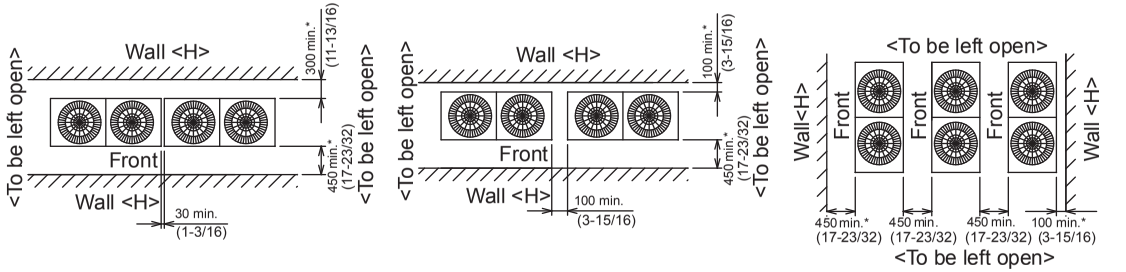
② When the height of the walls on the front,back or on the sides<H> exceeds the wall height limit as defined below add the height that exceeds the height limit <h> to the figures that are marked with an asterisk.

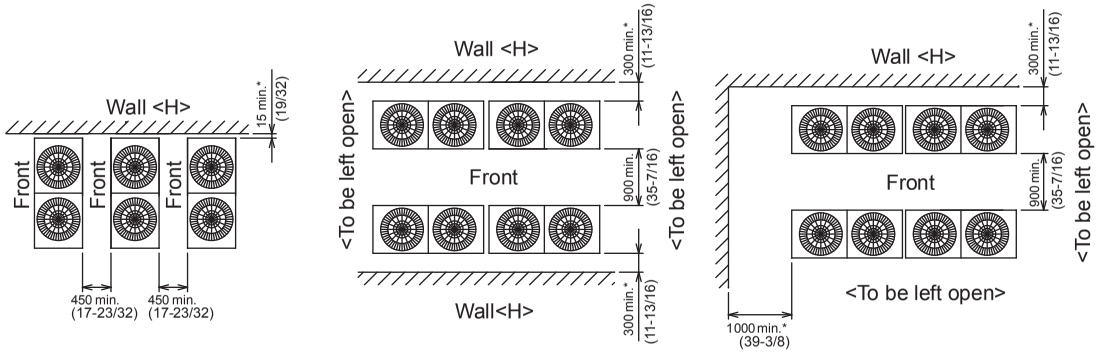


<Wall height limit> Front:Up to the unit height
Back :Up to 500mm(19-11/16) from the unit bottom
Side :Up to the unit height

● 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 1000mm or more as inlet space/ passage space for each three units.





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.

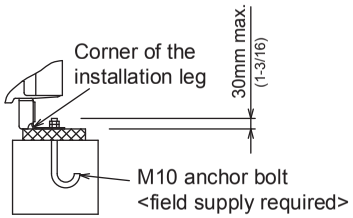


Fig.A

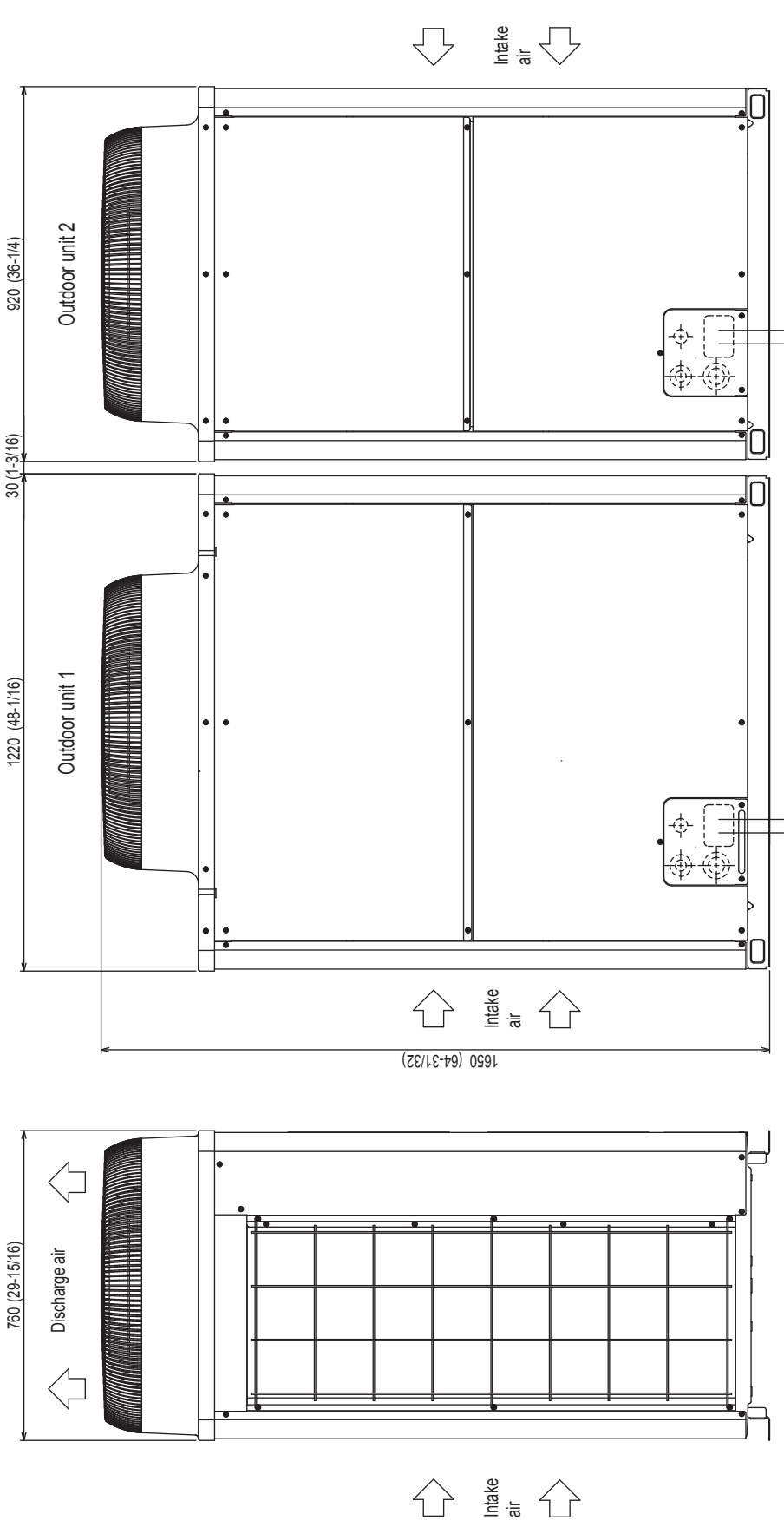
Fig.B

Unit : mm(in.)

Y

PUHY-P168YSJMU-A(-BS)

Unit : mm(in.)



Twinning pipe~Outdoor unit	Unit model	Liquid	Gas
		c or e	d or f
	P72	ø9.52(3/8)	ø19.05(3/4)
	P96	ø9.52(3/8)	ø22.2(7/8)

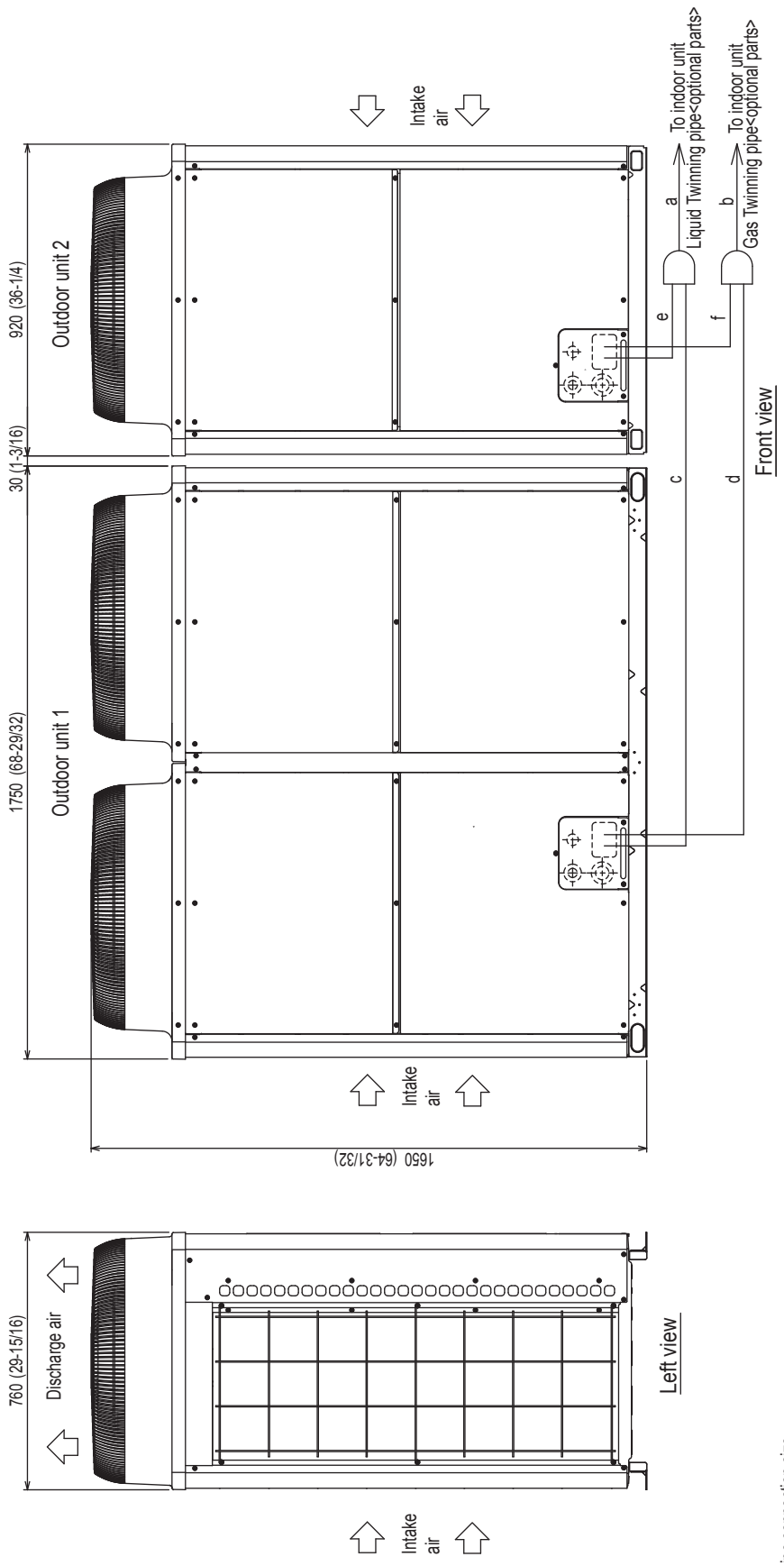
Twinning pipe connection size

Package unit name			PUHY-P168YSJMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P96YJMU-A(-BS)
	Outdoor unit 2		PUHY-P72YJMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100VBK2
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).

PUHY-P192YSJMU-A(-BS)

Unit : mm(in.)



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

Twinning pipe connection size

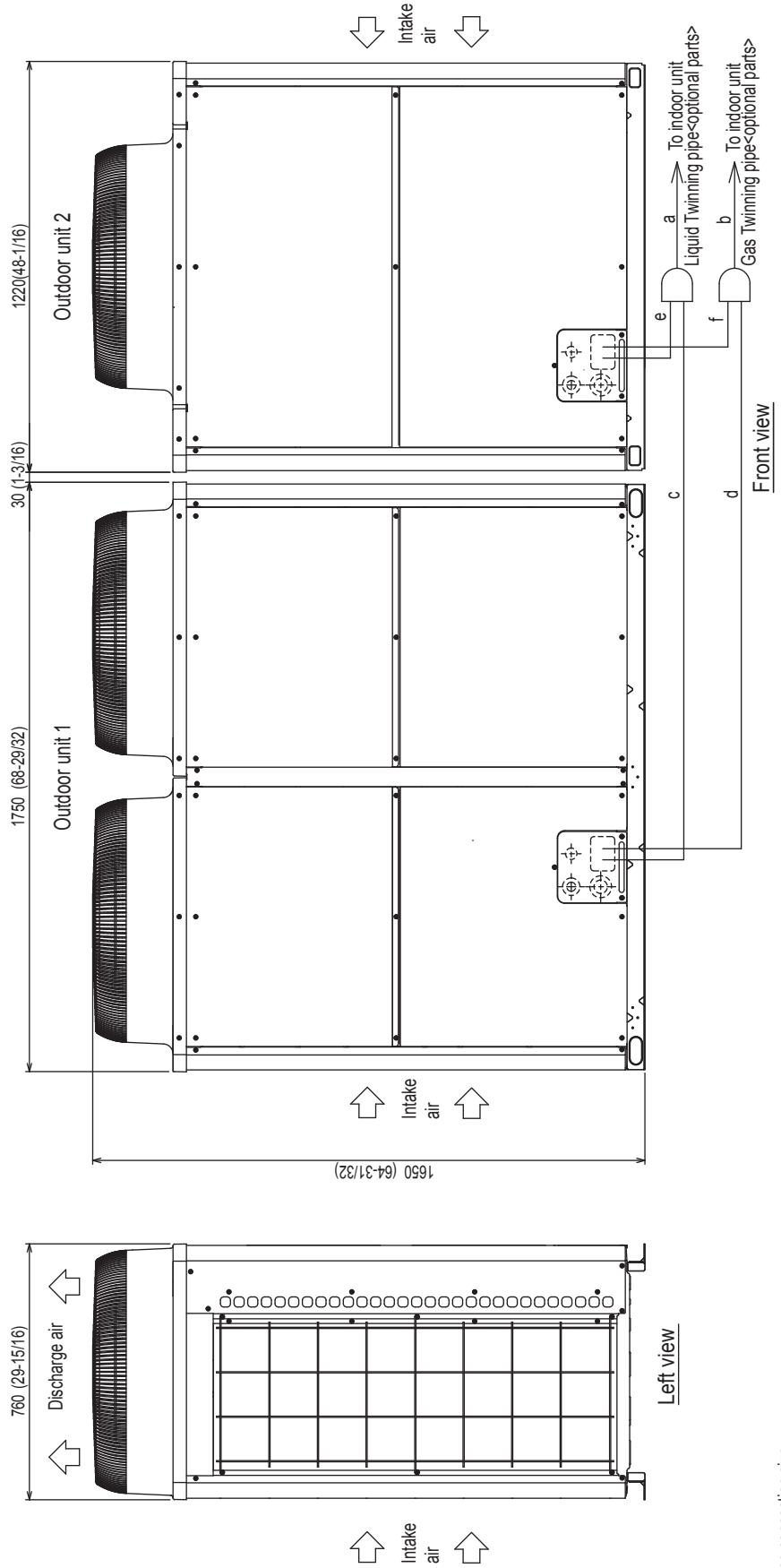
Package unit name			PUHY-P192YSJMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120YJMU-A(-BS)
	Outdoor unit 2		PUHY-P72YJMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100VBK2
Indoor unit~Twinning pipe	Liquid	a	ø15.88(5/8)
	Gas	b	ø28.58(1-1/8)

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).

Y

PUHY-P216YSJMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

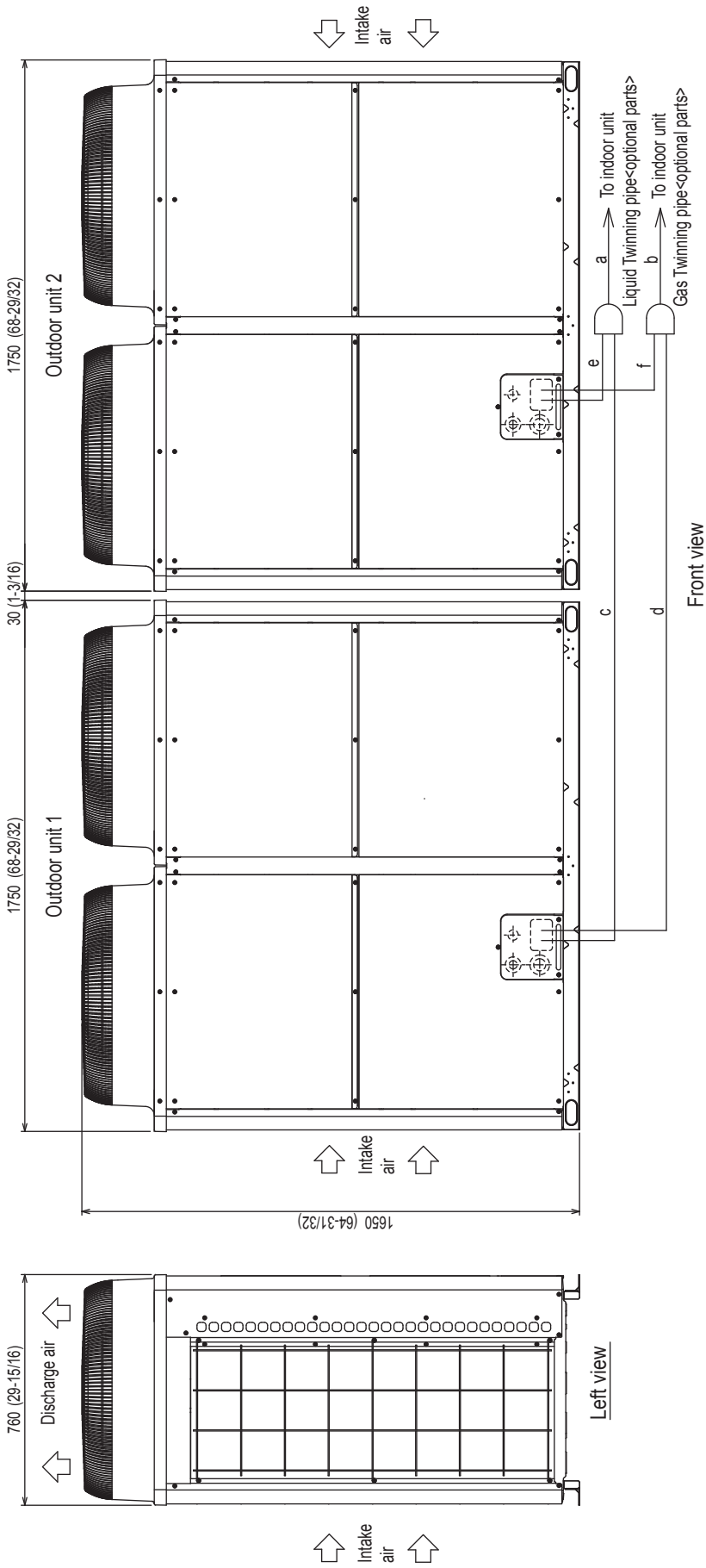
Package unit name			PUHY-P216YSJMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120YJMU-A(-BS)
	Outdoor unit 2		PUHY-P96YJMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100VBK2
Indoor unit~Twinning pipe	Liquid	a	ø15.88(5/8)
	Gas	b	ø28.58(1-1/8)

Twinning pipe~Outdoor unit	Unit model	Liquid	Gas
		c or e	d or f
	P96	ø9.52(3/8)	ø22.2(7/8)
	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).

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)
Component unit name	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	
Indoor unit~Twinning pipe	Liquid	a	ø15.88(5/8)	ø19.05(3/4)	
	Gas	b	ø28.58(1-1/8)	ø34.93(1-3/8)	

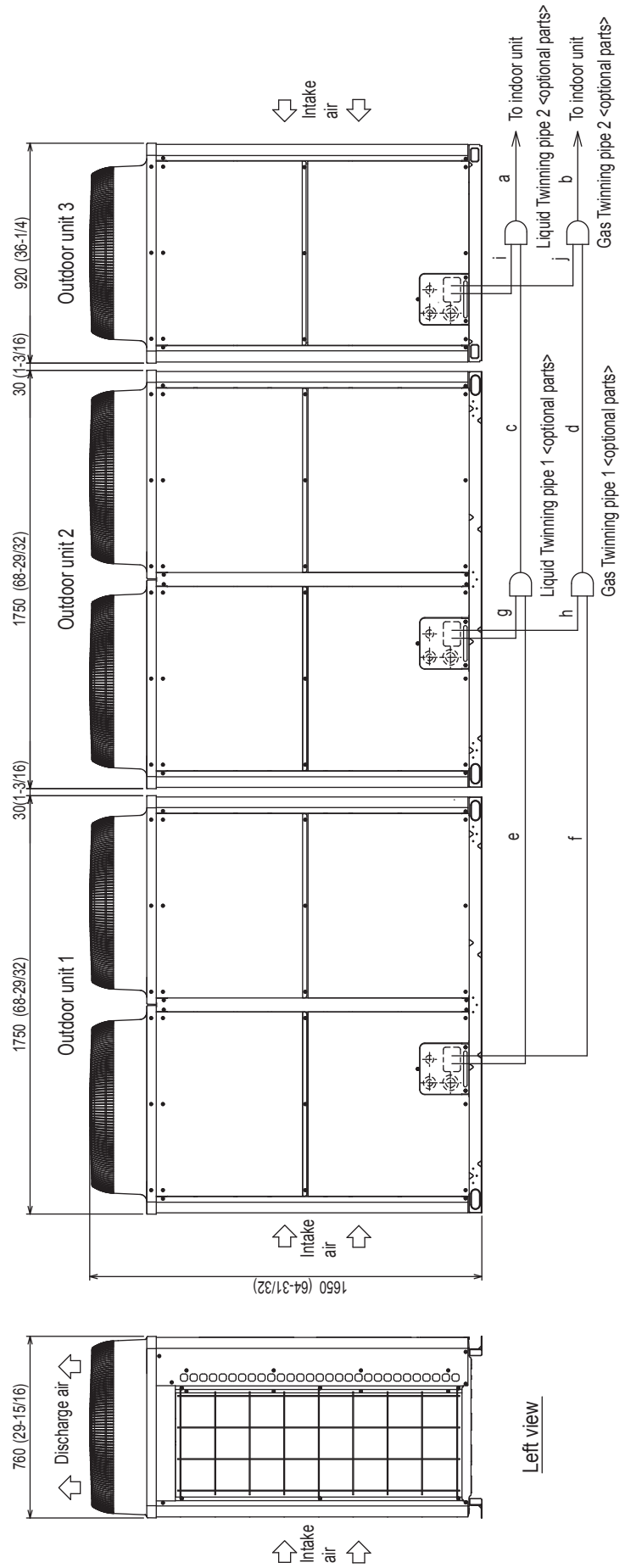
	Unit model	Liquid	Gas
		c or e	d or f
Twinning pipe~Outdoor unit	P120	ø12.7(1/2)	ø22.2(7/8)
	P144	ø12.7(1/2)	ø28.58(1-1/8)

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

Y

PUHY-P312YSJMU-A(-BS)

Unit : mm(in.)



Left view

Front view

Twinning pipe connection size

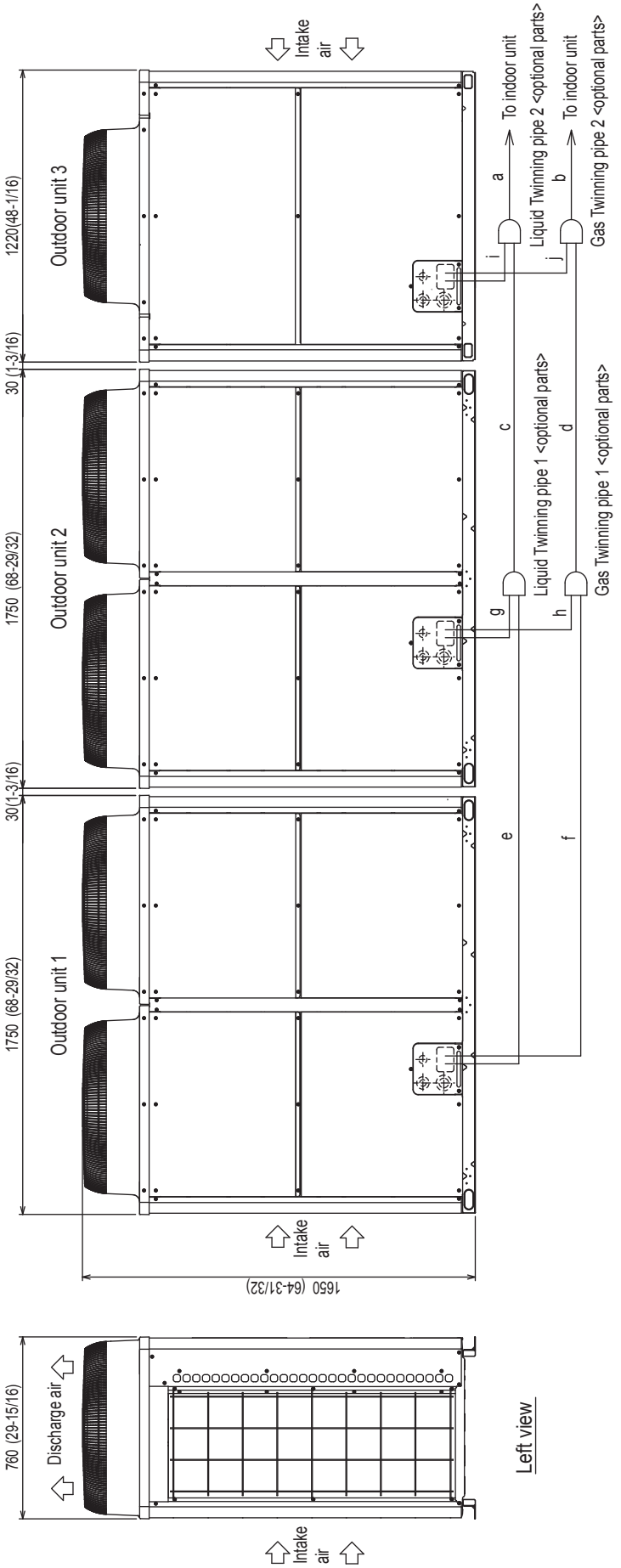
Package unit name			PUHY-P312YSJMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120YJMU-A(-BS)
	Outdoor unit 2		PUHY-P120YJMU-A(-BS)
	Outdoor unit 3		PUHY-P72YJMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300VBK2
Indoor unit~Twinning pipe 2	Liquid	a	ø19.05(3/4)
	Gas	b	ø34.93(1-3/8)
Twinning pipe 1~Twinning pipe 2	Liquid	c	ø19.05(3/4)
	Gas	d	ø34.93(1-3/8)

	Unit model	Liquid	Gas
Twinning pipe~Outdoor unit	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", "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).

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

Unit : mm(in.)



Twinning pipe connection size

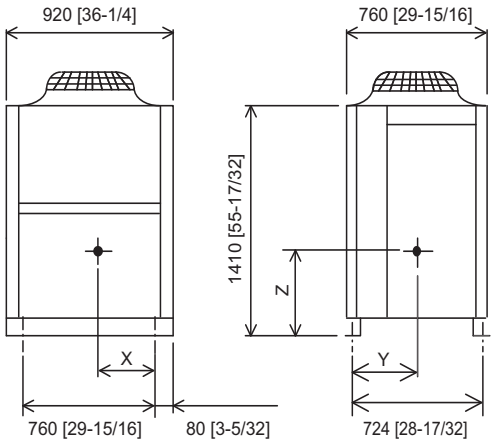
Package unit name			PUHY-P336YSJMU-A(-BS)	PUHY-P360YSJMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120YJMU-A(-BS)	PUHY-P144YJMU-A(-BS)
	Outdoor unit 2		PUHY-P120YJMU-A(-BS)	PUHY-P120YJMU-A(-BS)
	Outdoor unit 3		PUHY-P96YJMU-A(-BS)	PUHY-P96YJMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300VBK2	
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
Twinning pipe~Outdoor unit		e or g or i	f or h or j
	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.
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).

Y

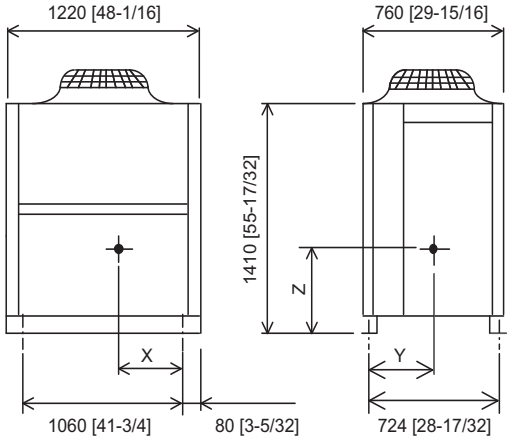
PUHY-P72TJMU-A (-BS)
PUHY-P72YJMU-A (-BS)



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]

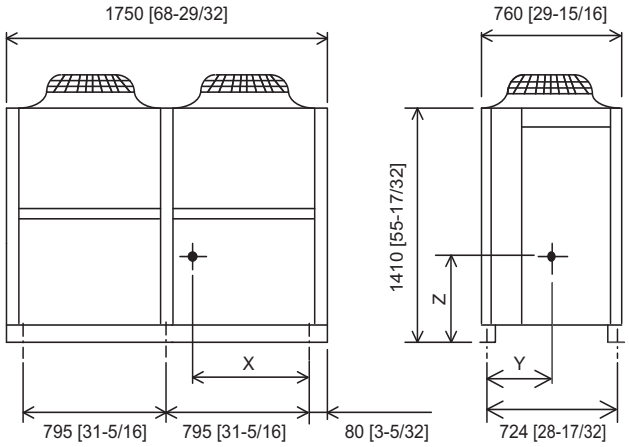
PUHY-P96TJMU-A (-BS)
PUHY-P96YJMU-A (-BS)



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]

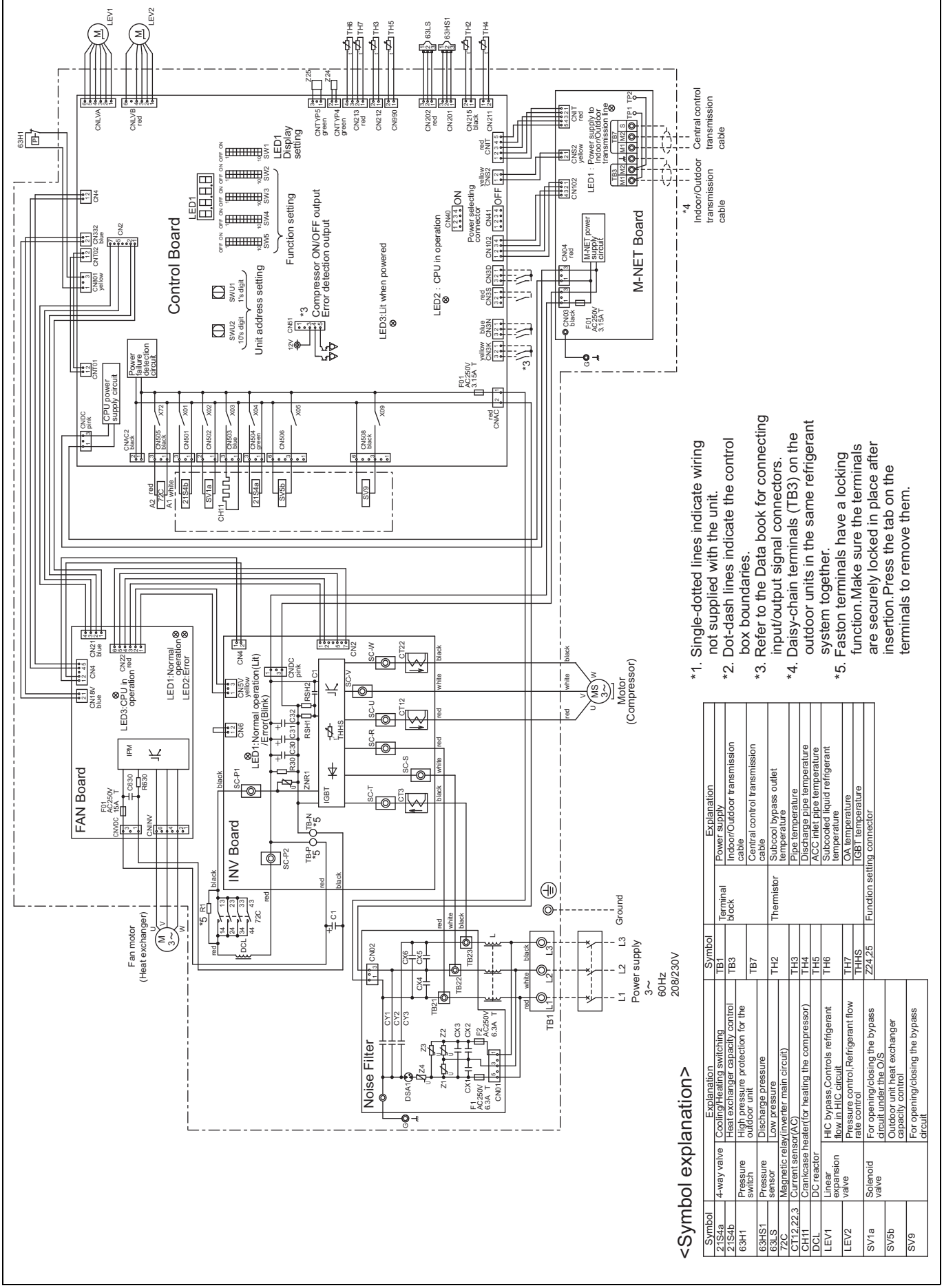
PUHY-P120, 144TJMU-A (-BS)
PUHY-P120, 144YJMU-A (-BS)



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]

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.

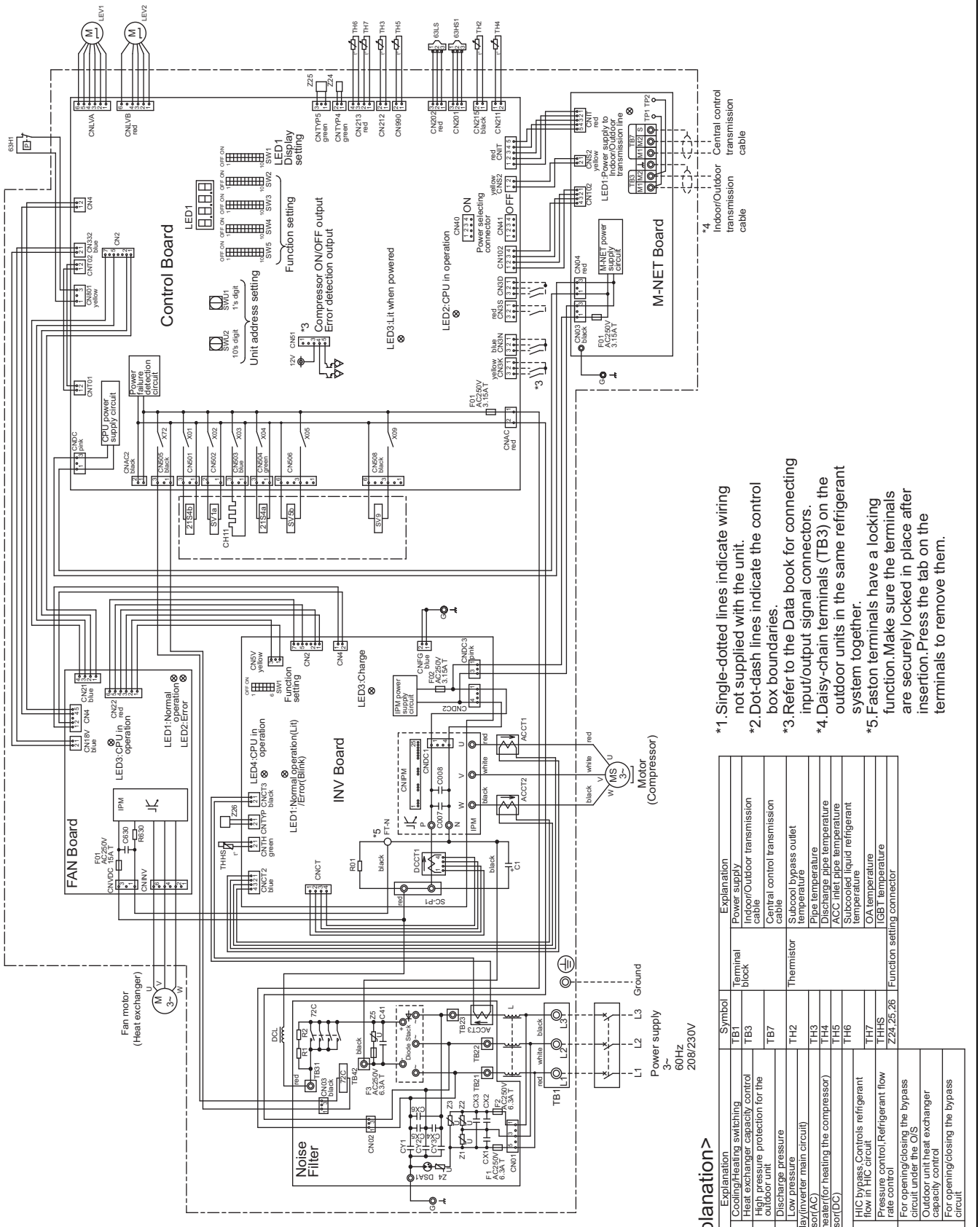
<Symbol explanation>

Symbol		Explanation
21S4a	4-way valve	Cooling/Heating switching
21S4b		Heat exchanger capacity control
63H1	Pressure switch	High pressure protection for the outdoor unit
63HS1	Pressure sensor	Discharge pressure
63LS		Low pressure
72C	Magnetic relay	(Inverter main circuit)
CT12,22,3	Current sensor	(AC)
CH11	Crankcase heater	(for heating the compressor)
DCL	DC reactor	
LEV1	Linear expansion valve	HIC bypass,Controls refrigerant flow in HIC circuit
LEV2		Pressure control,Refrigerant flow rate control
SV1a	Solenoid valve	For opening/closing the bypass circuit under the O/S
SV5b		Outdoor unit heat exchanger capacity control
SV9		For opening/closing the bypass circuit

Symbol		Explanation
TB1	Terminal block	Power supply
TB3		Indoor/Outdoor transmission cable
TB7		Central control transmission cable
TH2	Thermistor	Subcool bypass outlet temperature
TH3		Pipe temperature
TH4		Discharge pipe temperature
TH5		ACC inlet pipe temperature
TH6		Subcooled liquid refrigerant temperature
TH7		OA temperature
THHS		IGBT temperature
Z24,25	Function setting connector	

Y

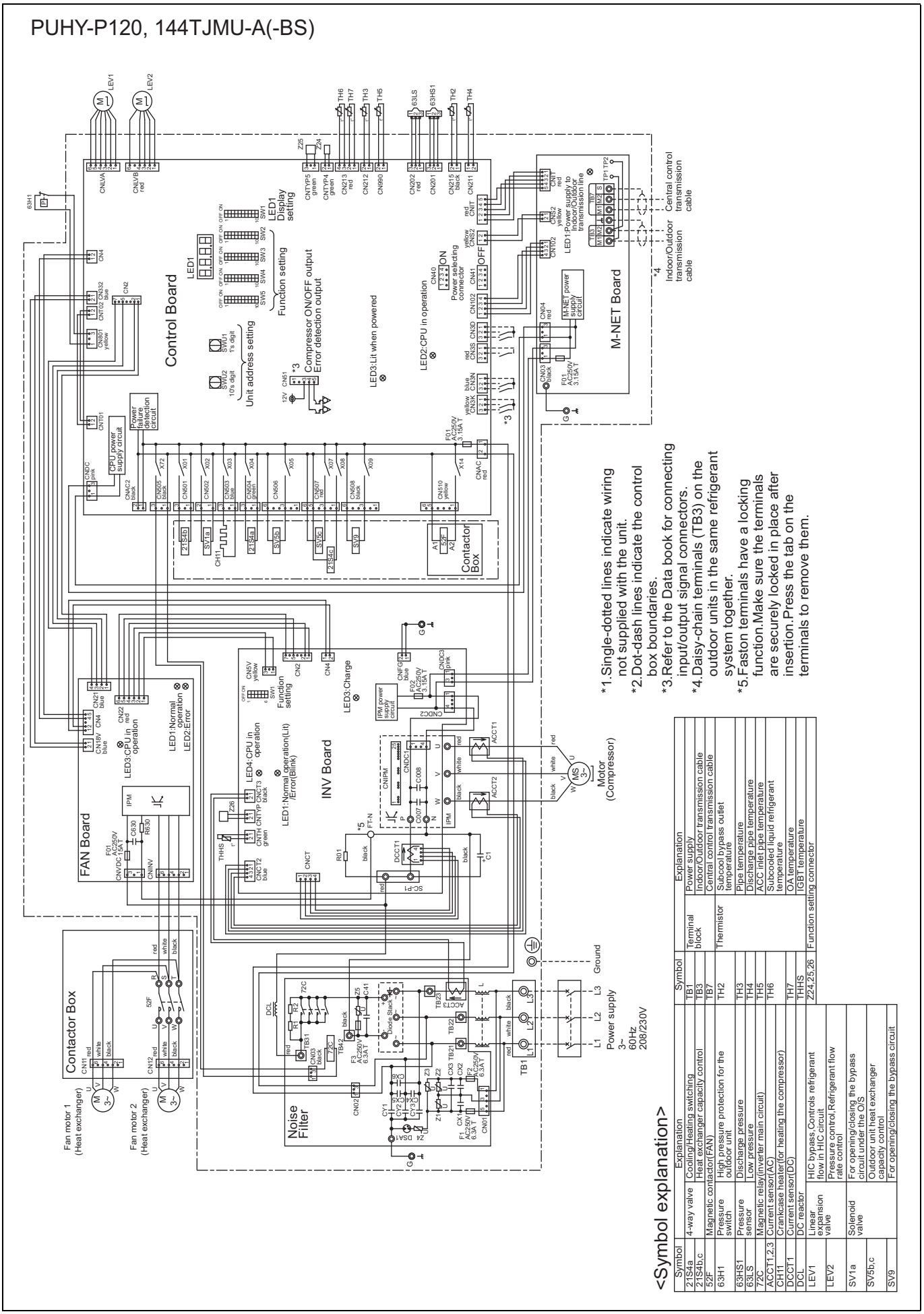
PUHY-P96TJMU-A(-BS)



<Symbol explanation>

Symbol		Explanation
21S4a	4-way valve	Cooling/Heating switching
21S4b		Heat exchanger capacity control
63H1	Pressure switch	High pressure protection for the outdoor unit
63HS1	Pressure sensor	Discharge pressure
63LS		Low pressure
72C	Magnetic relay(Inverter main circuit)	
ACCT1,2,3	Current sensor(AC)	
CH11	Crankcase heater(for heating the compressor)	
DCCT1	Current sensor(DC)	
DCL	DC reactor	
LEV1	Linear expansion valve	HIC bypass.Controls refrigerant flow in HIC circuit
LEV2		Pressure control.Refrigerant flow rate control
SV1a	Solenoid valve	For opening/closing the bypass circuit under the O/S
SV5b		Outdoor unit heat exchanger capacity control
SV9		For opening/closing the bypass circuit
TB1	Terminal block	Power supply
TB3		Indoor/Outdoor transmission cable
TB7		Central control transmission cable
TH2	Thermistor	Subcool bypass outlet temperature
TH3		Pipe temperature
TH4		Discharge pipe temperature
TH5		ACC inlet pipe temperature
TH6		Subcooled liquid refrigerant temperature
TH7		OA temperature
THHS		IGBT temperature
Z24,25,26	Function setting connector	

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

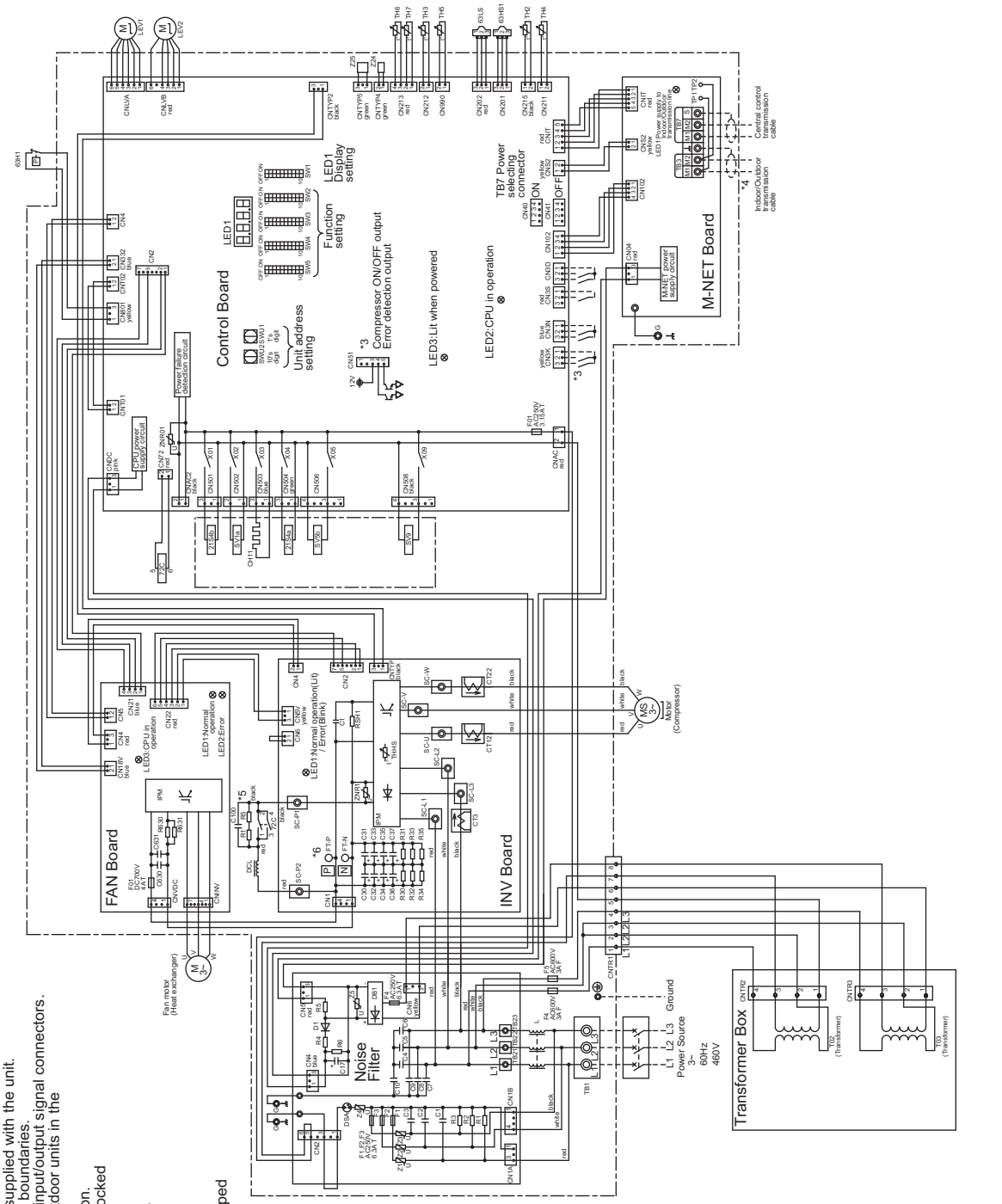


<Symbol explanation>

Symbol		Symbol		Explanation
21S4a	4-way valve	TB1	Terminal block	Power supply
21S4b,c	Heat exchanger capacity control	TB3		Indoor/Outdoor transmission cable
52F	Magnetic contactor(FAN)	TB7		Central control transmission cable
63H1	Pressure switch	TH2	Thermistor	Subcool bypass outlet temperature
63HS1	Pressure sensor	TH3		Pipe temperature
63LS	Low pressure	TH4		Discharge pipe temperature
72C	Magnetic relay(inverter main circuit)	TH5		ACC inlet pipe temperature
ACCT1,2,3	Current sensor(AC)	TH6		Subcooled liquid refrigerant temperature
CH11	Crankcase heater(for heating the compressor)	TH7		OA temperature
DCCT1	Current sensor(DC)	THHS		IGBT temperature
DCL	DC reactor	Z24,25,26		Function setting connector
LEV1	Linear expansion valve	HIC bypass,Controls refrigerant flow in HIC circuit		
LEV2		Pressure control,Refrigerant flow rate control		
SV1a	Solenoid valve	For opening/closing the bypass circuit under the O/S		
SV5b,c		Outdoor unit heat exchanger capacity control		
SV9		For opening/closing the bypass circuit		

Y

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

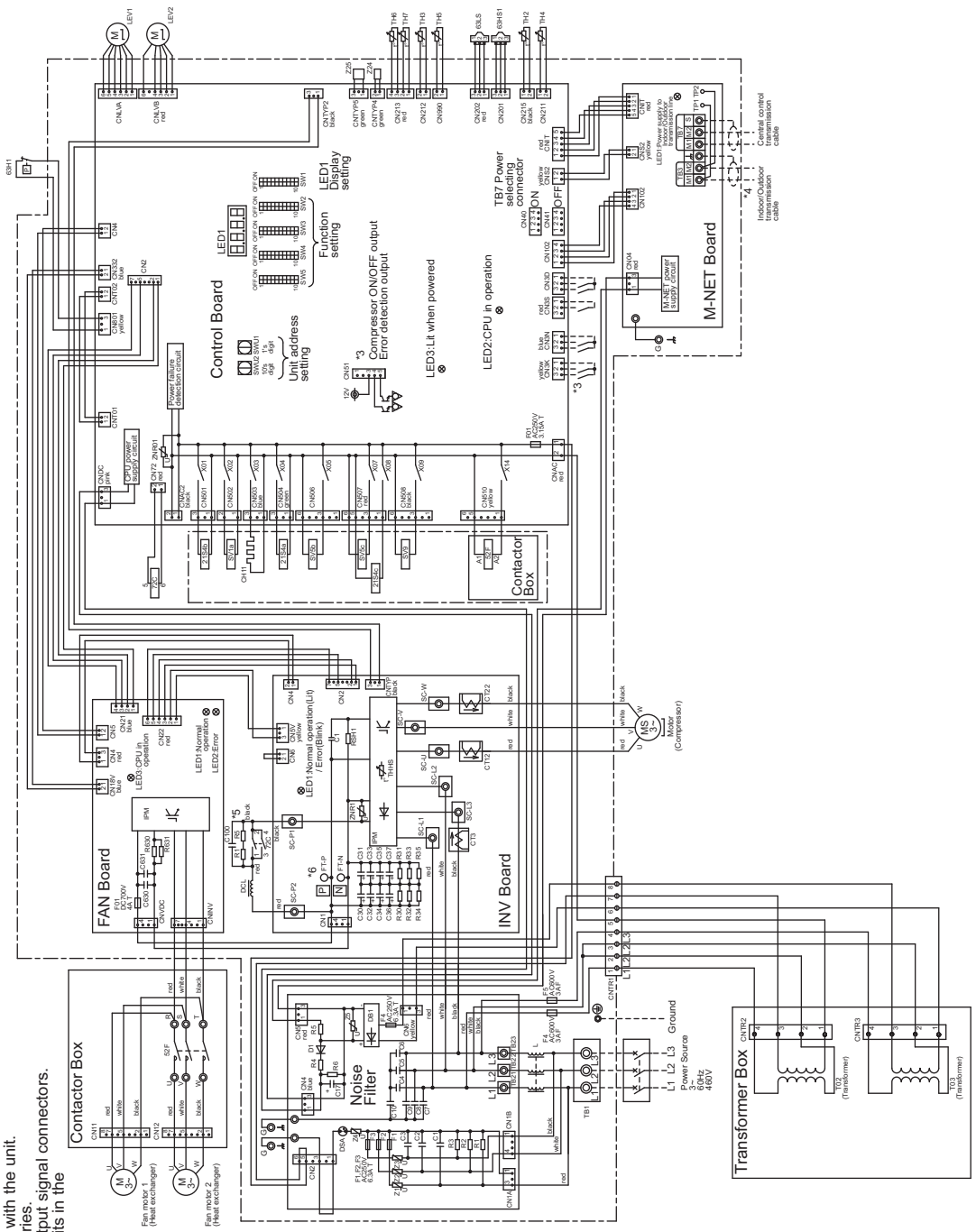


*1. Single-dotted lines indicate wiring not supplied with the unit.
*2. Dot-dash lines indicate the control box boundaries.
*3. Refer to the Data book for connecting input/output signal connectors.
*4. Daisy-chain terminals (TB3) on the outdoor units in the same refrigerant system together.
*5. Faston 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
21S4a	4-way valve	Cooling/Heating switching
21S4b		Heat exchanger capacity control
63H1	Pressure switch	High pressure protection for the outdoor unit
63HS1	Pressure sensor	Discharge pressure
63LS		Low pressure
72C	Magnetic relay	(inverter main circuit)
CT1,22,23	Current sensor	(AC)
CH11	Crankcase heater	(for heating the compressor)
DCL	DC reactor	
LEV1	Linear expansion valve	HIC bypass,Controls refrigerant flow in HIC circuit
LEV2		Pressure control,Refrigerant flow rate control
SV1a	Solenoid valve	For opening/closing the bypass circuit under the OS
SV5b		Outdoor unit heat exchanger capacity control
SV9		For opening/closing the bypass circuit
TB1	Terminal block	Power supply
TB3		Indoor/Outdoor transmission cable
TB7		Central control transmission cable
TH2	Thermistor	Subcool bypass outlet temperature
TH3		Pipe temperature
TH4		Discharge pipe temperature
TH5		Accumulator pipe temperature
TH6		Subcooled liquid refrigerant temperature
TH7		OA temperature
THHS		IGBT temperature
Z24,25		Function setting connector

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



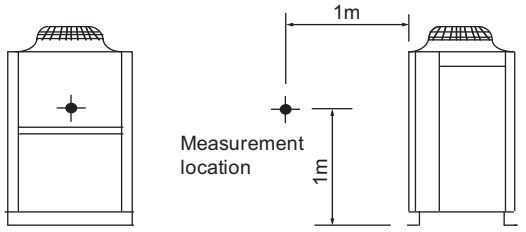
*1.Single-dotted lines indicate wiring not supplied with the unit.
*2.Dot-dash lines indicate the control box boundaries.
*3.Refer to the Data book for connecting input/output signal connectors.
*4.Daisy-chain terminals (TB3) on the outdoor units in the same refrigerant system together.
*5.Faston terminals 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>

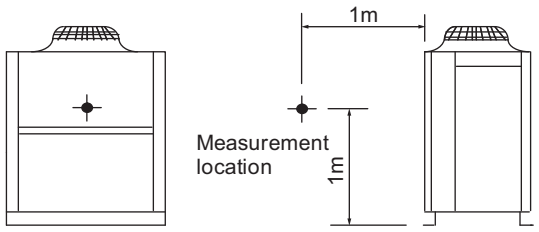
Symbol		Explanation	
21S4a	4-way valve	Cooling/Heating switching	
21S4b,c		Heat exchanger capacity control	
52F	Magnetic contactor(FAN)		
63H1	Pressure switch	High pressure protection for the outdoor unit	
63HS1	Pressure sensor	Discharge pressure	
63LS		Low pressure	
72C	Magnetic relay(inverter main circuit)		
CT12,22,3	Current sensor(AC)		
CH11	Crankcase heater(for heating the compressor)		
DCL	DC reactor		
LEV1	Linear expansion valve	HIC bypass,Controls refrigerant flow in HIC circuit	
LEV2		Pressure control,Refrigerant flow rate control	
SV1a	Solenoid valve	For opening/closing the bypass circuit under the O/S	
SV5b,c		Outdoor unit heat exchanger capacity control	
SV9		For opening/closing the bypass circuit	
TB1	Terminal block	Power supply	
TB3		Indoor/Outdoor transmission cable	
TB7		Central control transmission cable	
TH2	Thermistor	Subcool bypass outlet temperature	
TH3		Pipe temperature	
TH4		Discharge pipe temperature	
TH5		ACC inlet pipe temperature	
TH6		Subcooled liquid refrigerant temperature	
TH7		OA temperature	
THHS		IGBT temperature	
Z24,25	Function setting connector		

Y

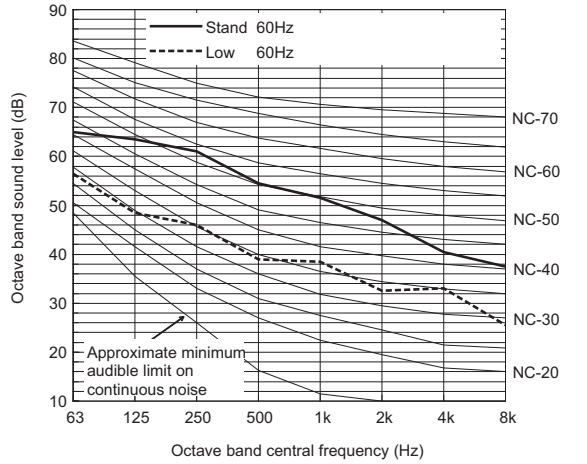
Measurement condition
PUHY-P72TJMU/YJMU



Measurement condition
PUHY-P96TJMU/YJMU



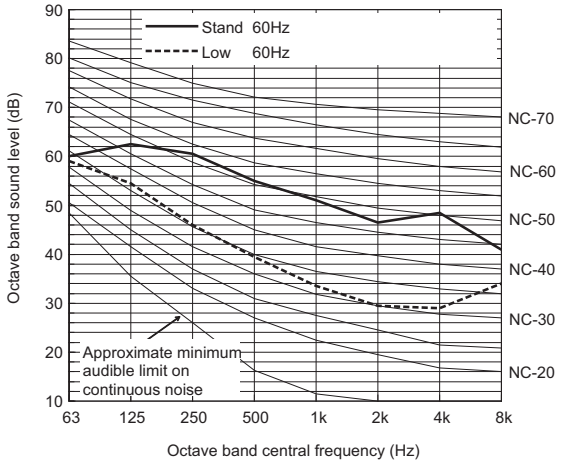
Sound level of PUHY-P72T/YJMU-A(-BS)



		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.

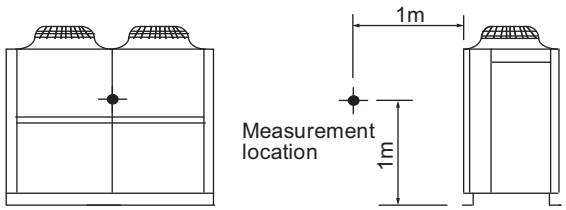
Sound level of PUHY-P96T/YJMU-A(-BS)



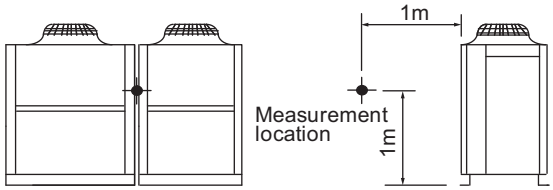
		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	60.0	62.5	60.5	55.0	51.0	46.5	48.5	41.0	58.0
Low noise mode	60Hz	59.0	54.5	46.0	39.5	33.5	29.5	29.0	34.0	44.0

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.

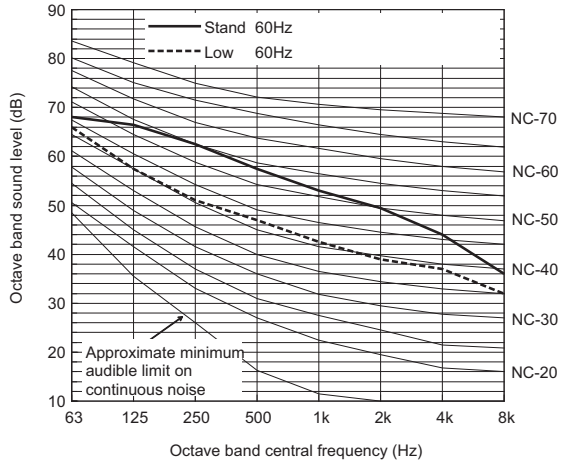
Measurement condition
PUHY-P120,144TJMU/YJMU



Measurement condition
PUHY-P168TSJMU/YSJMU



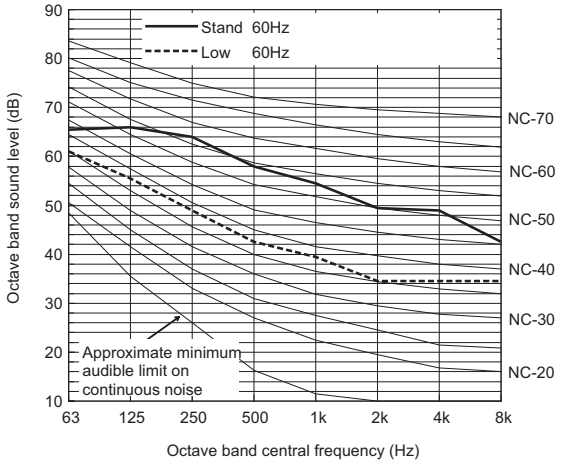
Sound level of PUHY-P120T/YJMU-A(-BS)



		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.

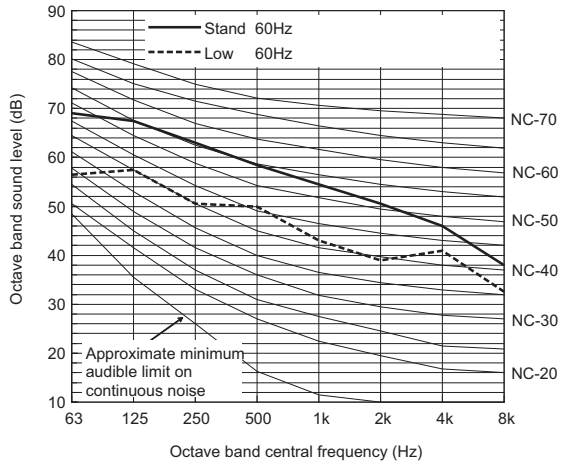
Sound level of PUHY-P168T/YSJMU-A(-BS)



		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)

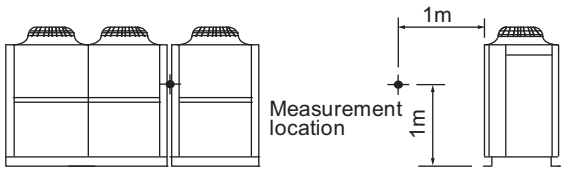


		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	69.0	67.5	63.0	58.5	54.5	50.5	46.0	38.0	61.0
Low noise mode	60Hz	56.5	57.5	50.5	50.0	43.0	39.0	41.0	32.5	51.0

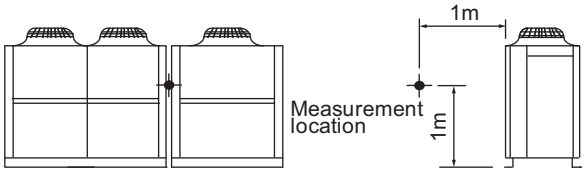
When Low noise mode is set,the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

Y

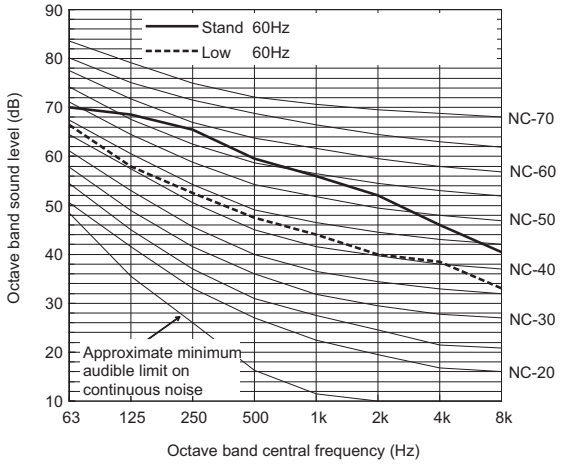
Measurement condition
PUHY-P192TSJMU/YSJMU



Measurement condition
PUHY-P216TSJMU/YSJMU



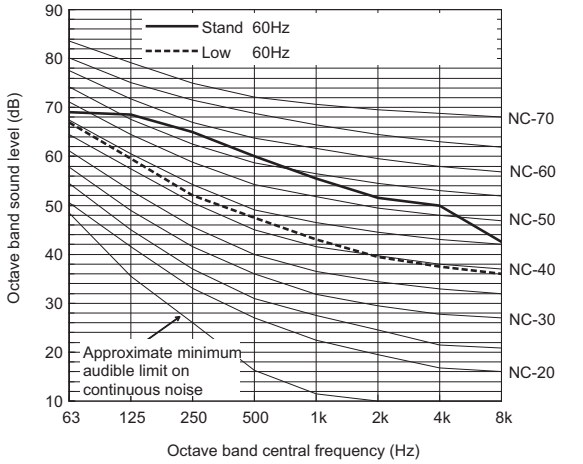
Sound level of PUHY-P192T/YSJMU-A(-BS)



		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.

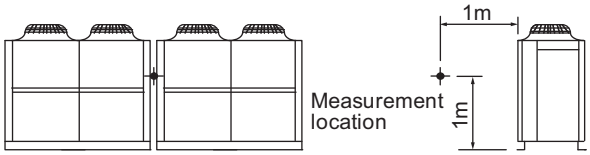
Sound level of PUHY-P216T/YSJMU-A(-BS)



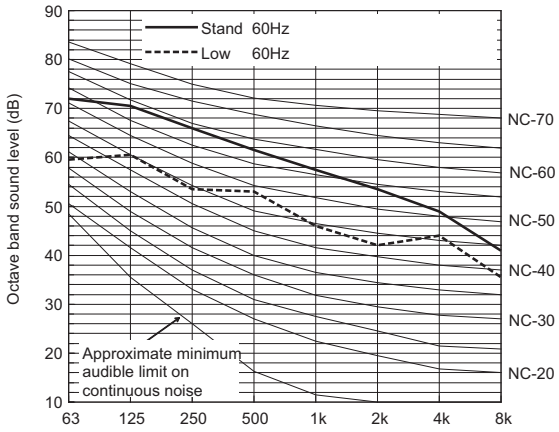
		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	69.0	68.5	65.0	60.0	55.5	51.5	50.0	42.5	62.5
Low noise mode	60Hz	67.0	59.5	52.0	47.5	43.0	39.5	37.5	36.0	51.0

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.

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



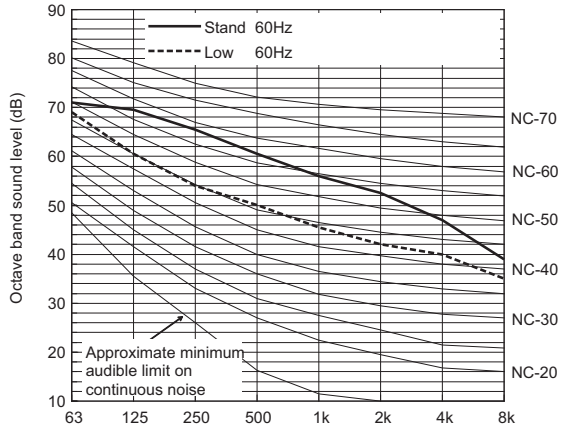
Sound level of PUHY-P288T/YSJMU-A(-BS)



		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.

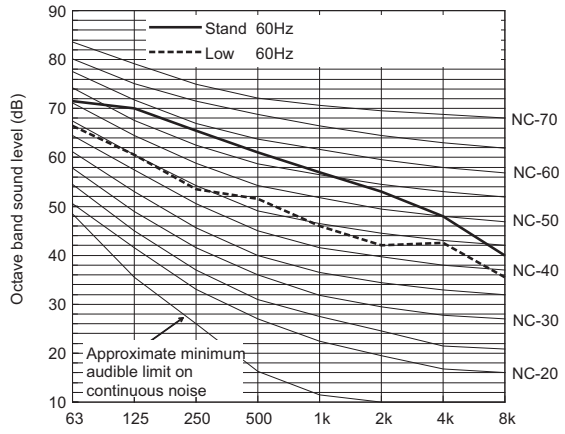
Sound level of PUHY-P240T/YSJMU-A(-BS)



		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)

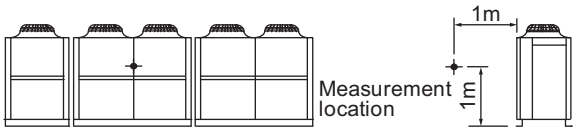


		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	71.5	70.0	65.5	61.0	57.0	53.0	48.0	40.0	63.5
Low noise mode	60Hz	66.5	60.5	53.5	51.5	46.0	42.0	42.5	35.5	53.5

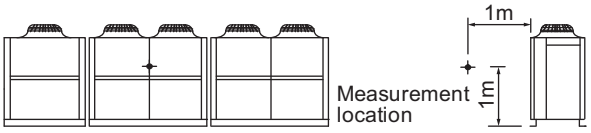
When Low noise mode is set,the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

Y

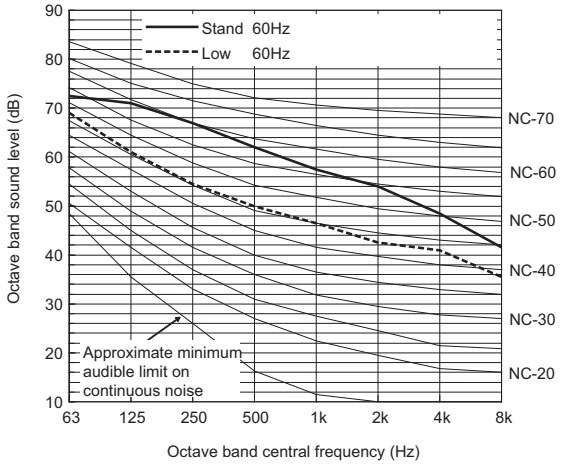
Measurement condition
PUHY-P312TSJMU/YSJMU



Measurement condition
PUHY-P336,360TSJMU/YSJMU



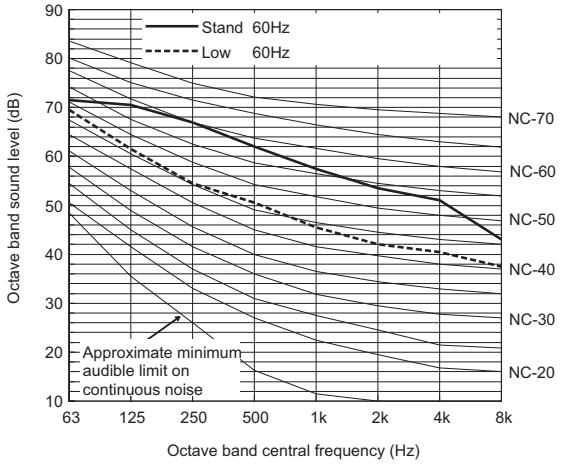
Sound level of PUHY-P312T/YSJMU-A(-BS)



		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.

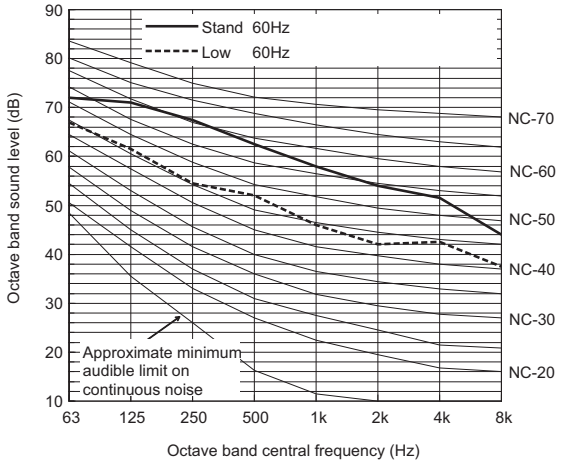
Sound level of PUHY-P336T/YSJMU-A(-BS)



		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

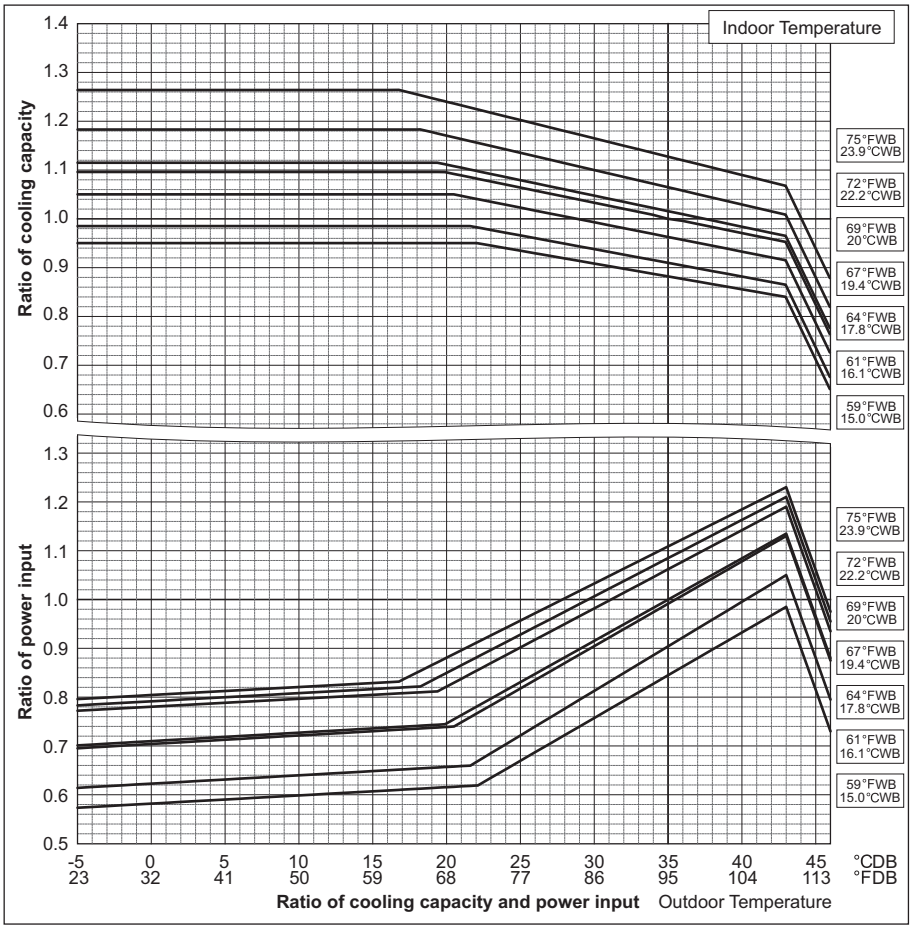
When Low noise mode is set,the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

6-1. Correction by temperature

CITY MULTI could have various capacities at different designing temperatures. Using the nominal cooling/heating capacity values and the ratios below, the capacity can be found for various temperatures.

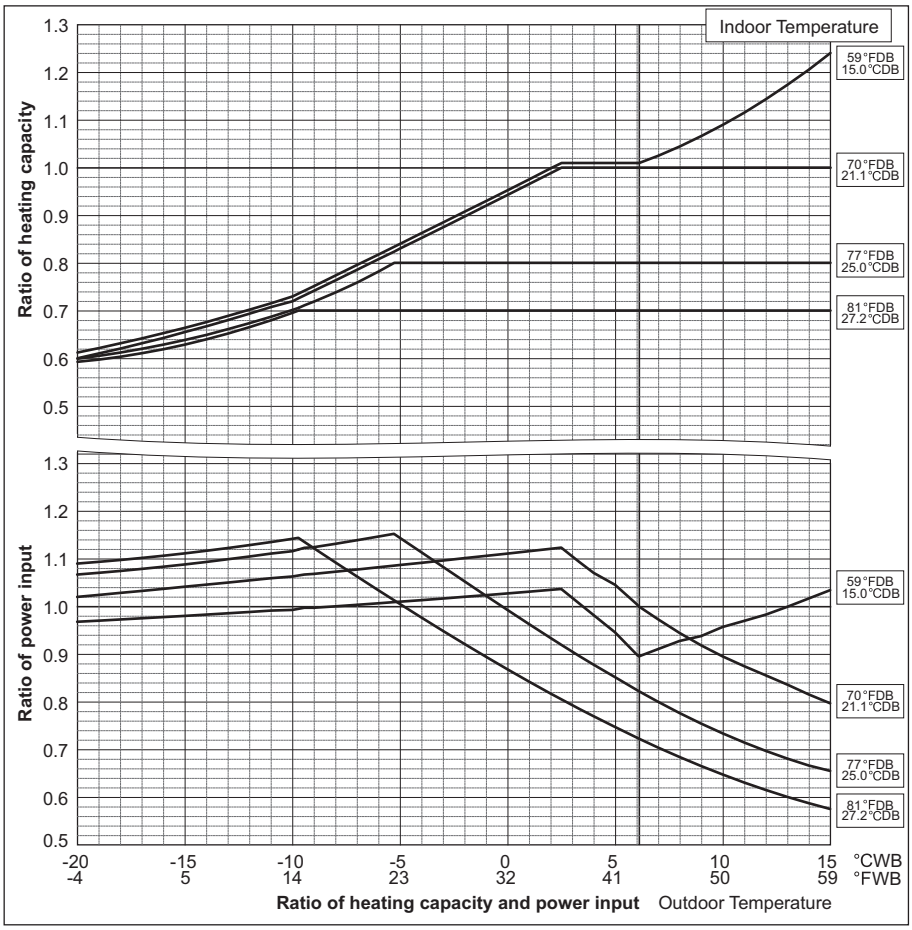
PUHY-		P72TJMU	P96TJMU
Nominal Cooling Capacity	kW	21.1	28.1
	BTU/h	72,000	96,000
Input	kW	5.27	7.95

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

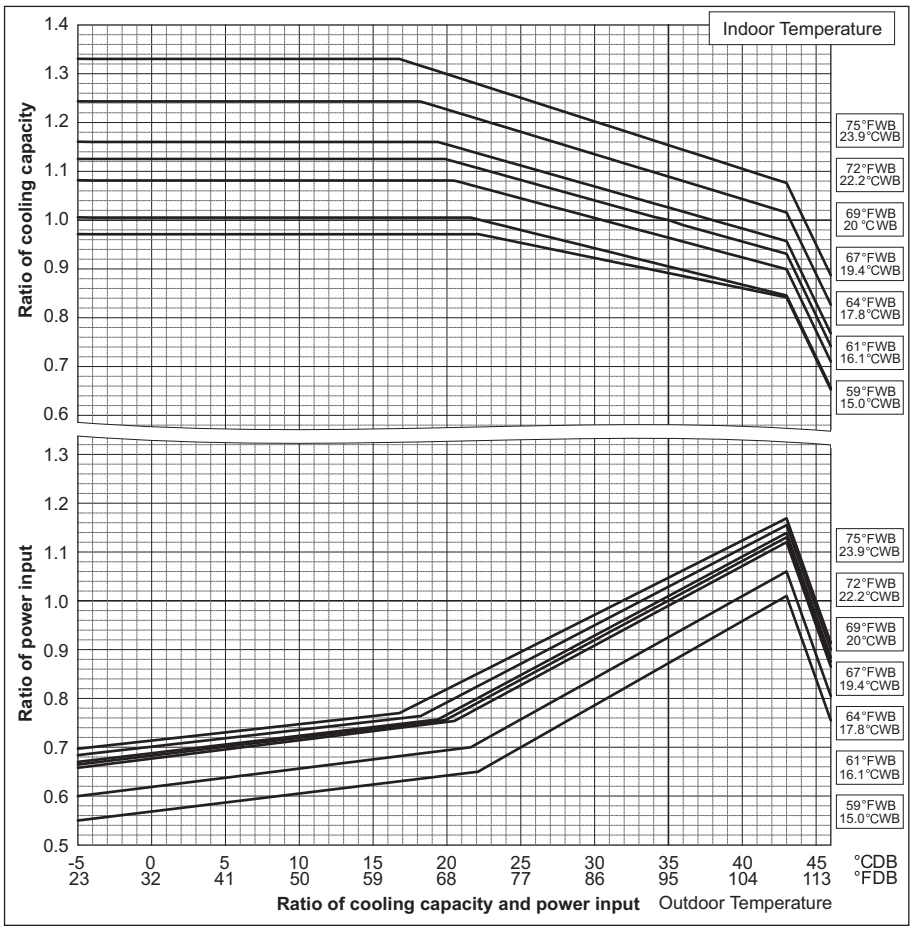
PUHY-		P72YJMU	P96YJMU
Nominal Heating Capacity	kW	23.4	31.7
	BTU/h	80,000	108,000
Input	kW	5.68	8.54



Y

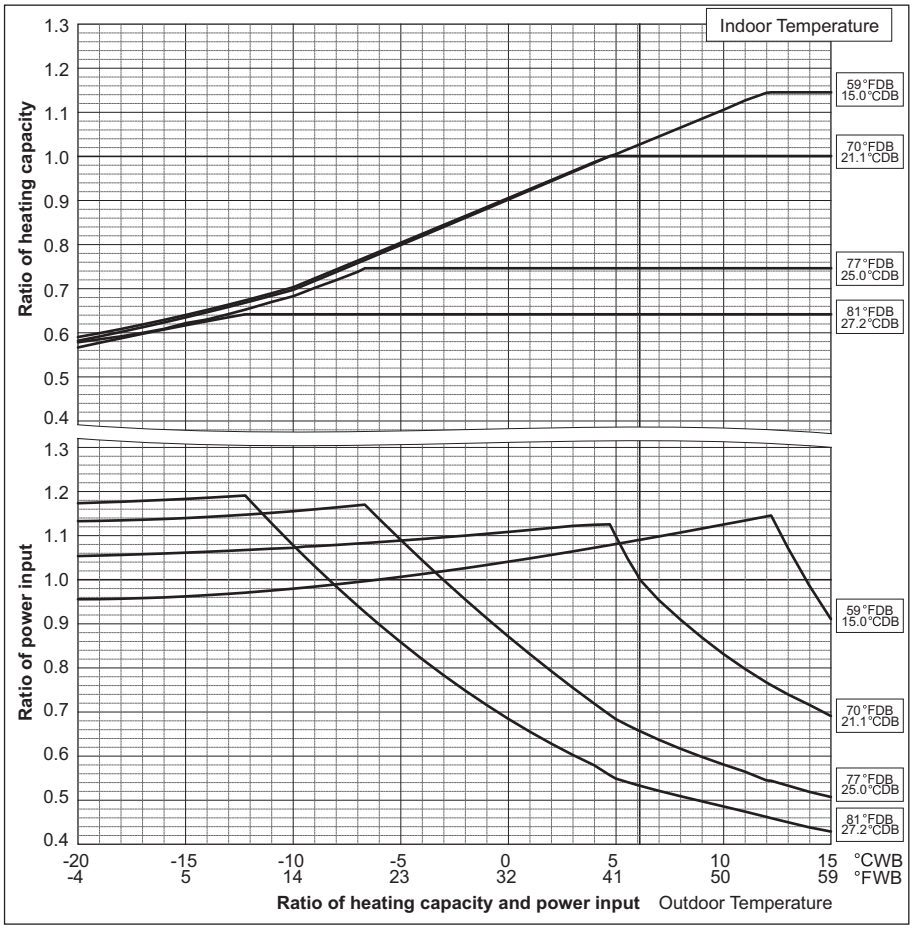
PUHY-		P120TJMU
Nominal Cooling Capacity	kW	35.2
	BTU/h	120,000
Input	kW	9.90

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



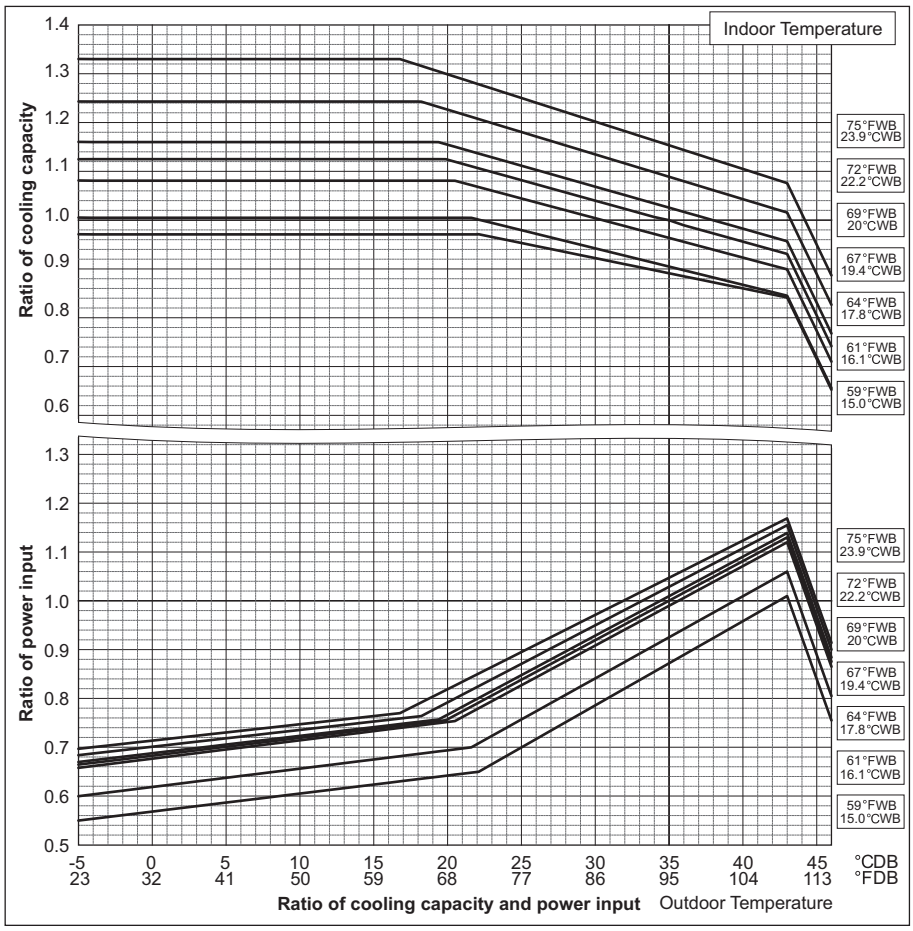
PUHY-		P120TJMU
Nominal Heating Capacity	kW	39.6
	BTU/h	135,000
Input	kW	10.41

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



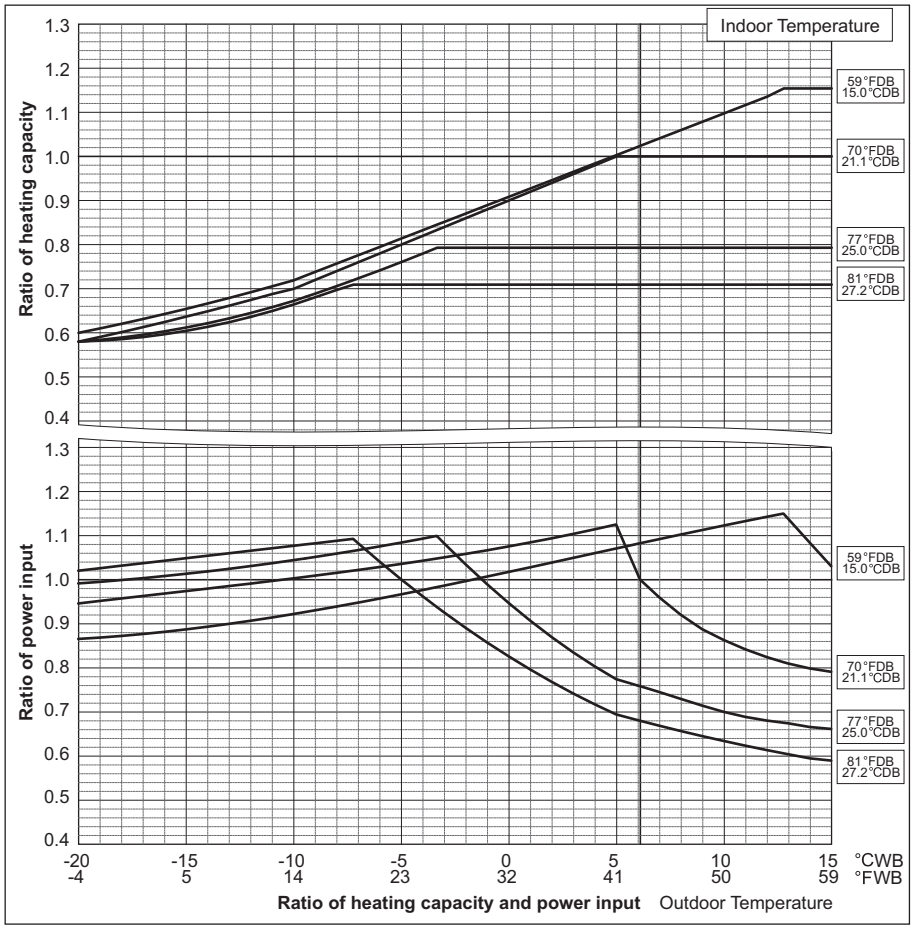
PUHY-		P144TJMU
Nominal Cooling Capacity	kW	42.2
	BTU/h	144,000
Input	kW	12.42

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

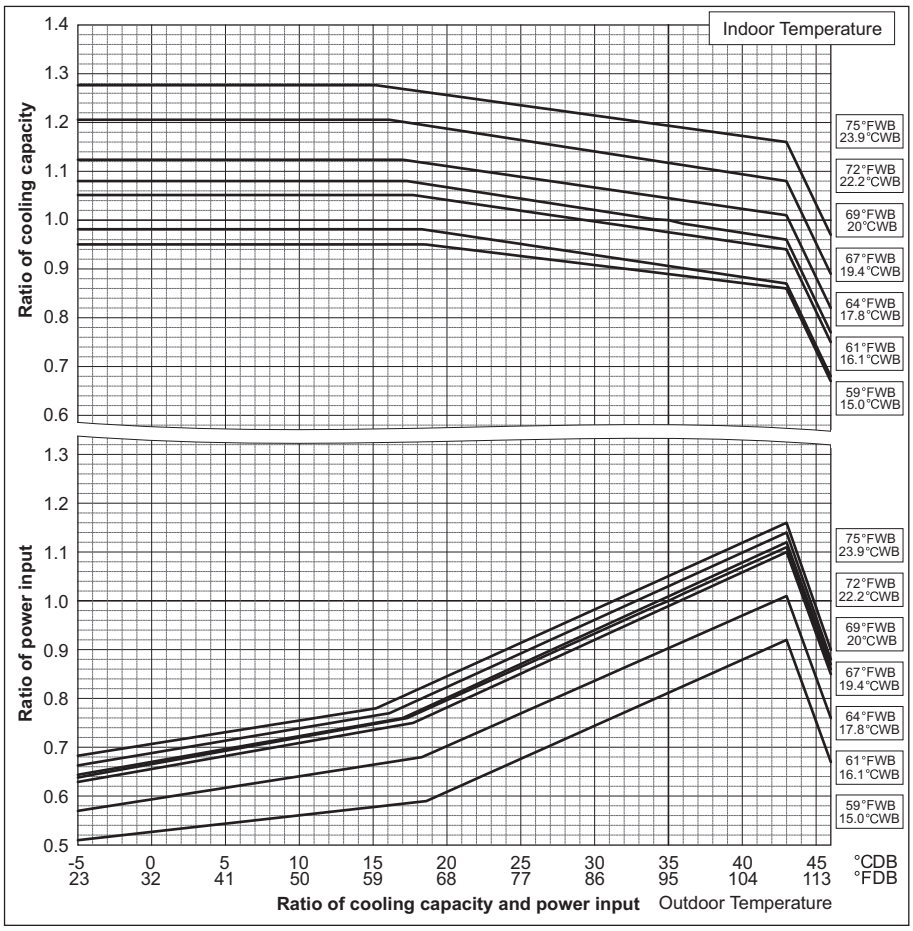
PUHY-		P144YJMU
Nominal Heating Capacity	kW	46.9
	BTU/h	160,000
Input	kW	13.08



Y

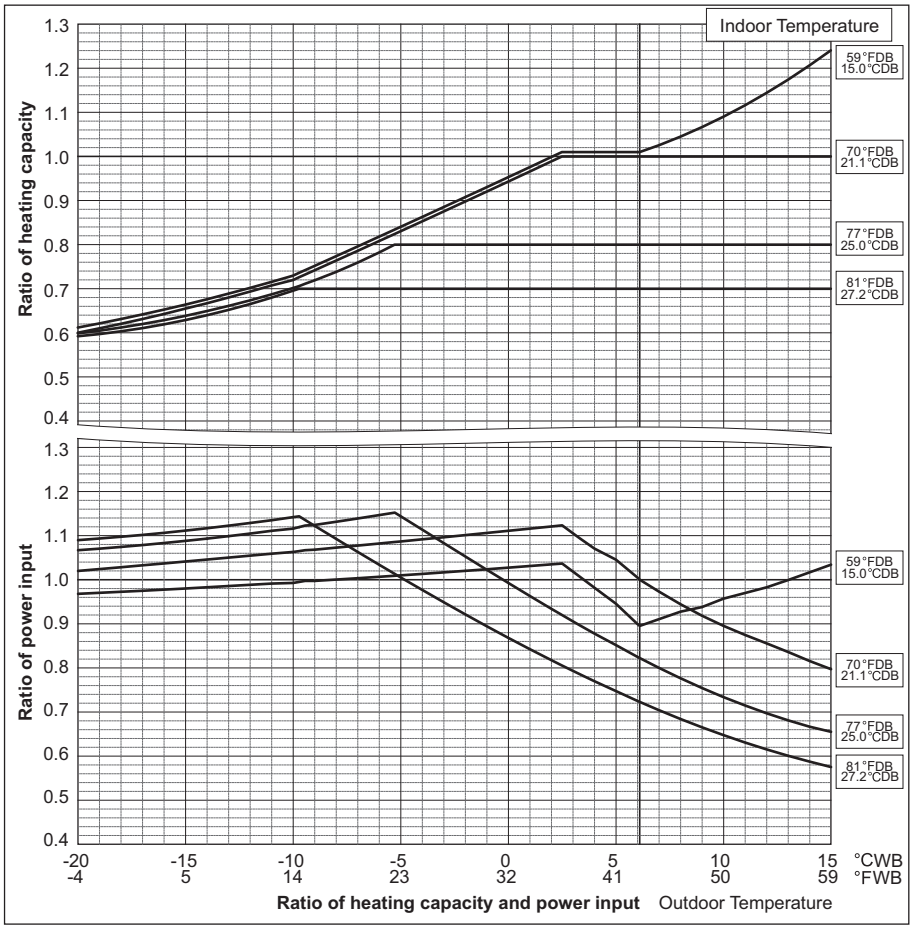
PUHY-		P168TSJMU	P192TSJMU
Nominal Cooling Capacity	kW	49.2	56.3
	BTU/h	168,000	192,000
Input	kW	13.62	15.63

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



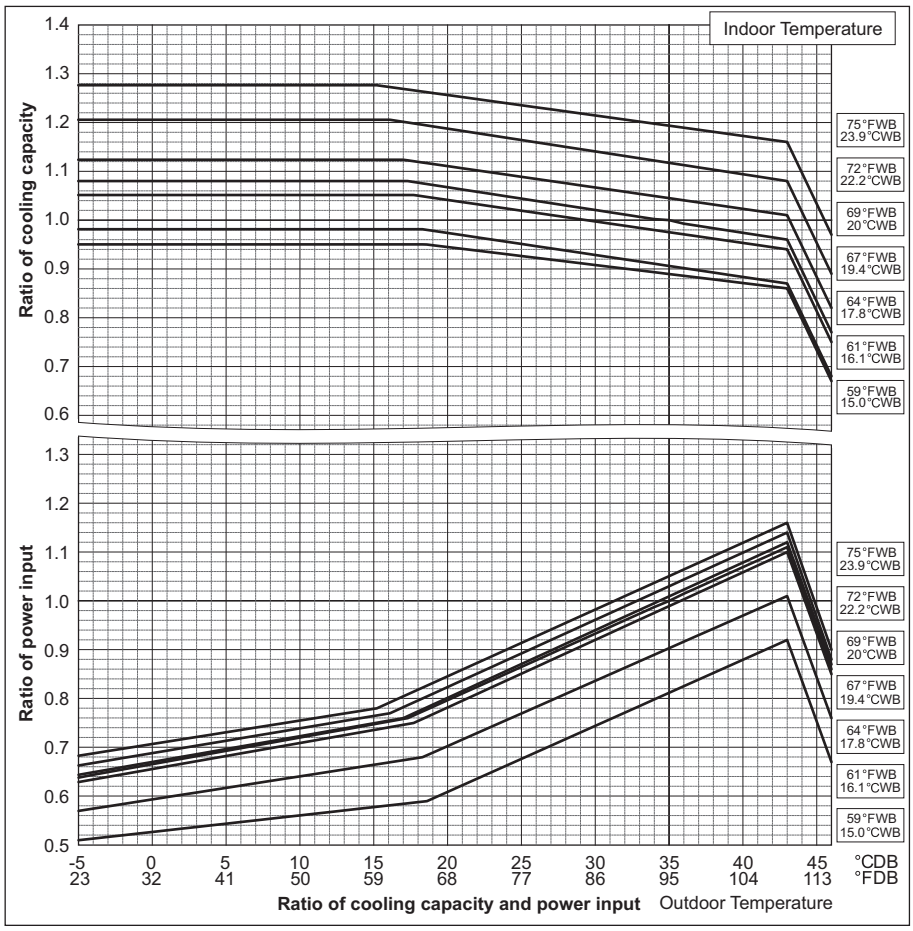
PUHY-		P168TSJMU	P192TSJMU
Nominal Heating Capacity	kW	55.1	63.0
	BTU/h	188,000	215,000
Input	kW	14.65	16.57

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



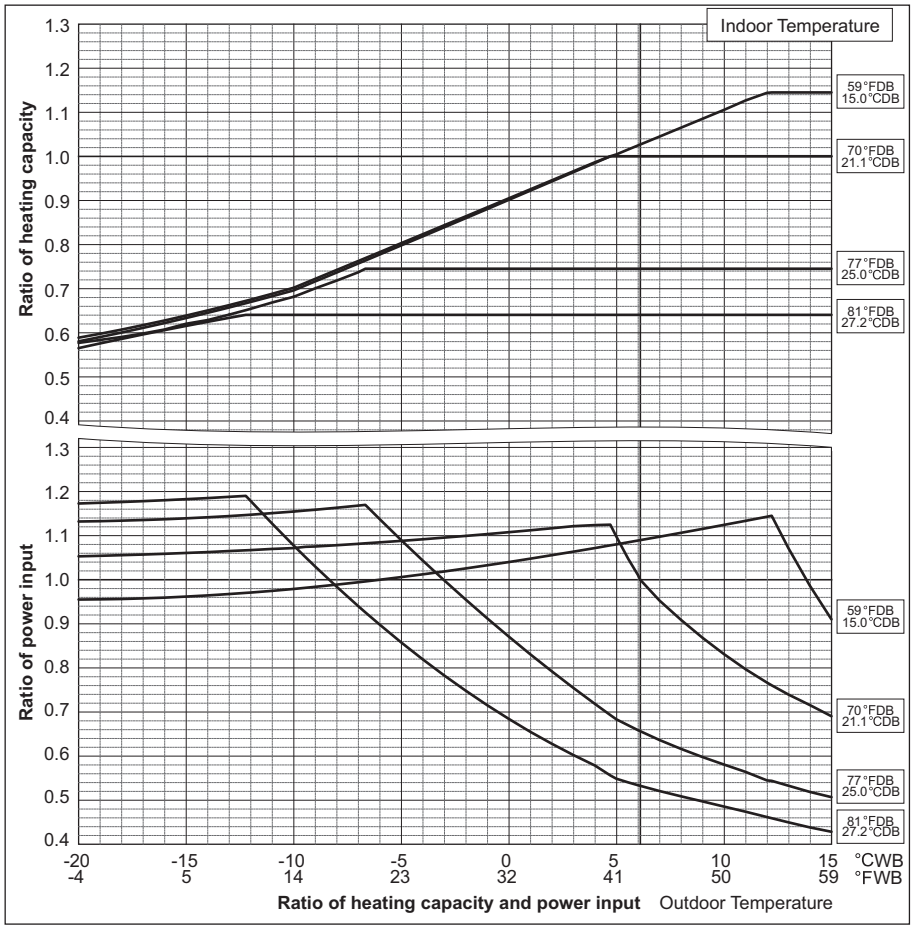
PUHY-		P216TSJMU	P240TSJMU
Nominal Cooling Capacity	kW	63.3	70.3
	BTU/h	216,000	240,000
Input	kW	18.39	20.39

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



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

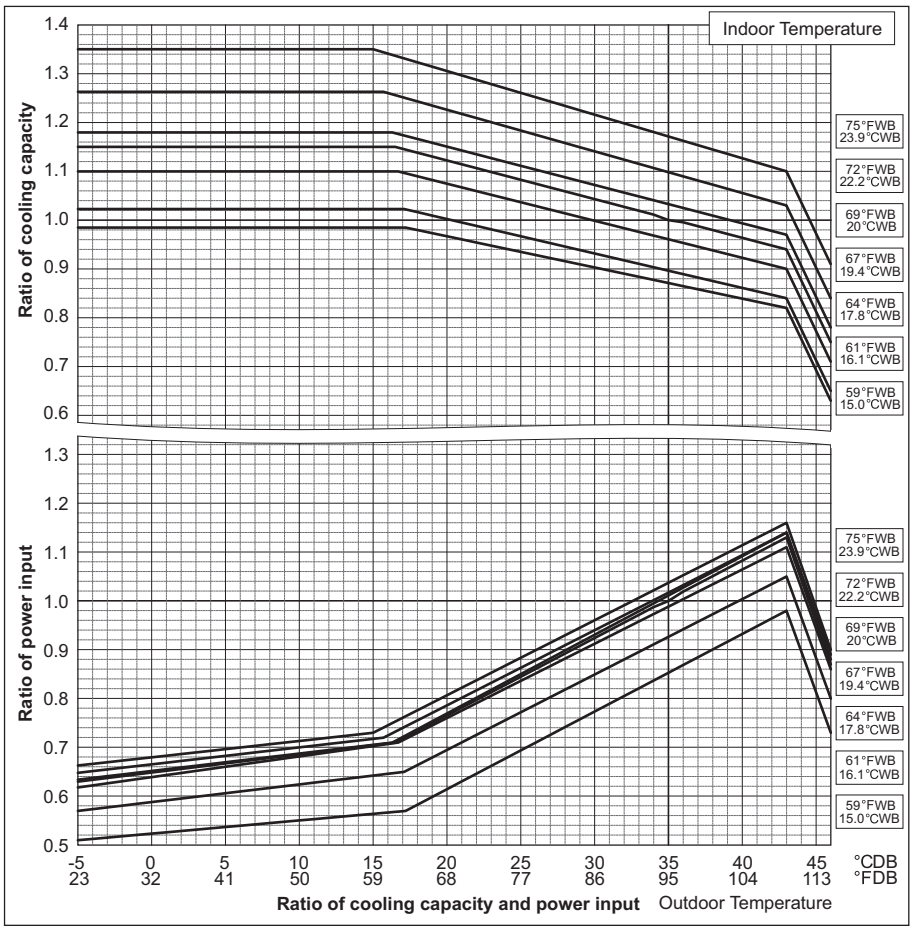
PUHY-		P216YSJMU	P240YSJMU
Nominal Heating Capacity	kW	71.2	79.1
	BTU/h	243,000	270,000
Input	kW	19.52	21.44



Y

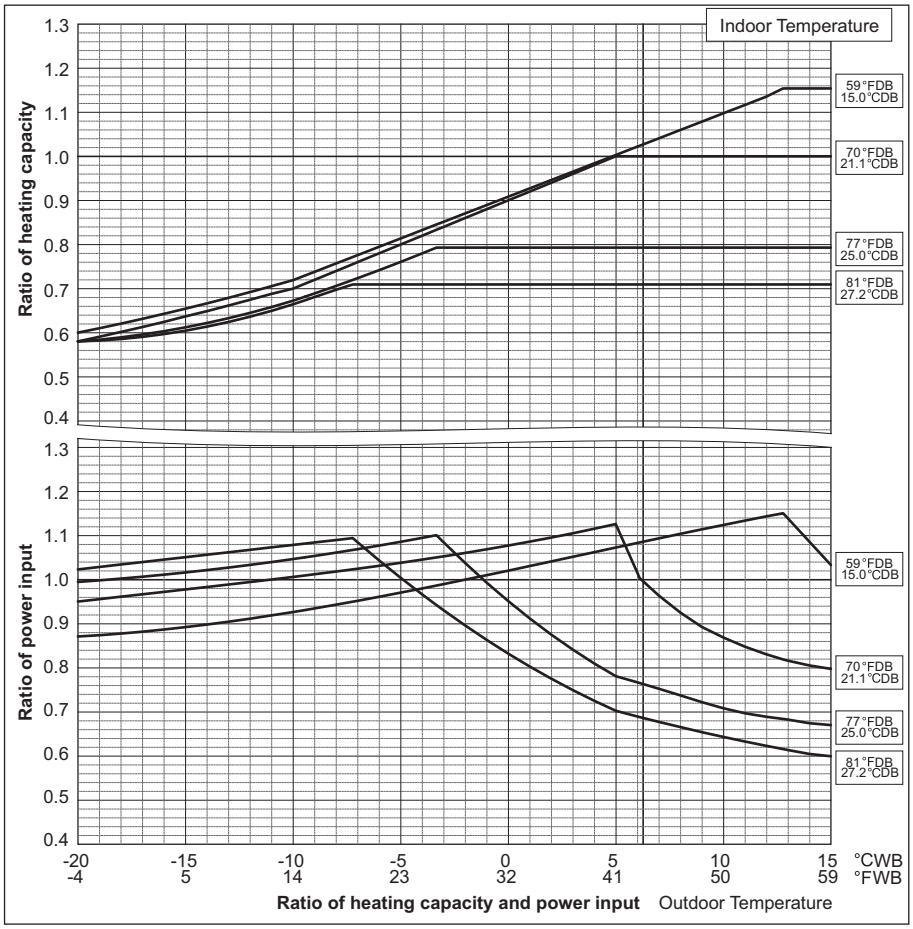
PUHY-		P264TSJMU	P288TSJMU
Nominal Cooling Capacity	kW	77.4	84.4
	BTU/h	264,000	288,000
Input	kW	22.99	25.59

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

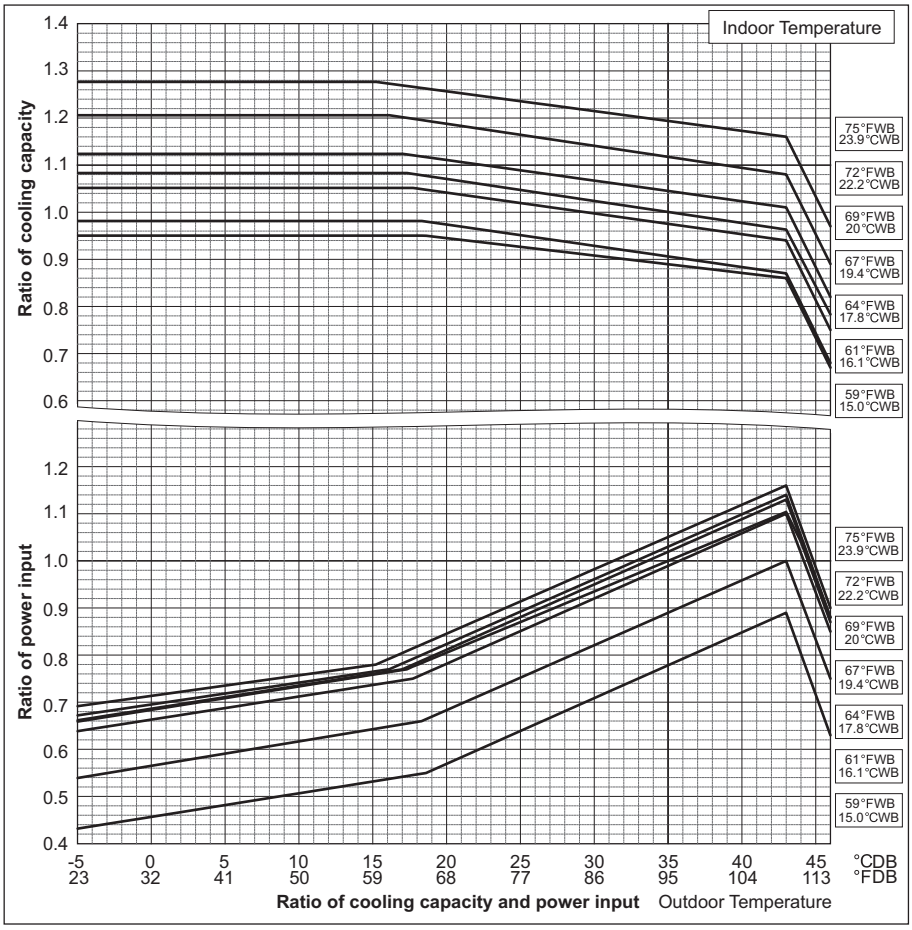


PUHY-		P312TSJMU	P336TSJMU
Nominal Cooling Capacity	kW	91.4	98.5
	BTU/h	312,000	336,000
Input	kW	25.82	28.58

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	

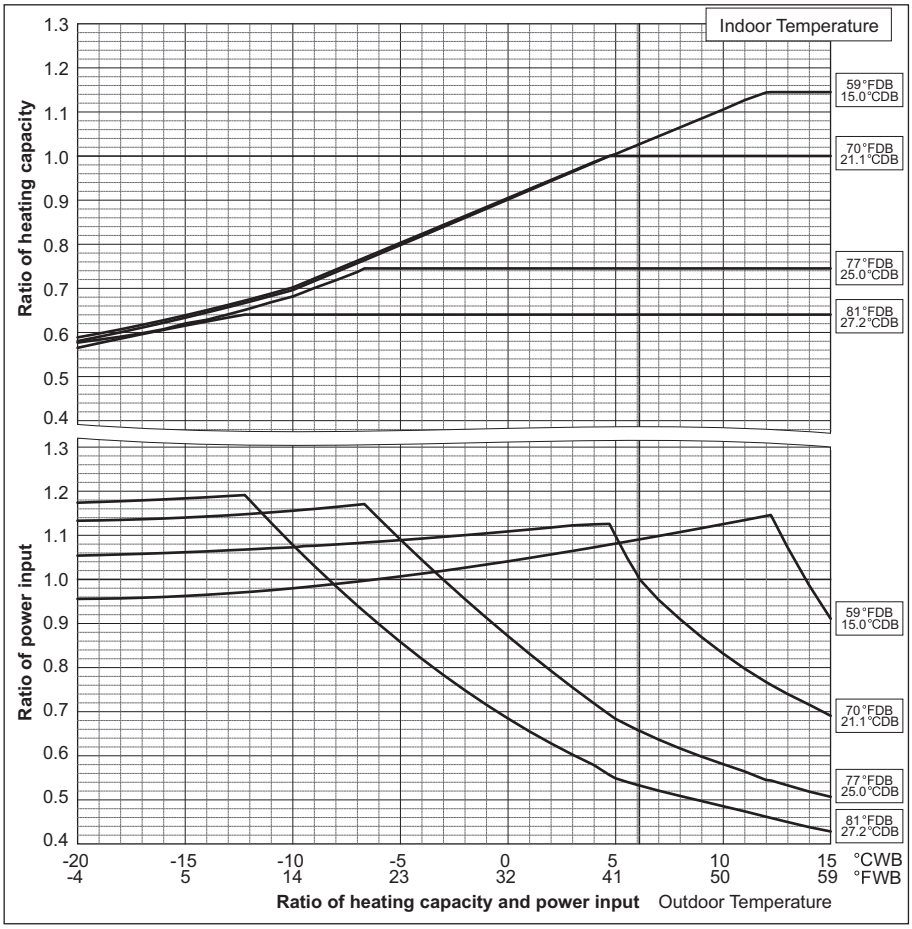


PUHY-		P312TSJMU	P336TSJMU
Nominal Heating Capacity	kW	102.6	110.8
	BTU/h	350,000	378,000
Input	kW	27.3	30.24

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	



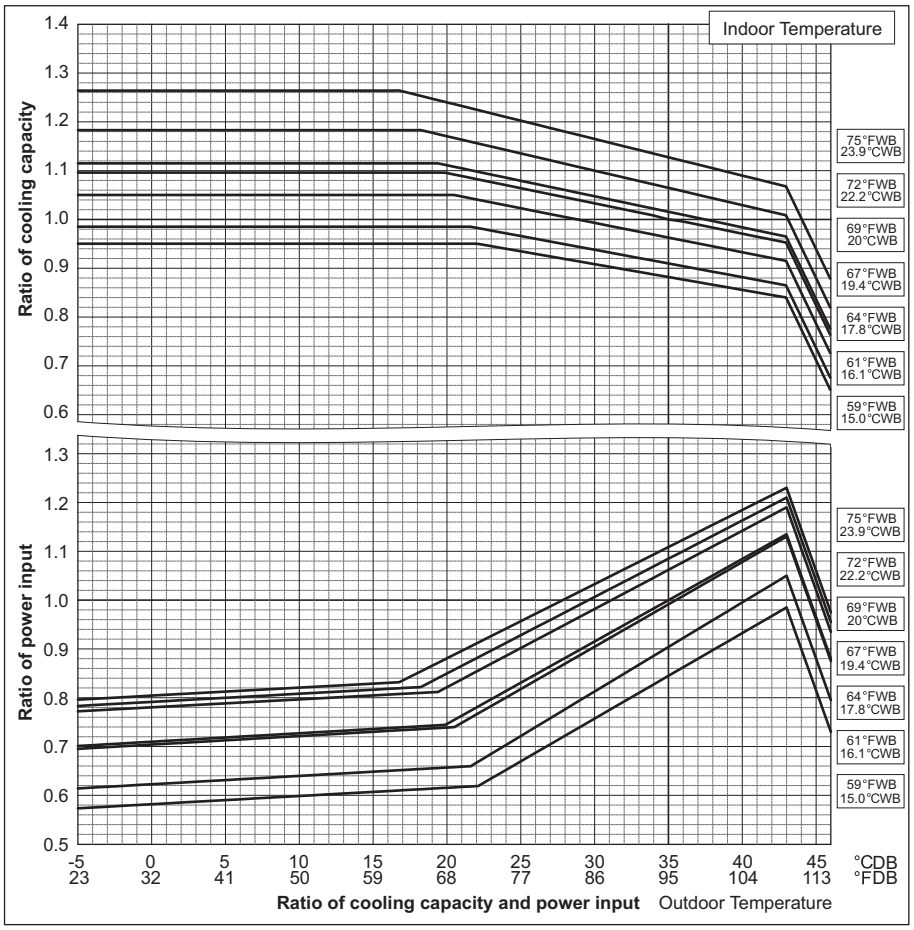
Correction by temperature (High Heating Performance Mode)

CITY MULTI could have various capacities at different designing temperatures. Using the nominal cooling/heating capacity values and the ratios below, the capacity can be found for various temperatures.

To select high heating performance mode, DipSW 3-7 must be set to ON. (In the low ambient temperature, heating capacity and power input become higher than those under standard mode.)

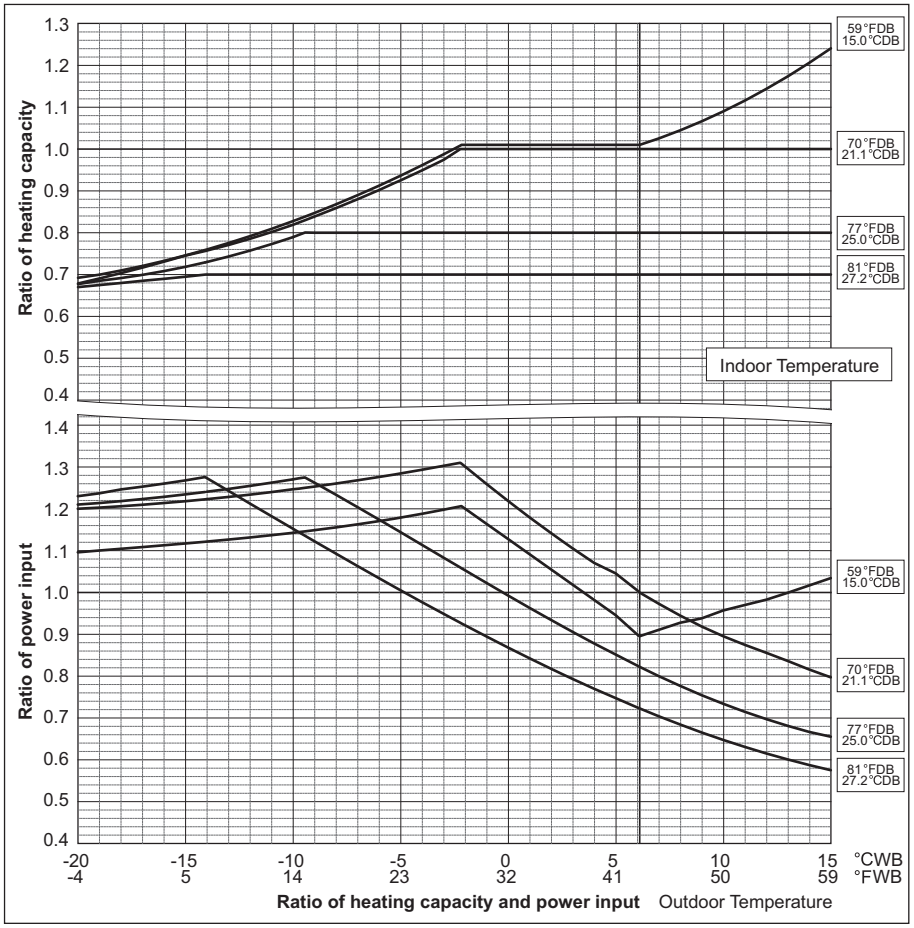
PUHY-		P72TJMU	P96TJMU
Nominal Cooling Capacity	kW	21.1	28.1
	BTU/h	72,000	96,000
Input	kW	5.27	7.95

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



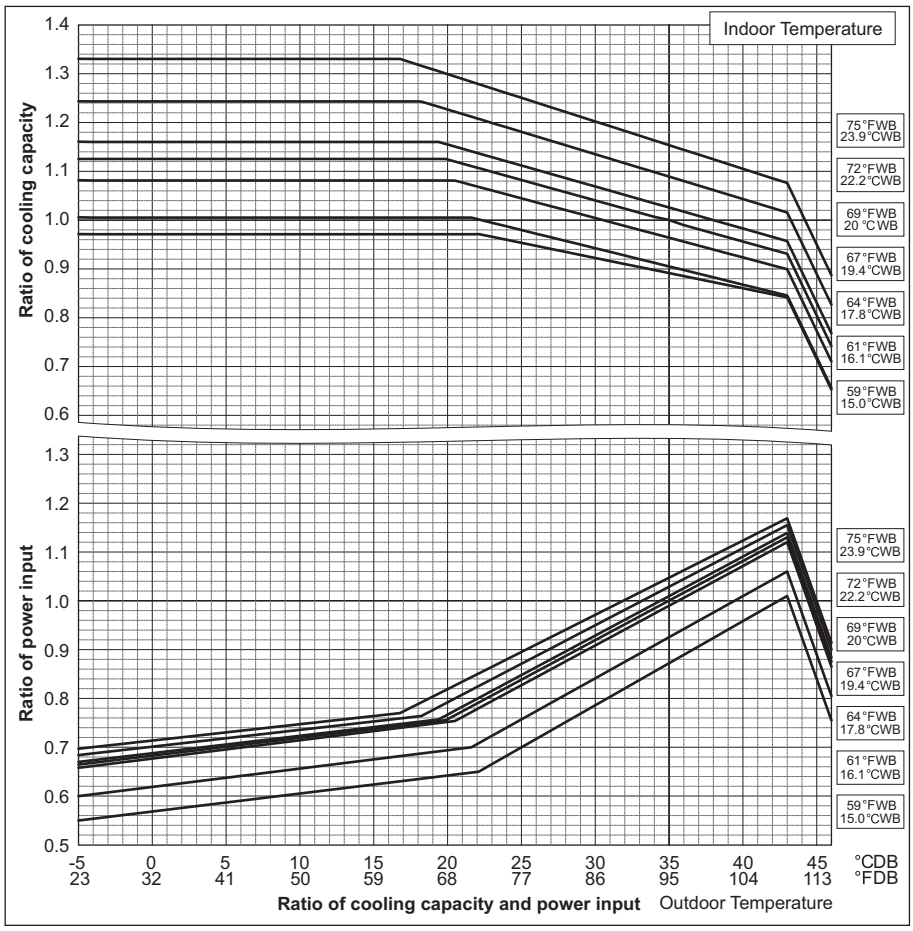
PUHY-		P72TJMU	P96TJMU
Nominal Heating Capacity	kW	23.4	31.7
	BTU/h	80,000	108,000
Input	kW	5.68	8.54

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



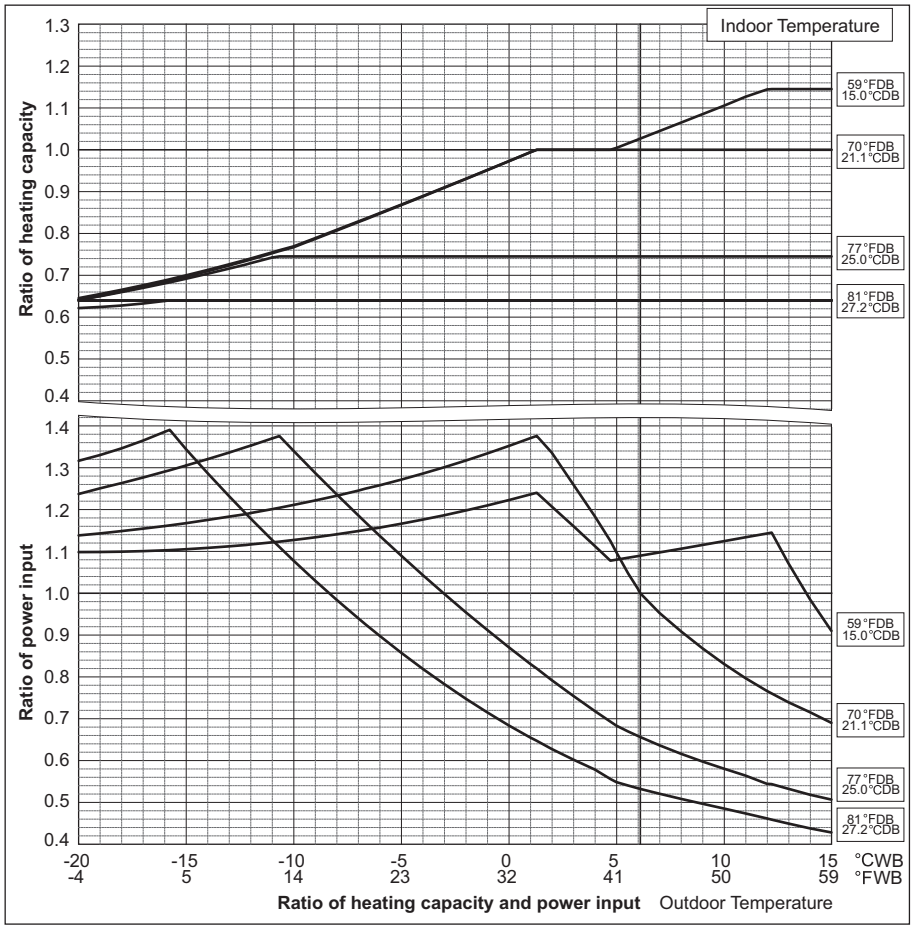
PUHY-		P120TJMU
Nominal Cooling Capacity	kW	35.2
	BTU/h	120,000
Input	kW	9.90

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

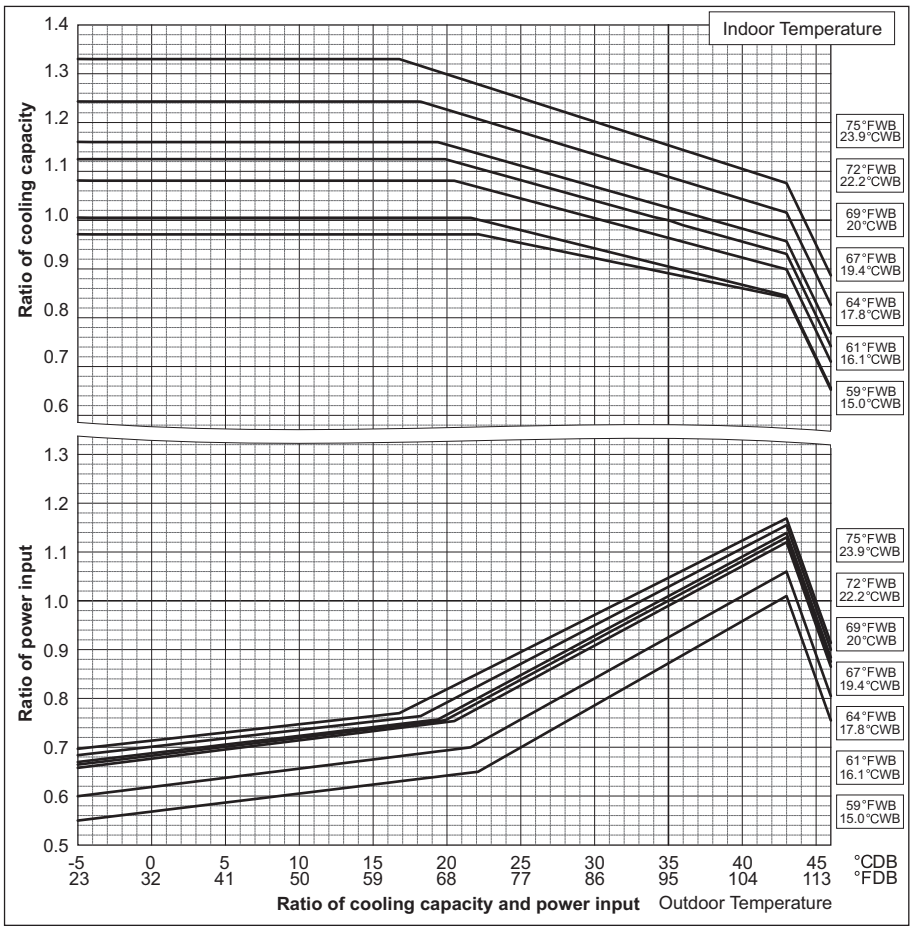
PUHY-		P120YJMU
Nominal Heating Capacity	kW	39.6
	BTU/h	135,000
Input	kW	10.41



Y

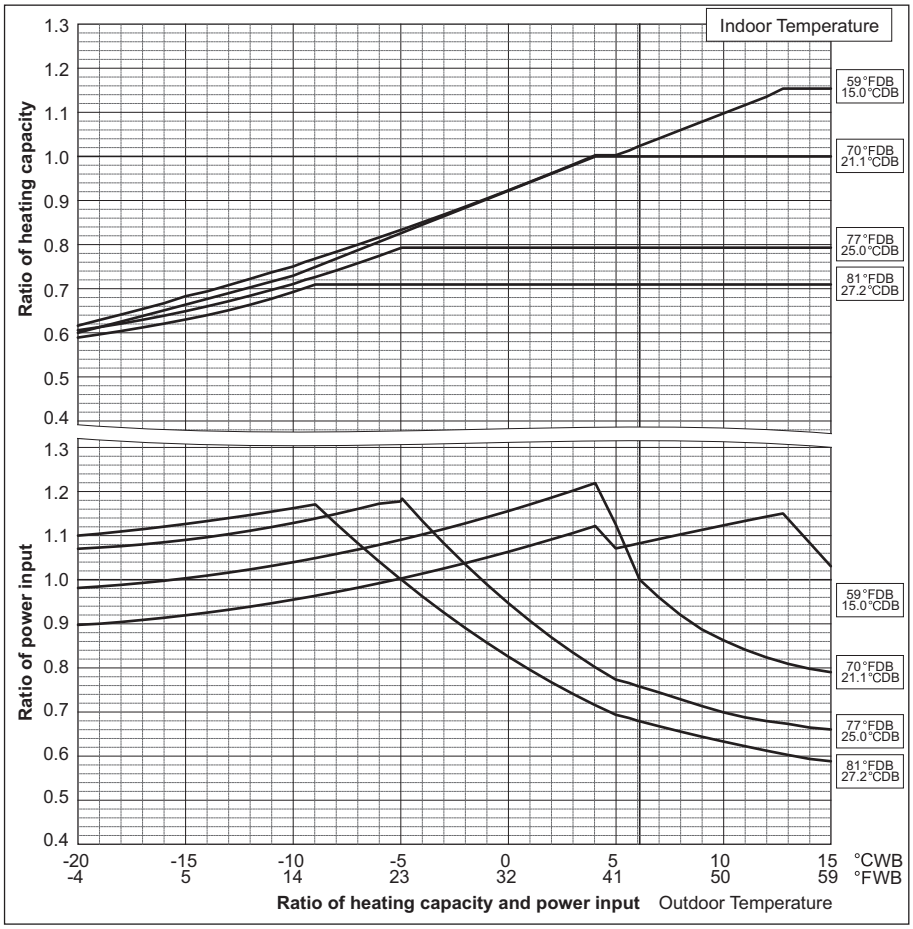
PUHY-		P144TJMU
Nominal Cooling Capacity	kW	42.2
	BTU/h	144,000
Input	kW	12.42

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



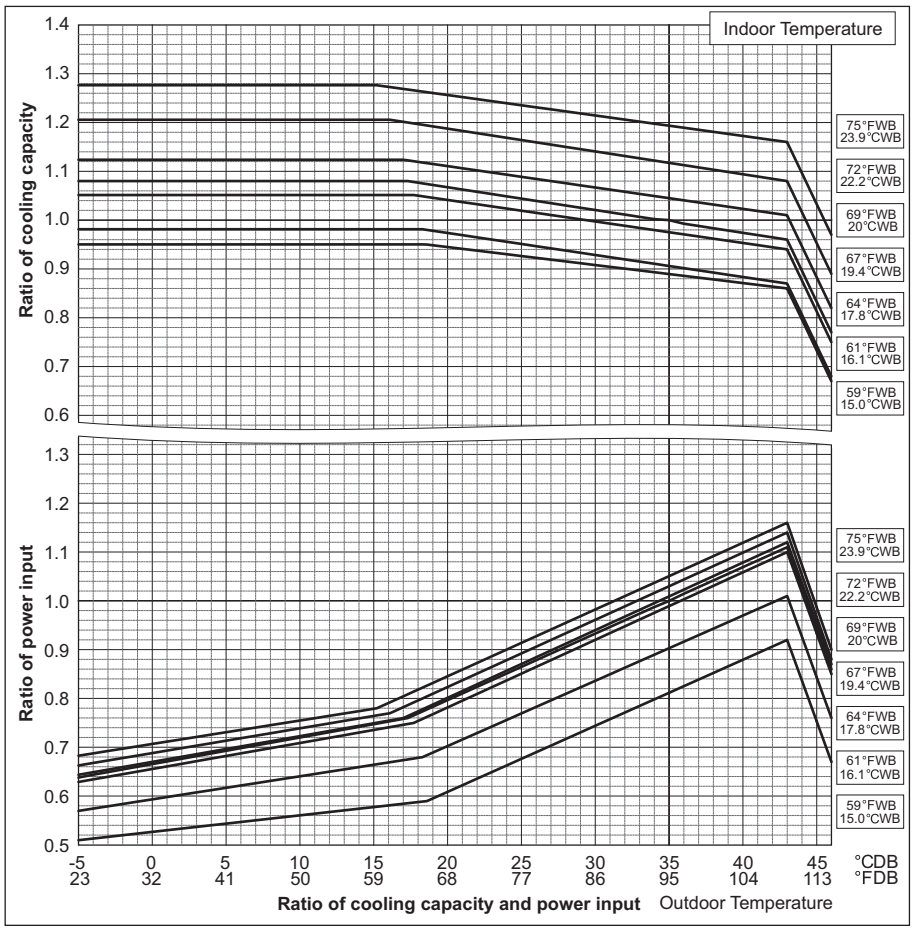
PUHY-		P144TJMU
Nominal Heating Capacity	kW	46.9
	BTU/h	160,000
Input	kW	13.08

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



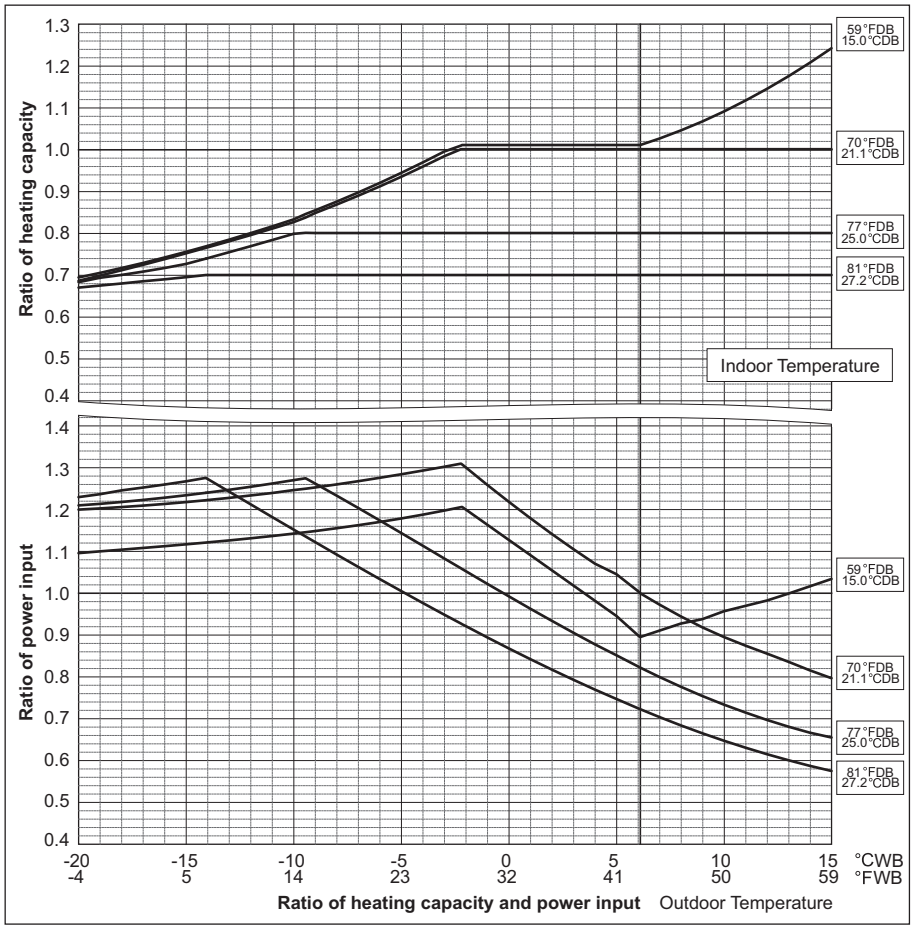
PUHY-		P168TSJMU	P192TSJMU
Nominal Cooling Capacity	kW	49.2	56.3
	BTU/h	168,000	192,000
Input	kW	13.62	15.63

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

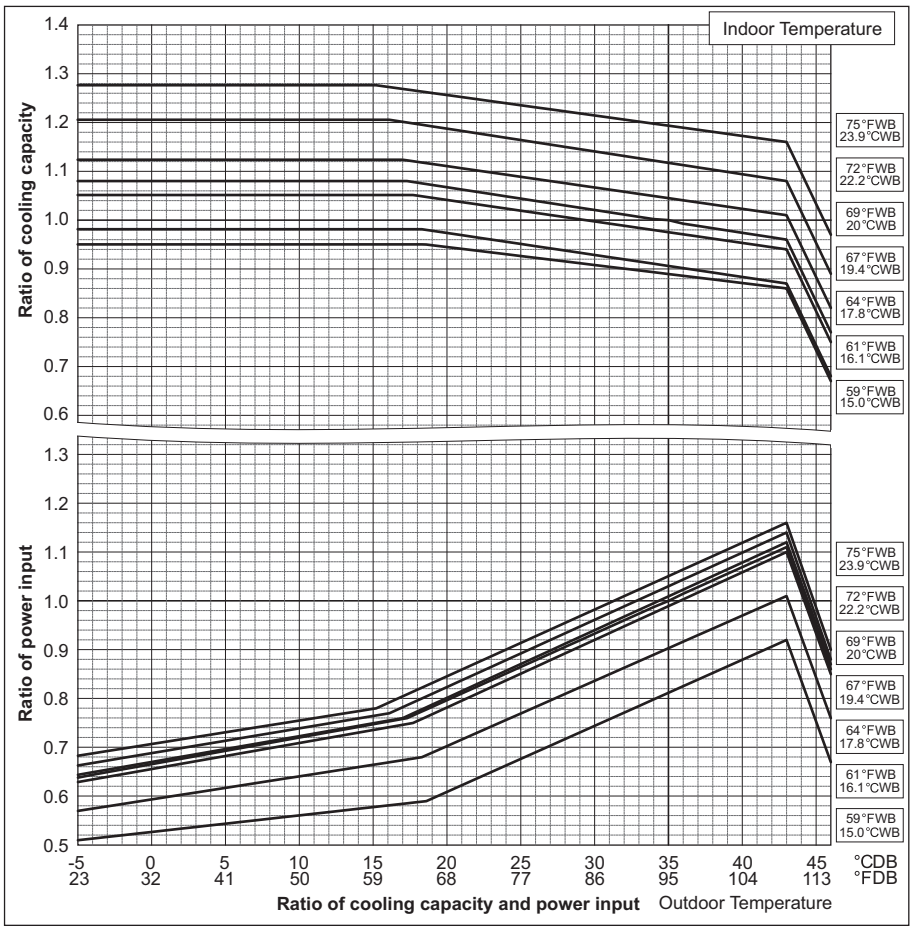
PUHY-		P168YSJMU	P192YSJMU
Nominal Heating Capacity	kW	55.1	63.0
	BTU/h	188,000	215,000
Input	kW	14.65	16.57



Y

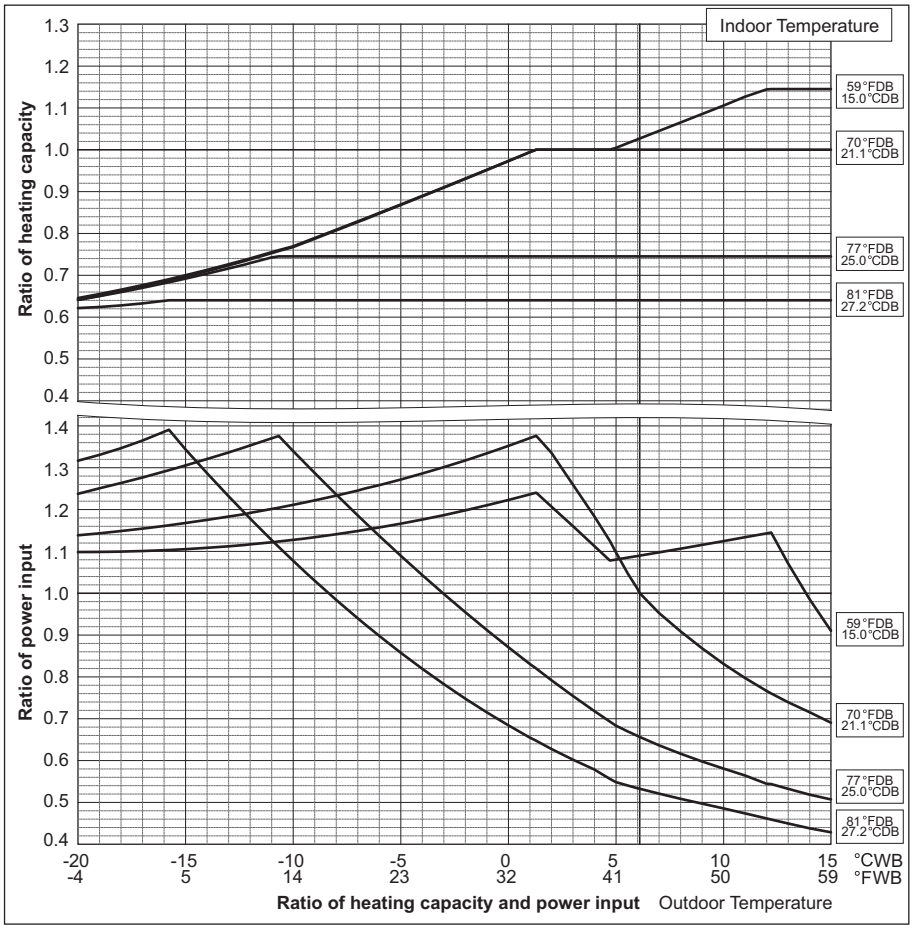
PUHY-		P216TSJMU	P240TSJMU
Nominal Cooling Capacity	kW	63.3	70.3
	BTU/h	216,000	240,000
Input	kW	18.39	20.39

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



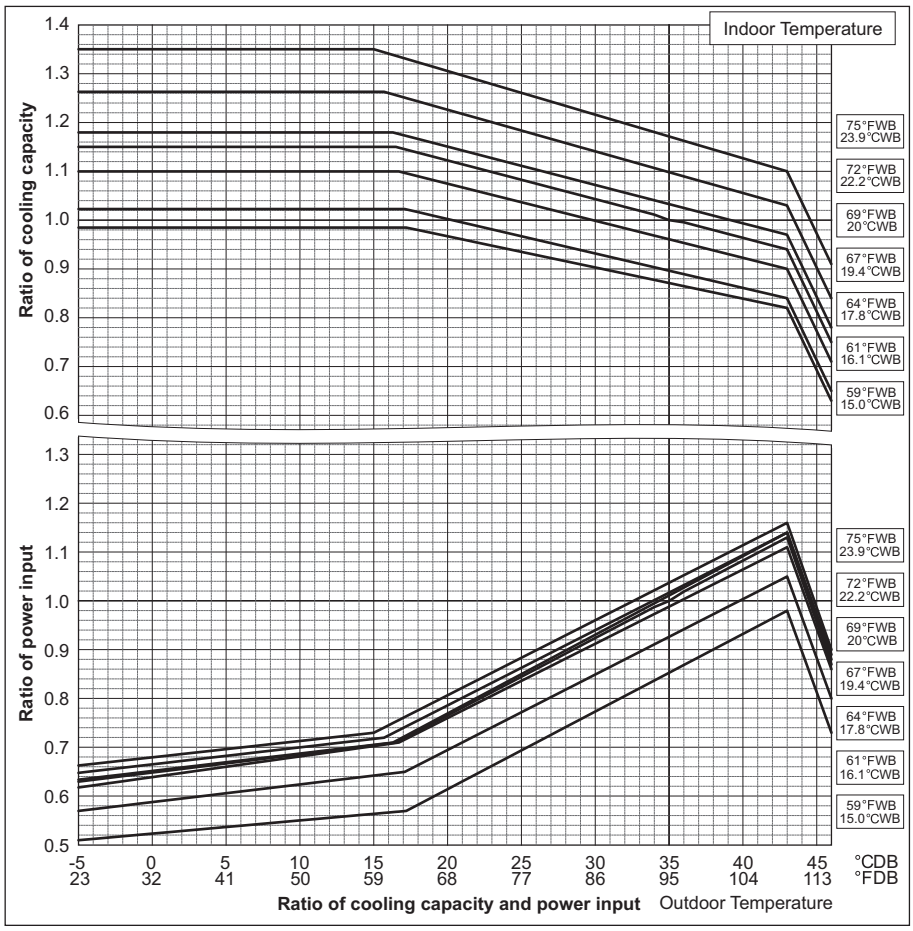
PUHY-		P216TSJMU	P240TSJMU
Nominal Heating Capacity	kW	71.2	79.1
	BTU/h	243,000	270,000
Input	kW	19.52	21.44

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



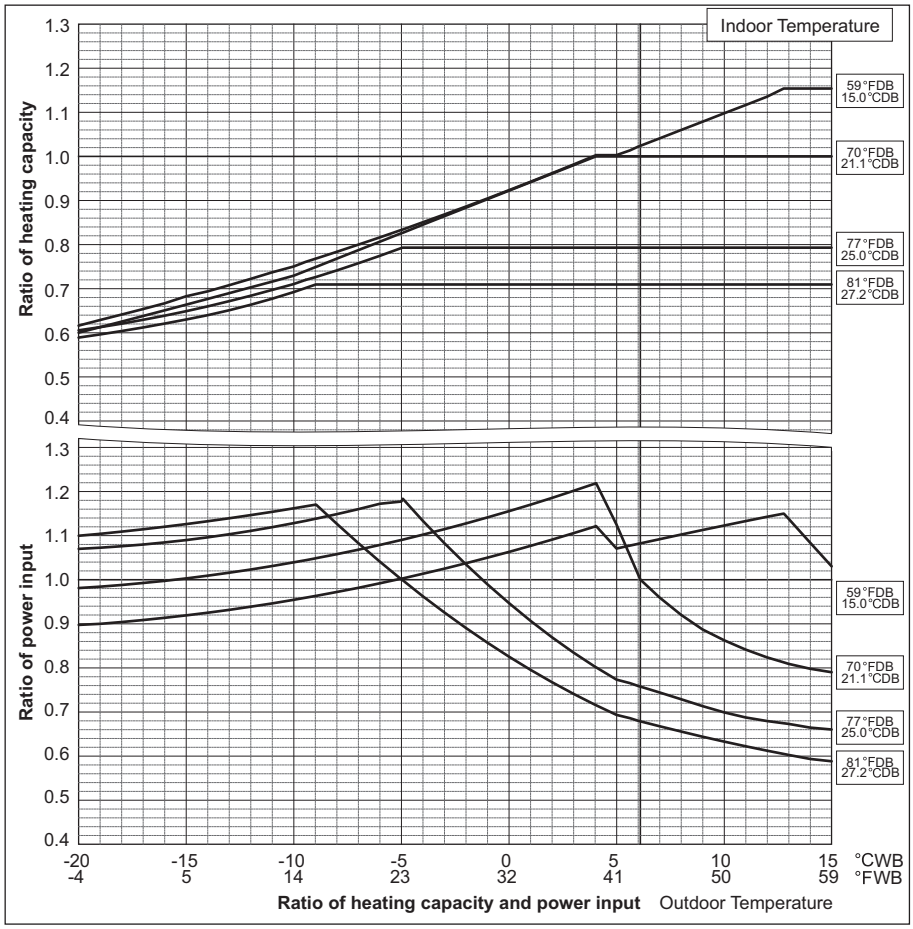
PUHY-		P264TSJMU	P288TSJMU
Nominal Cooling Capacity	kW	77.4	84.4
	BTU/h	264,000	288,000
Input	kW	22.99	25.59

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



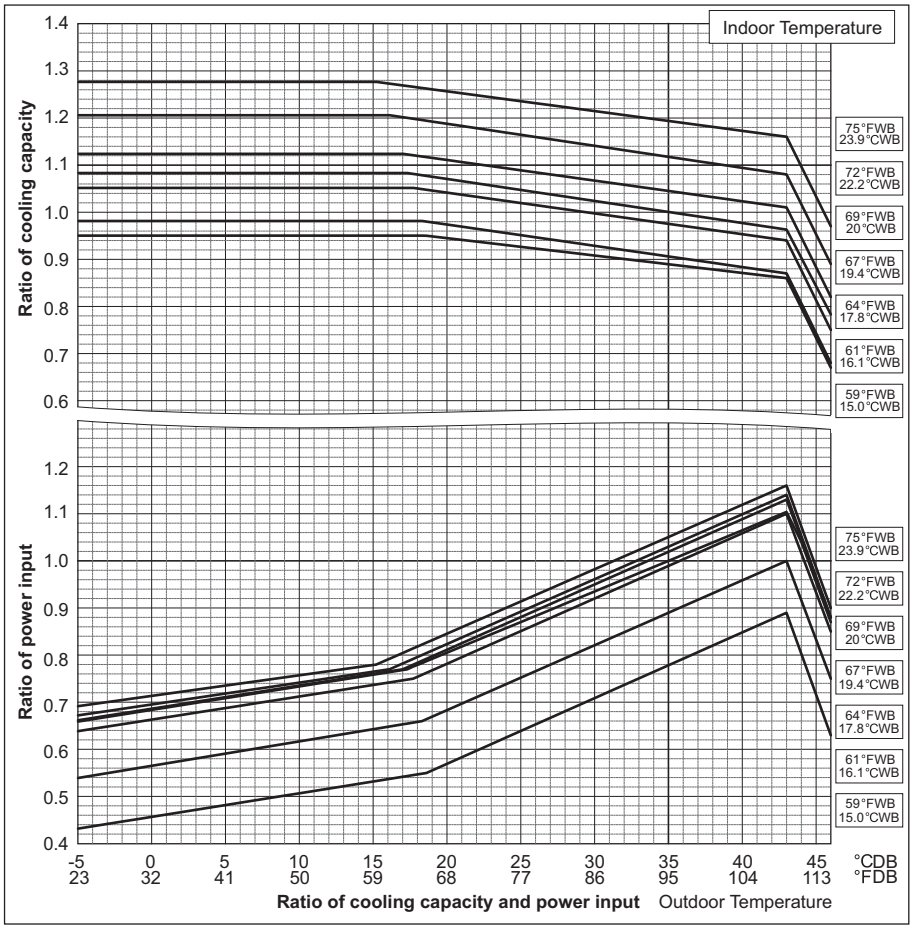
Y

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	

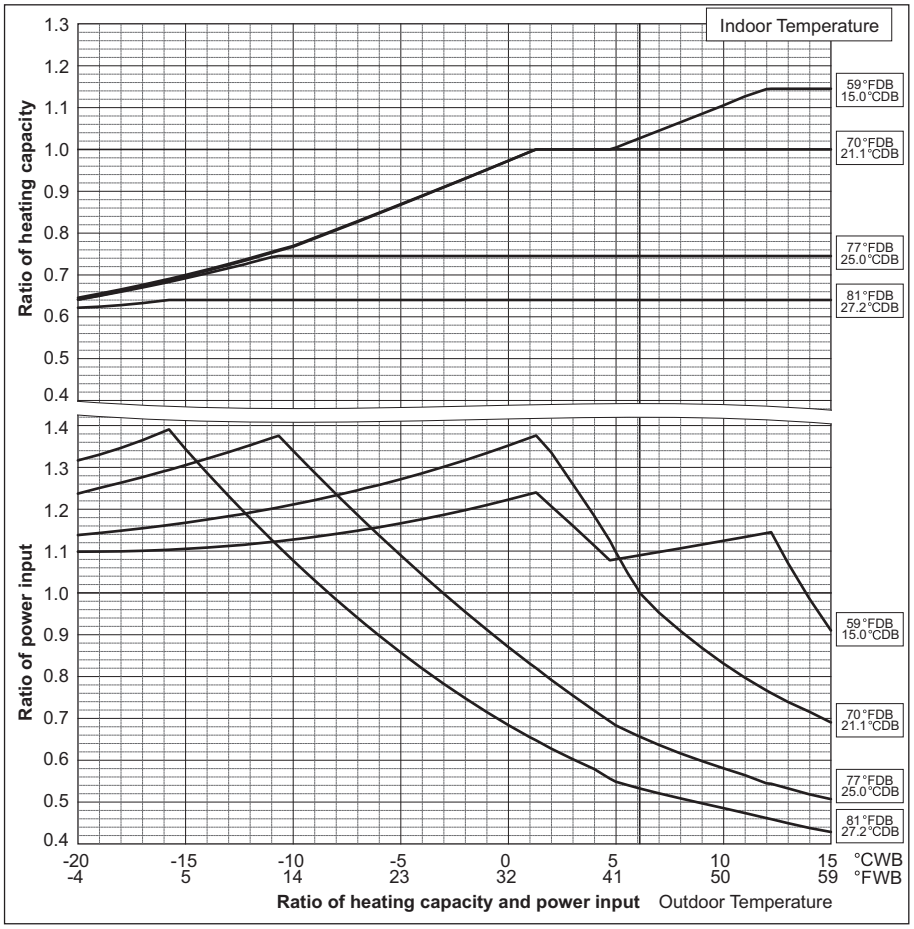


PUHY-		P312TSJMU	P336TSJMU
Nominal Heating Capacity	kW	102.6	110.8
	BTU/h	350,000	378,000
Input	kW	27.3	30.24

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

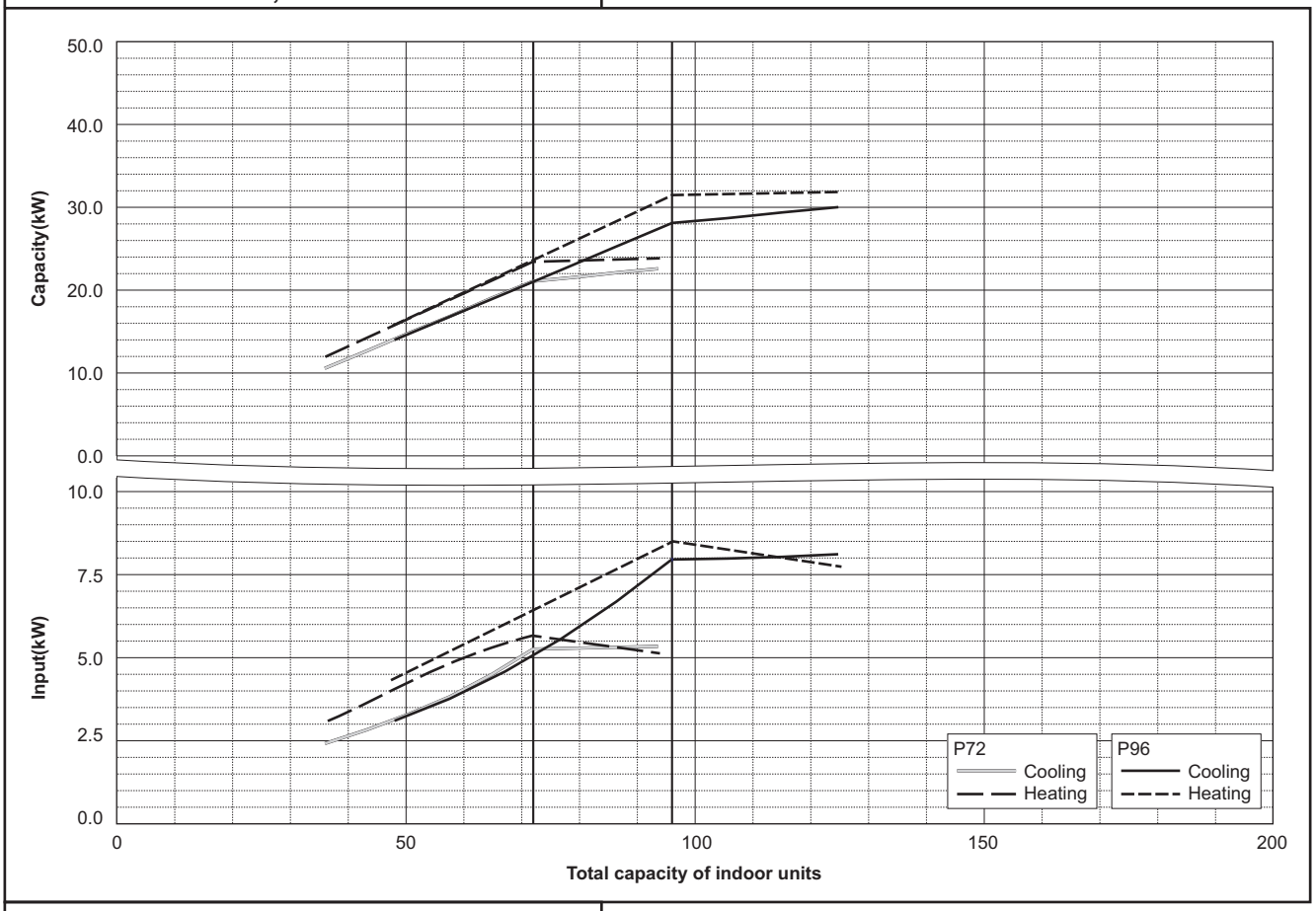
PUHY-		P360YSJMU	
Nominal Heating Capacity	kW	118.1	
	BTU/h	403,000	
Input	kW	32.99	



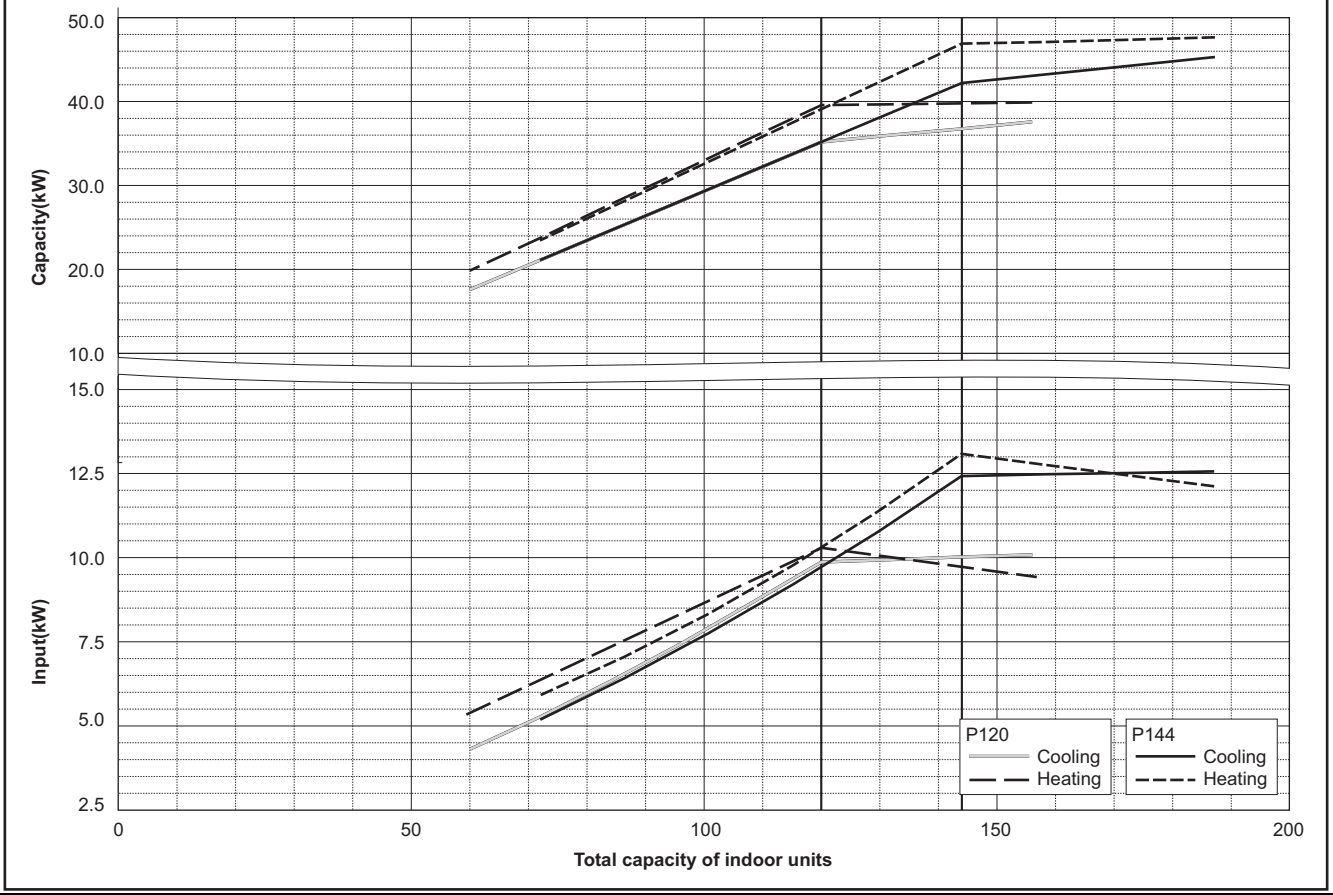
6-2. Correction by total indoor

CITY MULTI system have different capacities and inputs when many 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.

PUHY-P72,96TJMU/YJMU

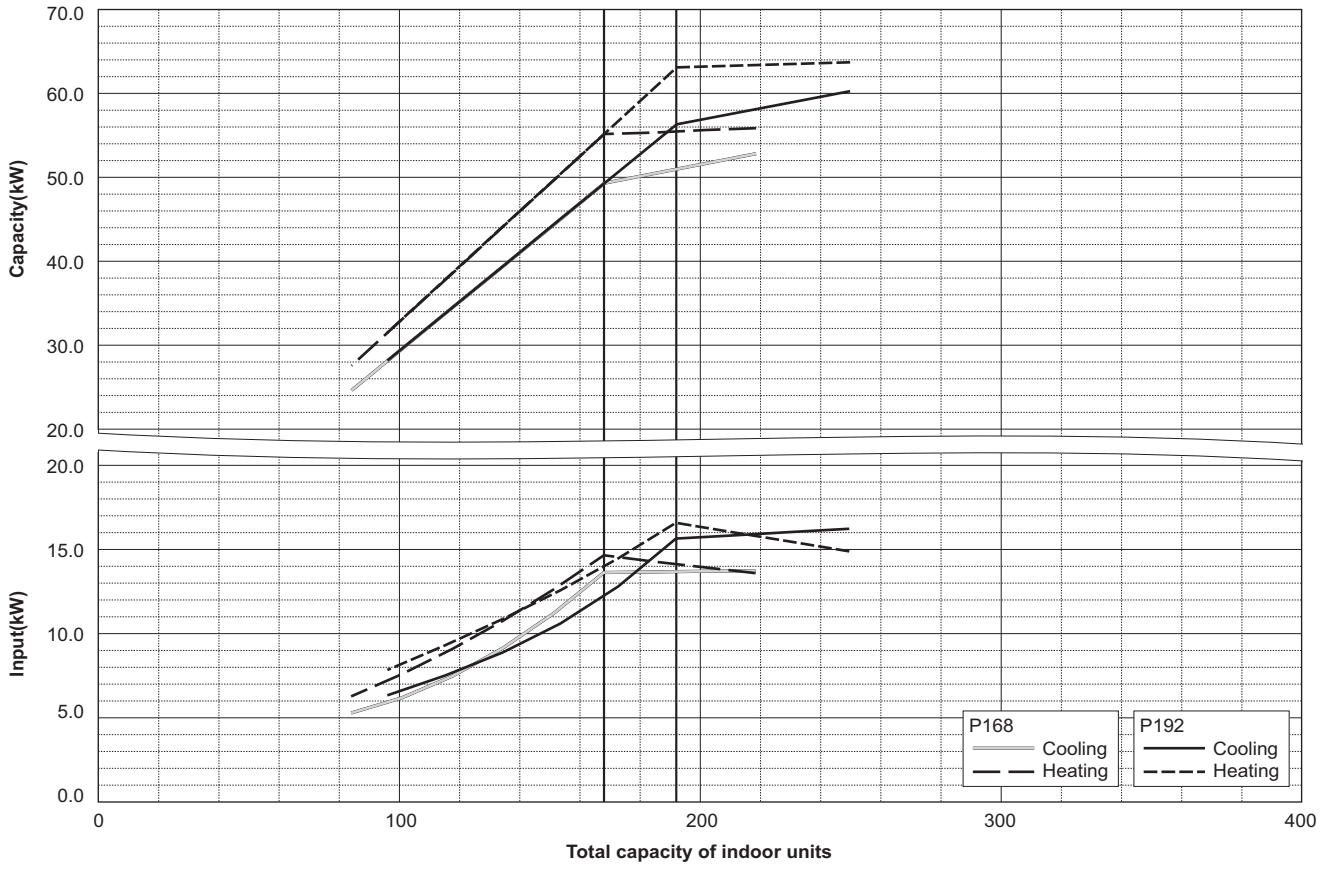


PUHY-P120,144TJMU/YJMU

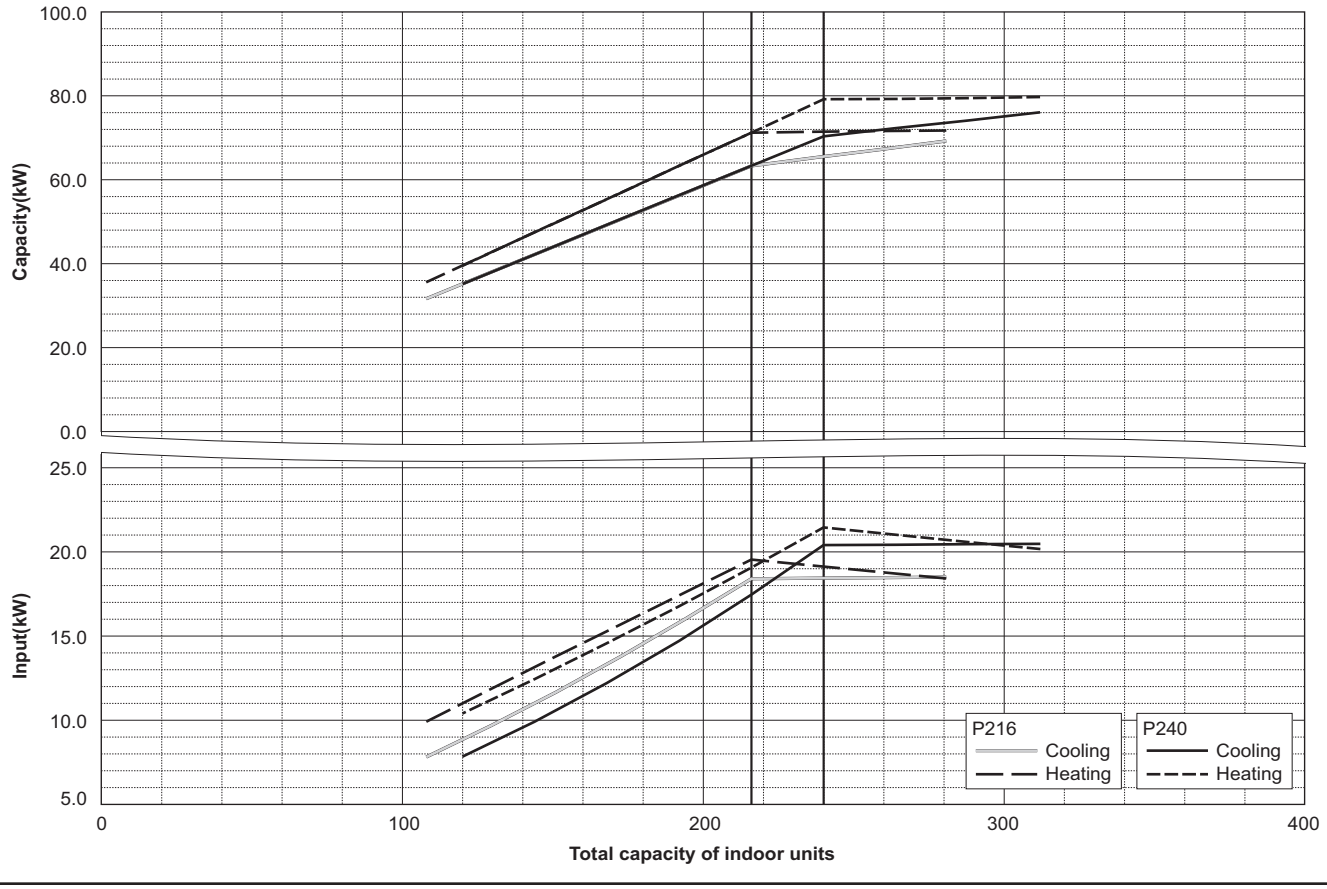


Y

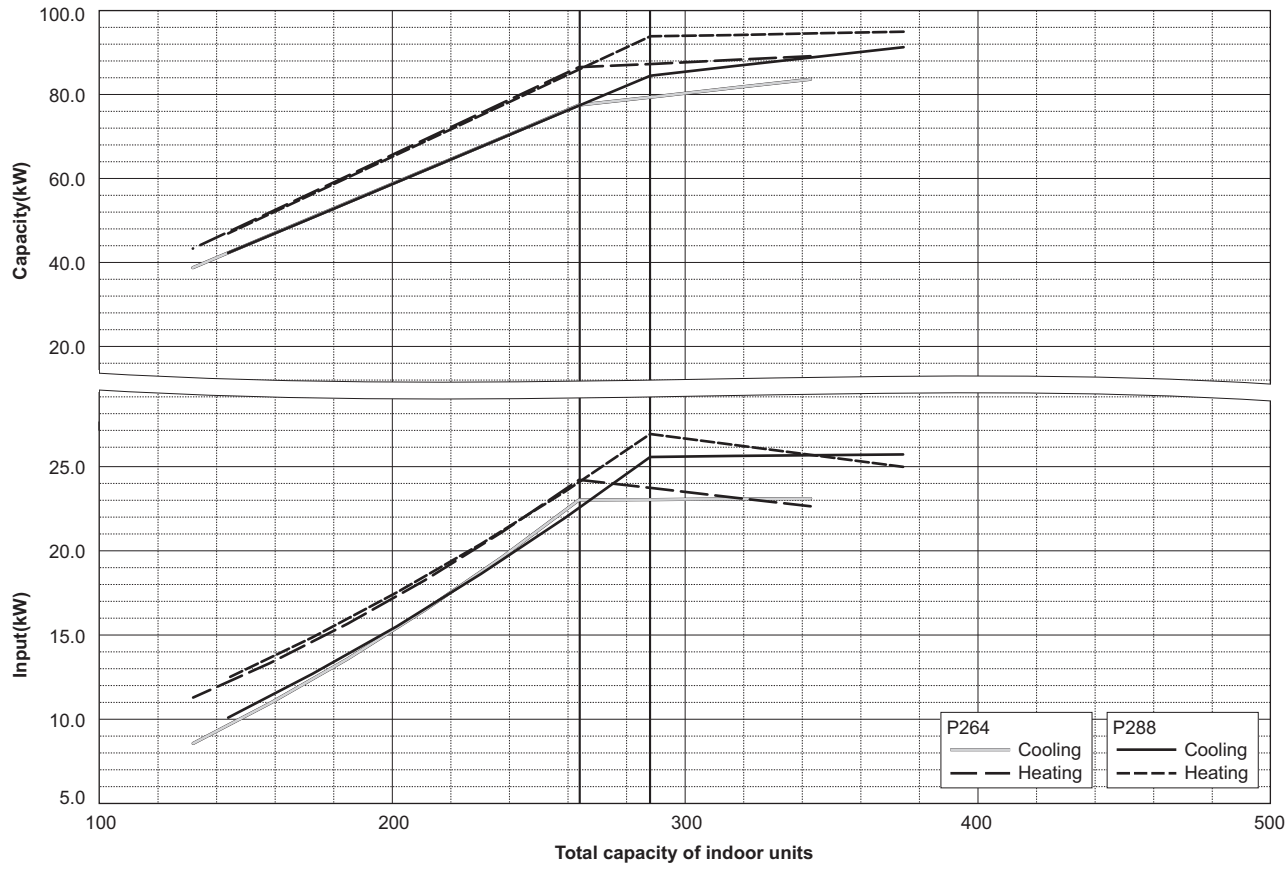
PUHY-P168,192TSJMU/YSJMU



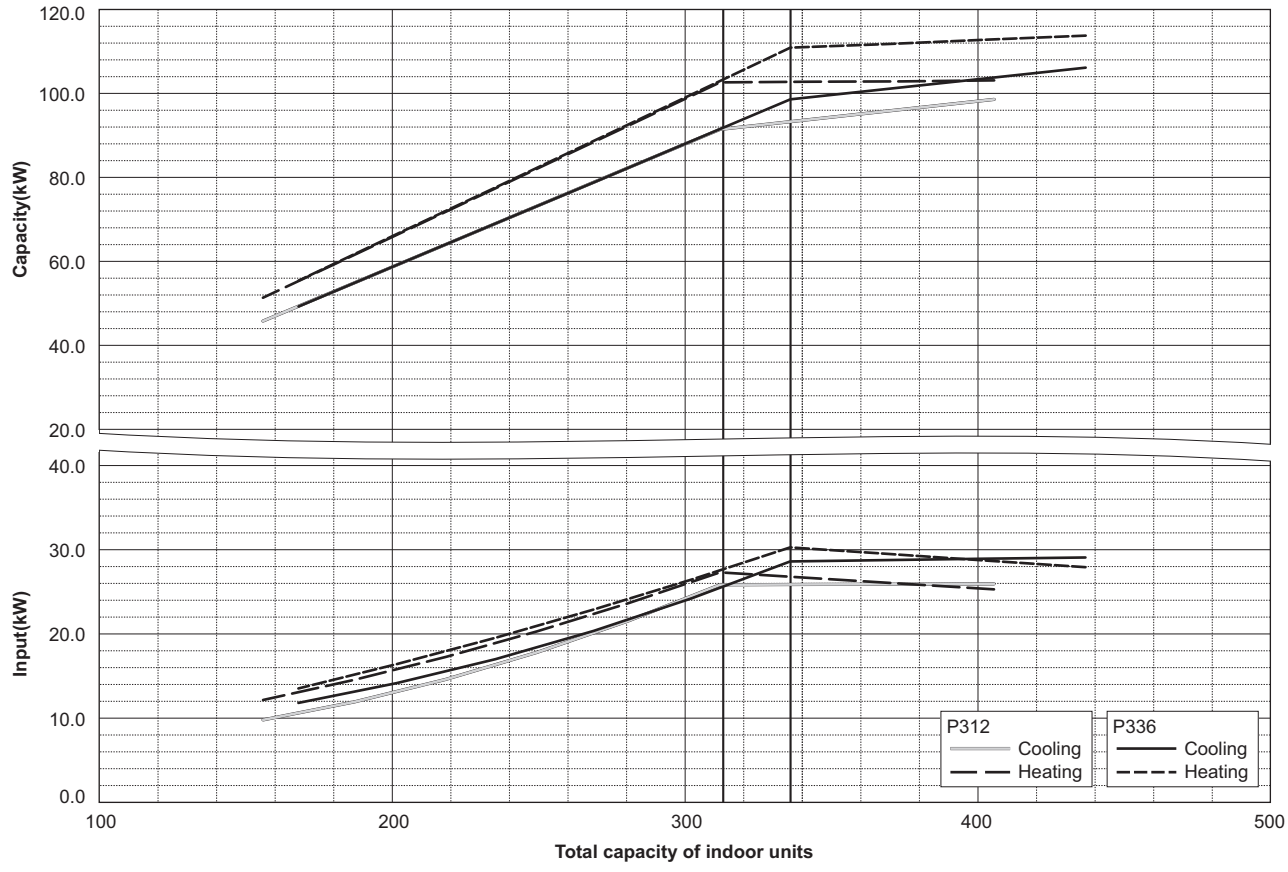
PUHY-P216,240TSJMU/YSJMU



PUHY-P264,288TSJMU/YSJMU

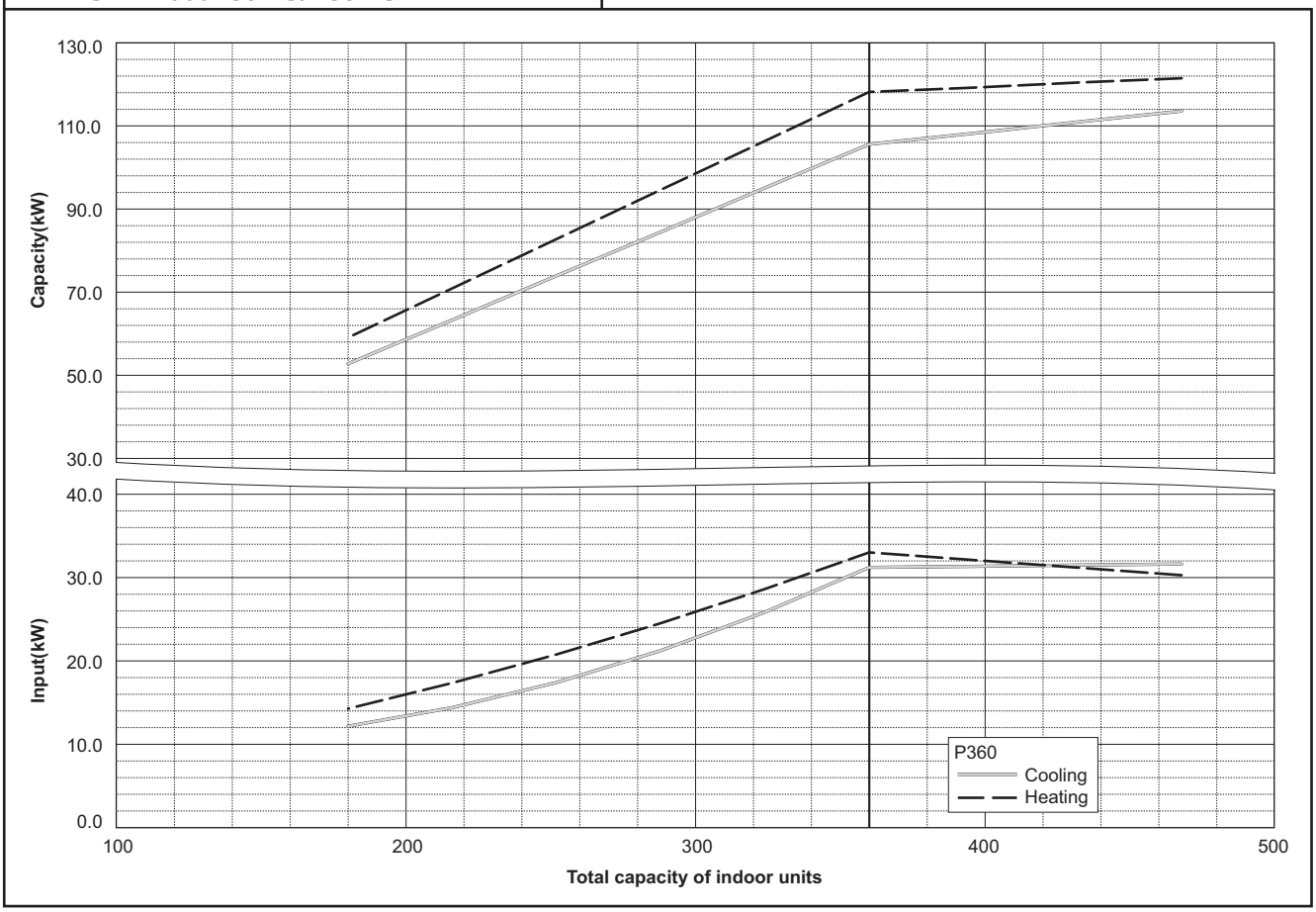


PUHY-P312,336TSJMU/YSJMU

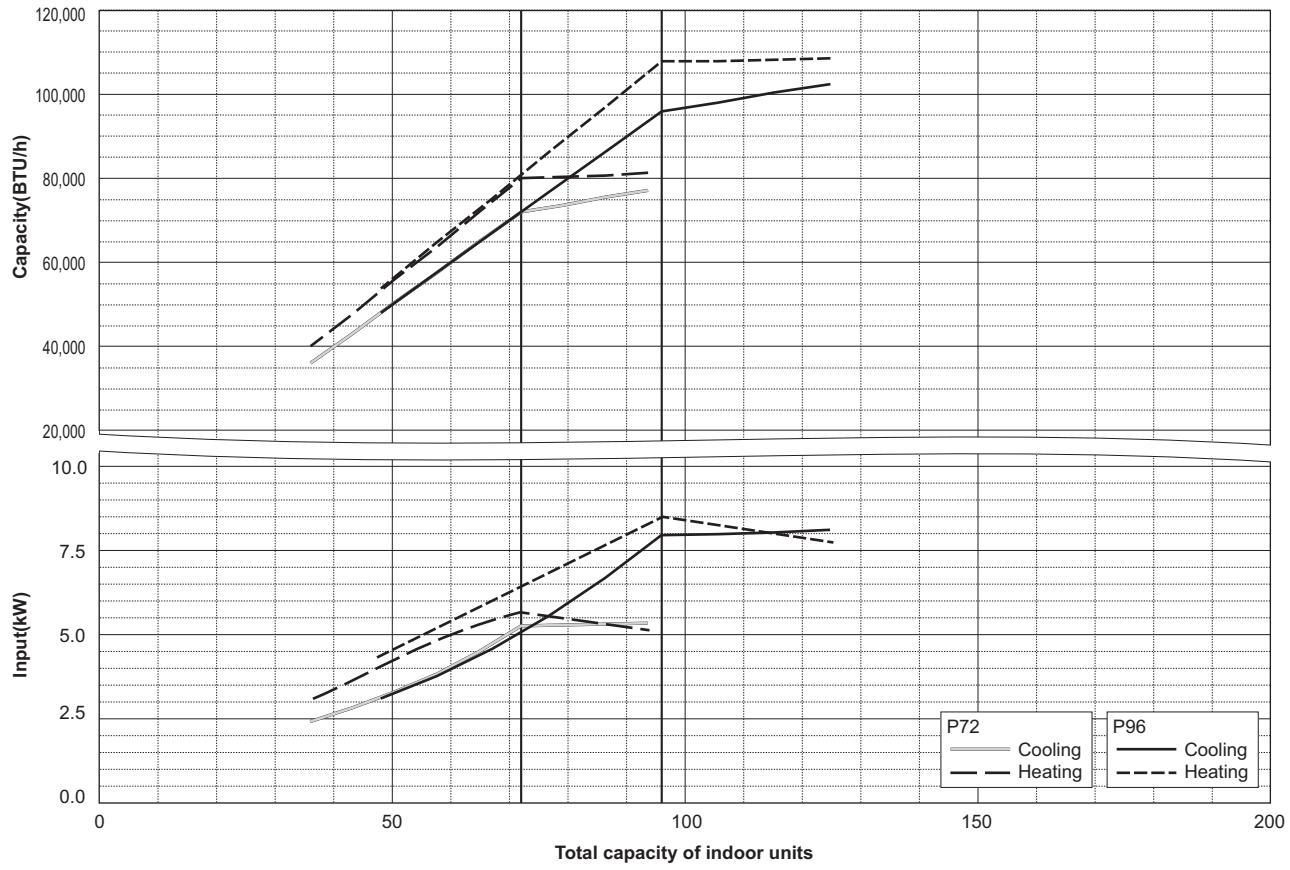


Y

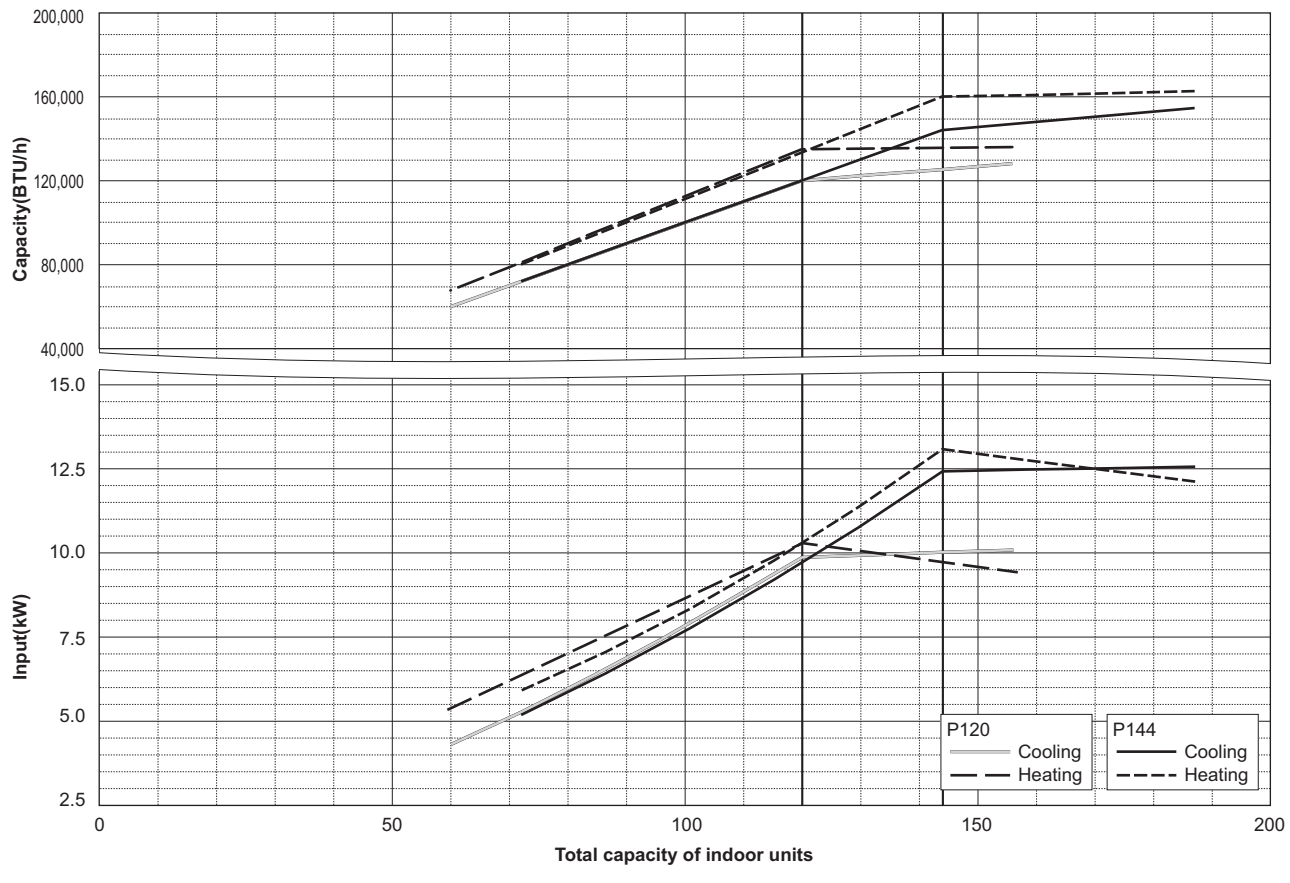
PUHY-P360TSJMU/YSJMU



PUHY-P72,96TJMU/YJMU



PUHY-P120,144TJMU/YJMU



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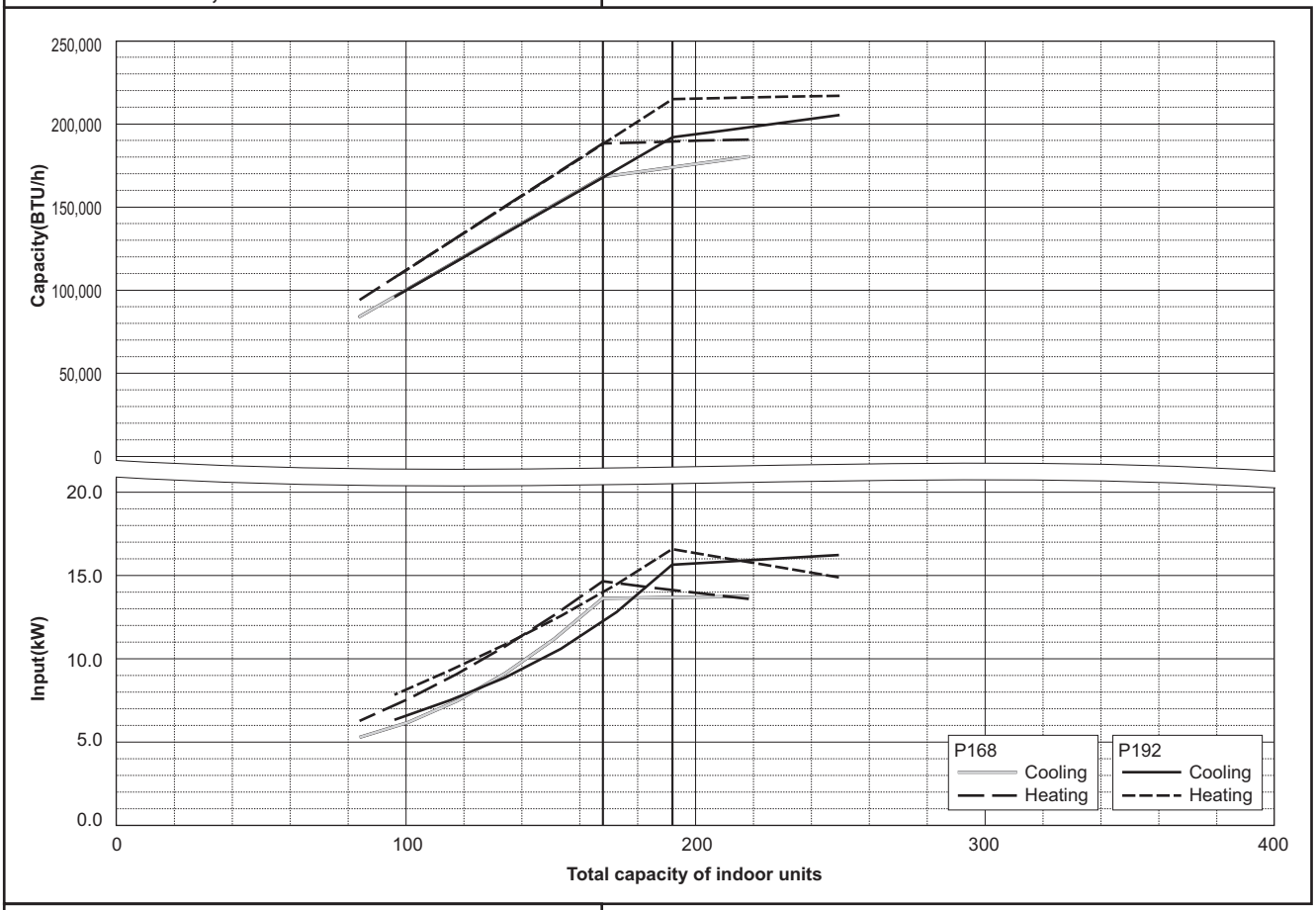
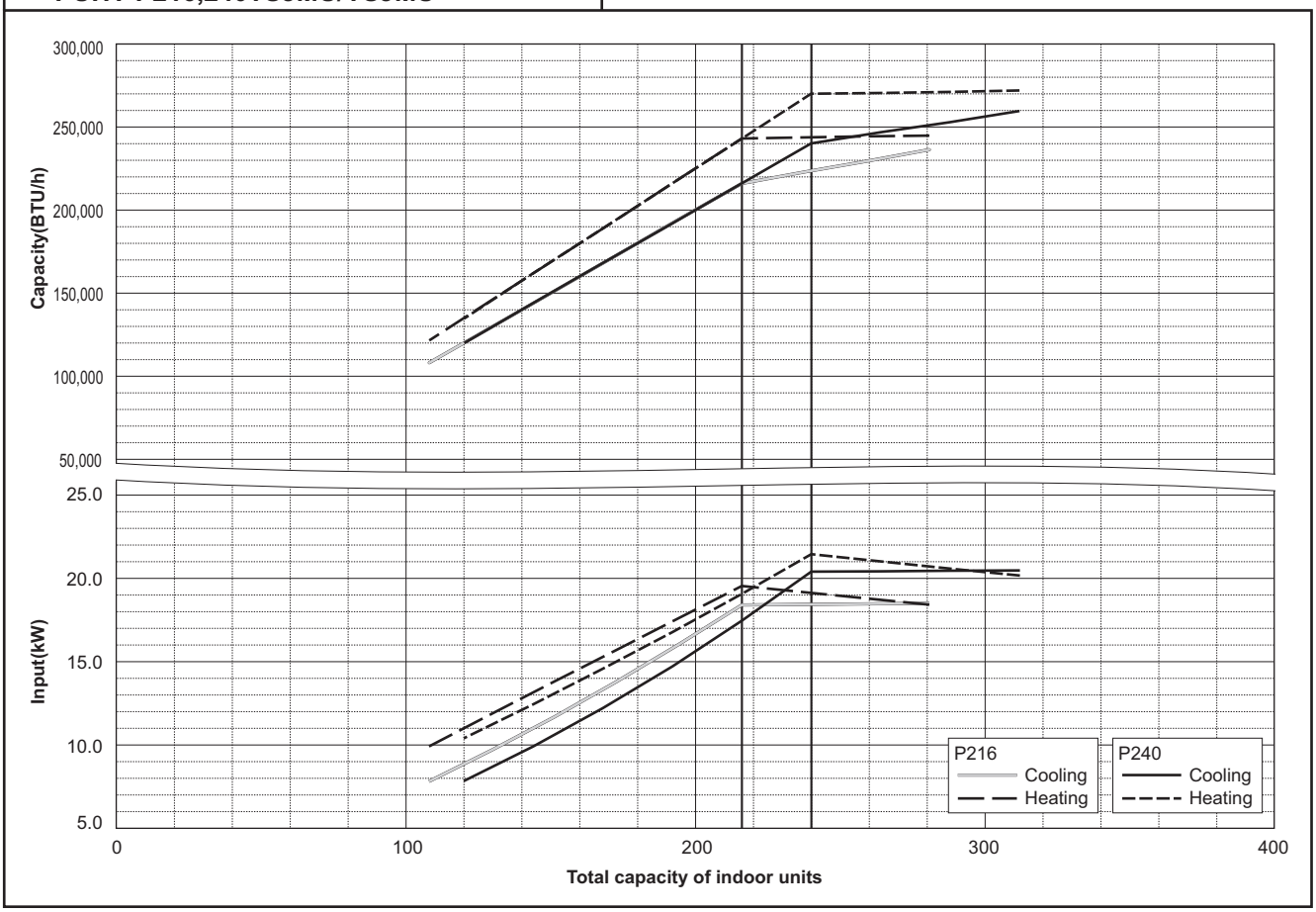
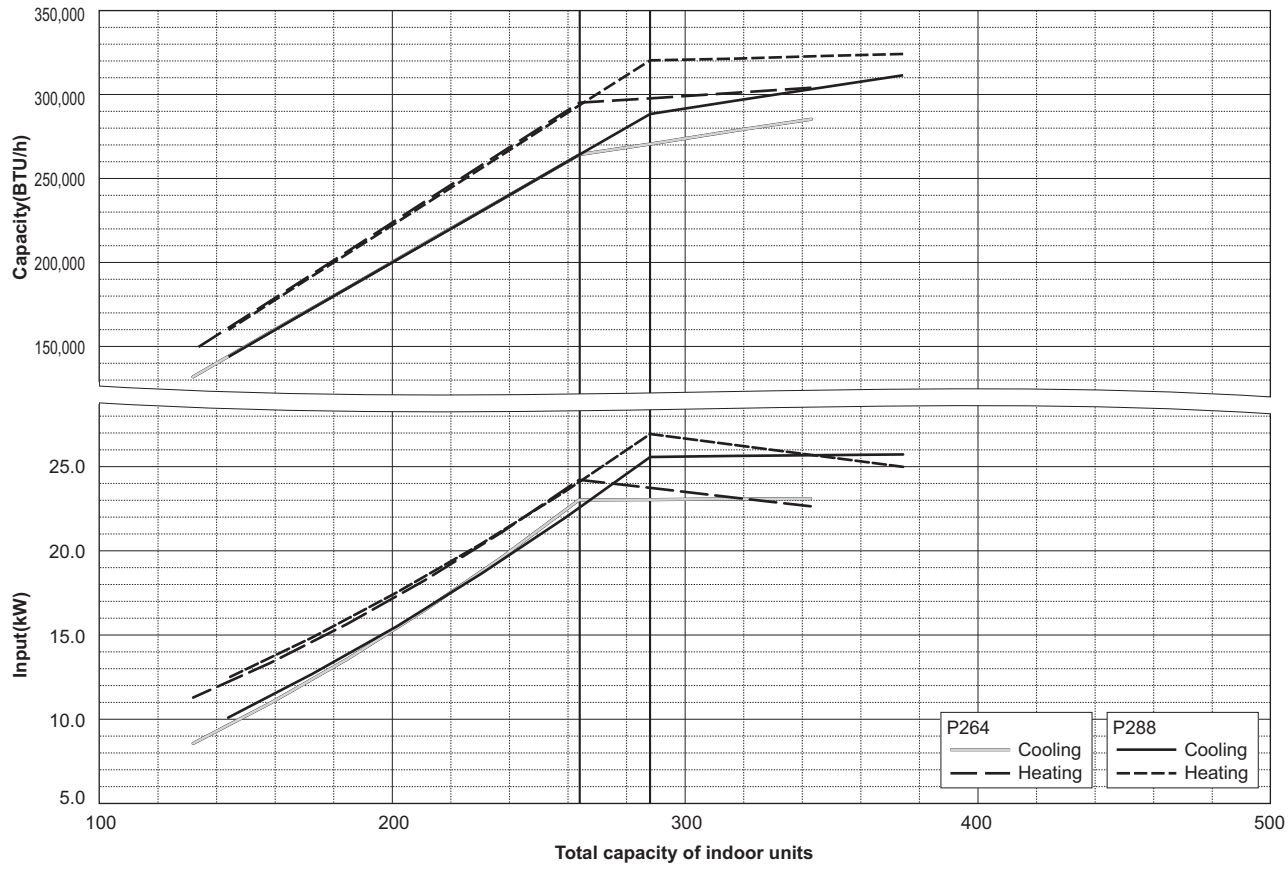
PUHY-P168,192TSJMU/YSJMU



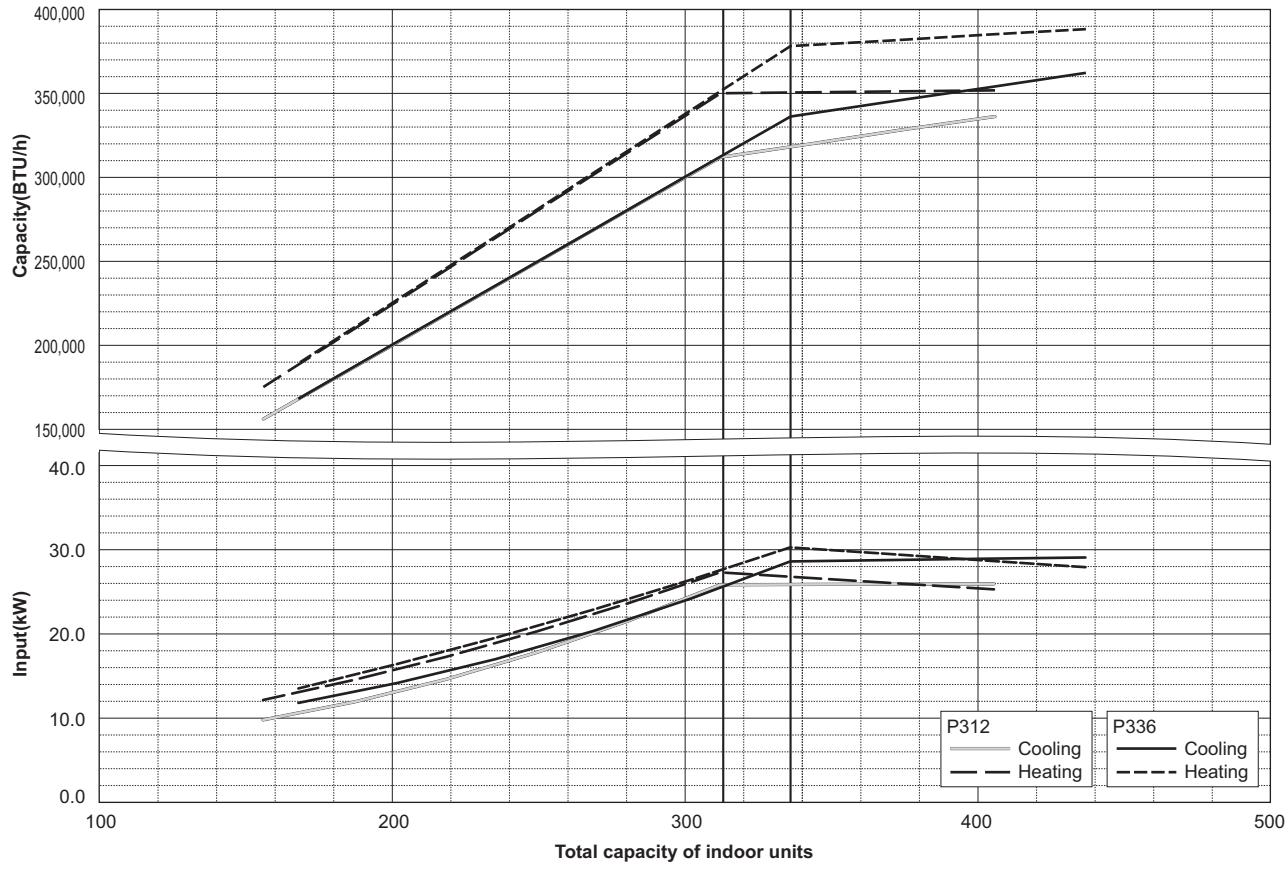
PUHY-P216,240TSJMU/YSJMU



PUHY-P264,288TSJMU/YSJMU

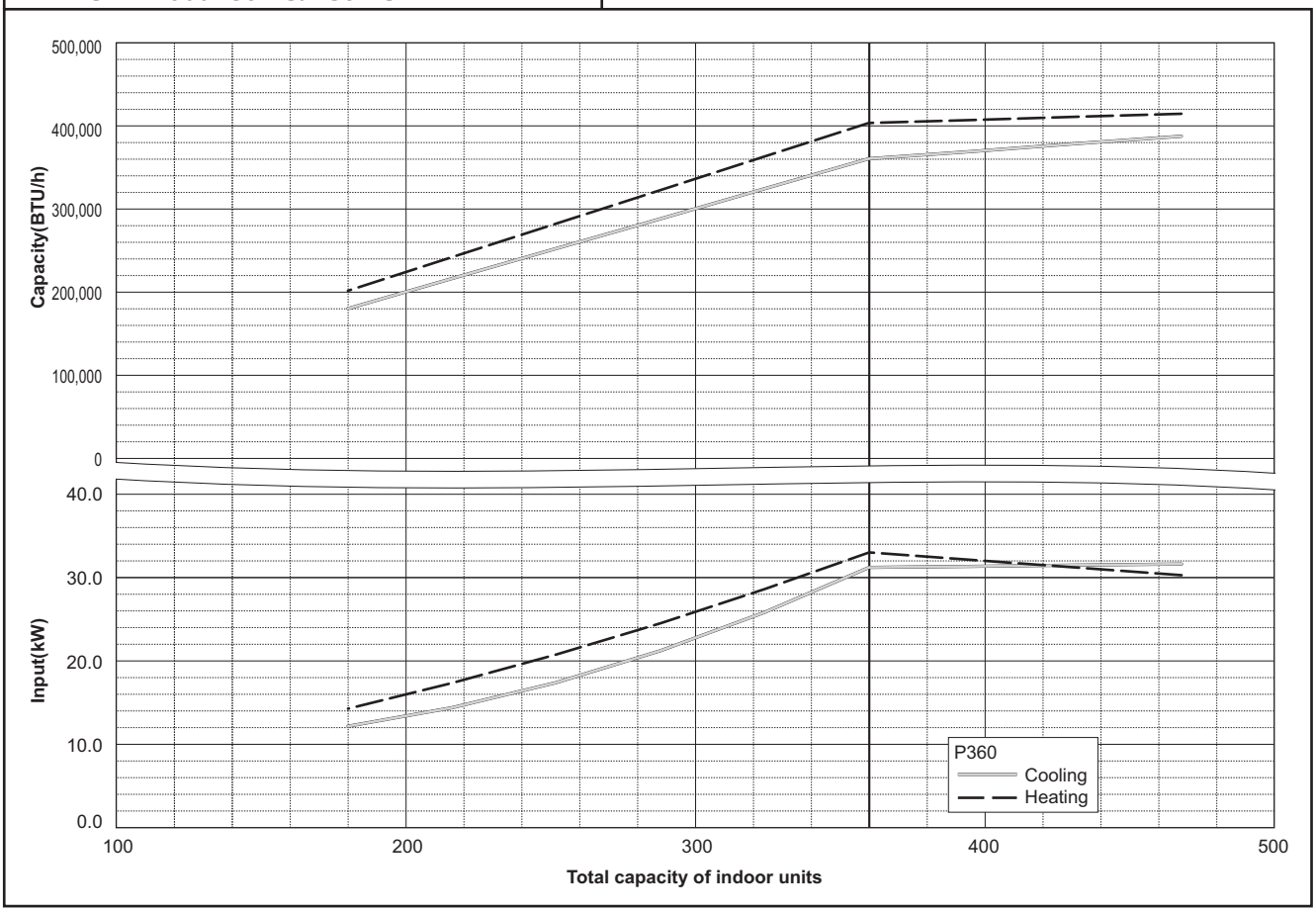


PUHY-P312,336TSJMU/YSJMU



Y

PUHY-P360TSJMU/YSJMU

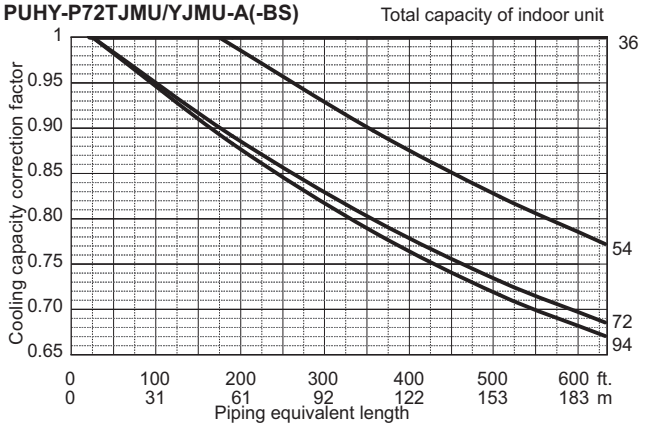


6-3. Correction by refrigerant piping length

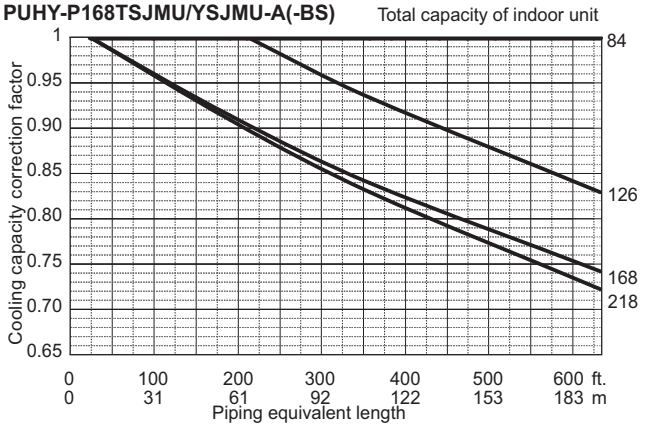
CITY MULTI systems can have extended piping lengths if certain limitations are followed, but cooling/heating capacity could be reduced. Using following correction factor by equivalent piping length shown at 6-3-1 and 6-3-2, capacity can be found. 6-3-3 shows how to obtain the equivalent piping length.

6-3-1. Cooling capacity correction

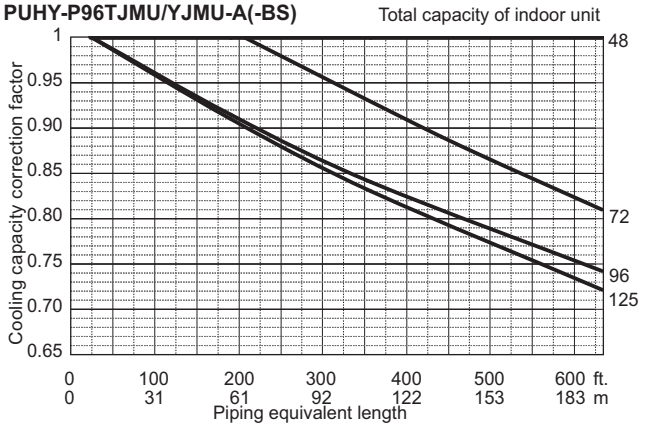
PUHY-P72TJMU/YJMU-A(-BS) Total capacity of indoor unit



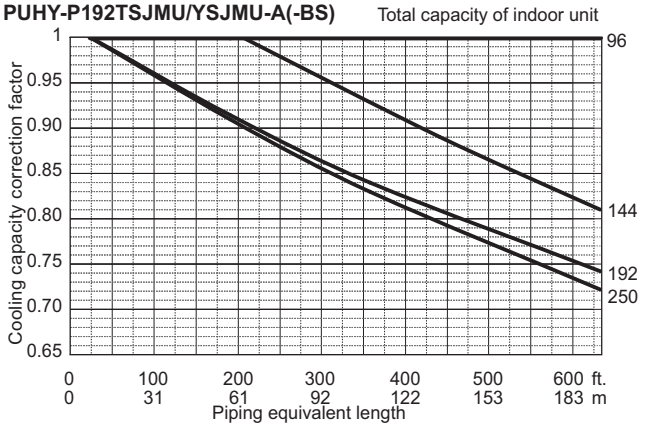
PUHY-P168TSJMU/YSJMU-A(-BS) Total capacity of indoor unit



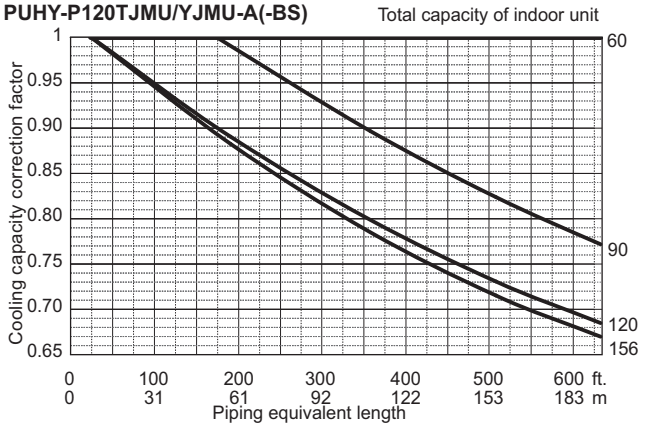
PUHY-P96TJMU/YJMU-A(-BS) Total capacity of indoor unit



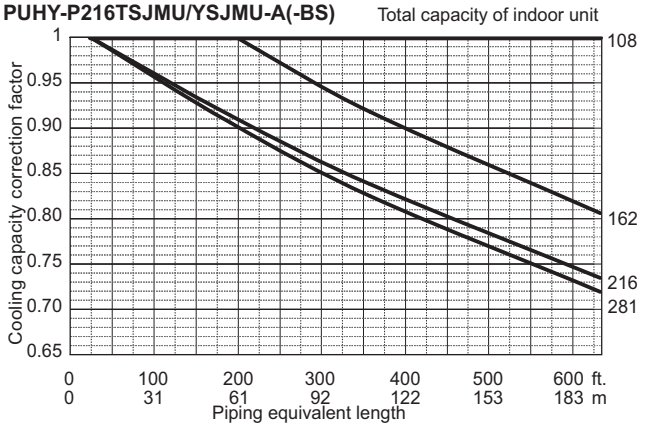
PUHY-P192TSJMU/YSJMU-A(-BS) Total capacity of indoor unit



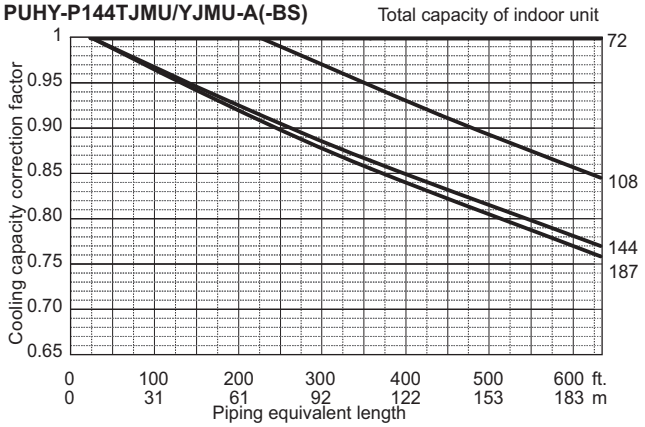
PUHY-P120TJMU/YJMU-A(-BS) Total capacity of indoor unit



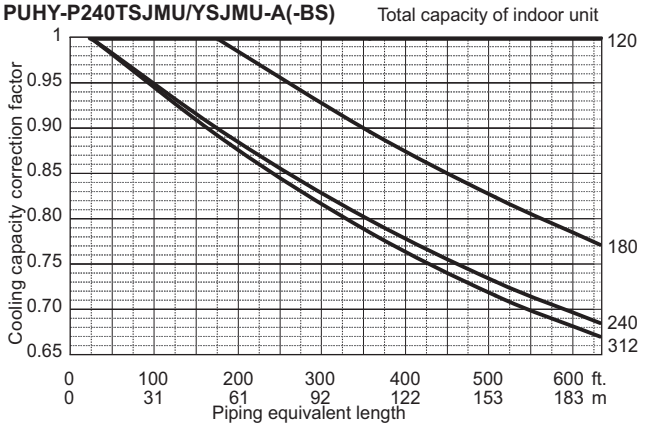
PUHY-P216TSJMU/YSJMU-A(-BS) Total capacity of indoor unit



PUHY-P144TJMU/YJMU-A(-BS) Total capacity of indoor unit

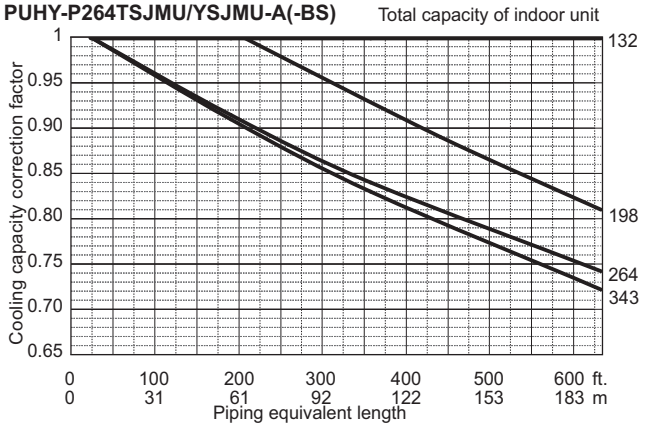


PUHY-P240TSJMU/YSJMU-A(-BS) Total capacity of indoor unit

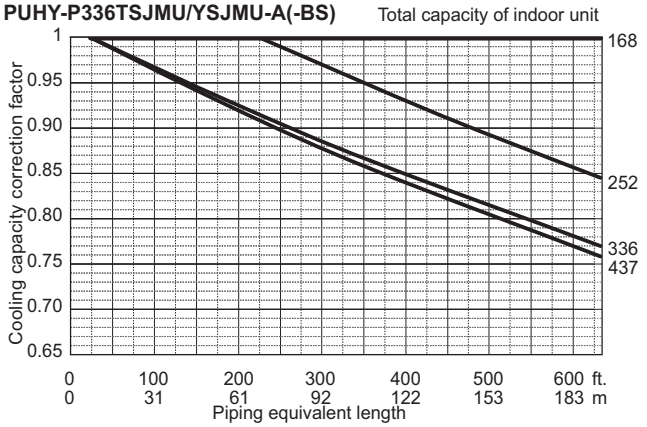


Y

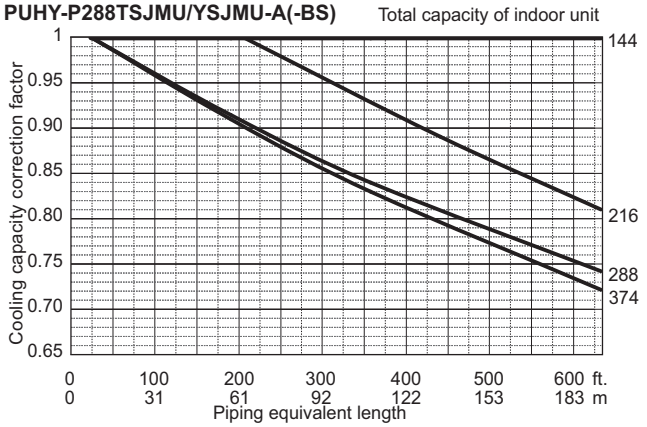
PUHY-P264TSJMU/YSJMU-A(-BS) Total capacity of indoor unit



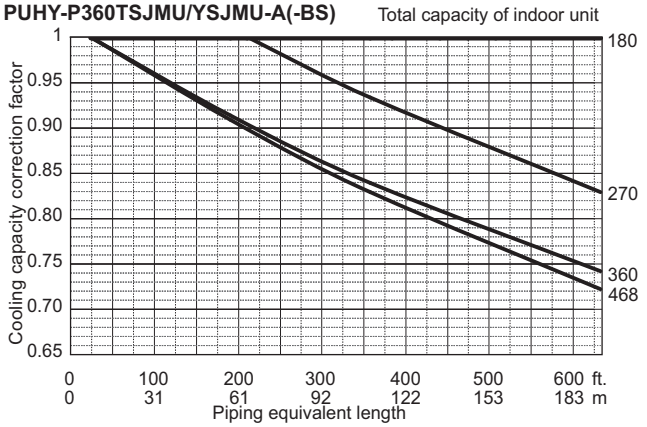
PUHY-P336TSJMU/YSJMU-A(-BS) Total capacity of indoor unit



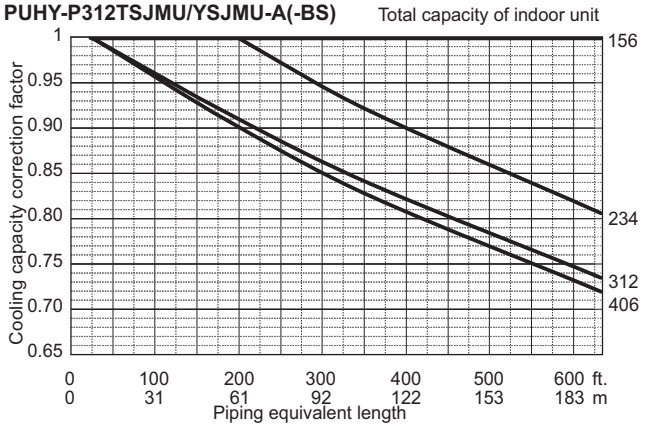
PUHY-P288TSJMU/YSJMU-A(-BS) Total capacity of indoor unit



PUHY-P360TSJMU/YSJMU-A(-BS) Total capacity of indoor unit

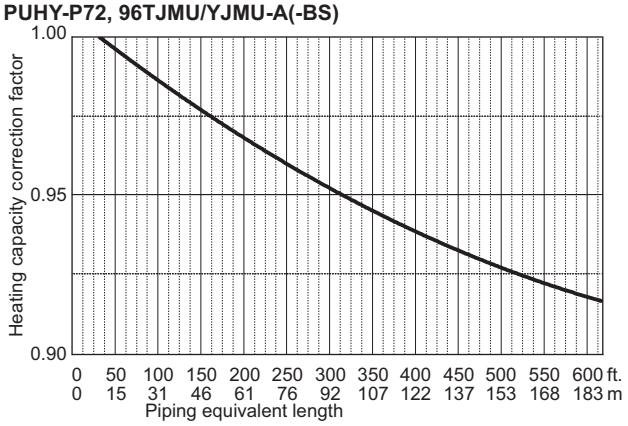


PUHY-P312TSJMU/YSJMU-A(-BS) Total capacity of indoor unit

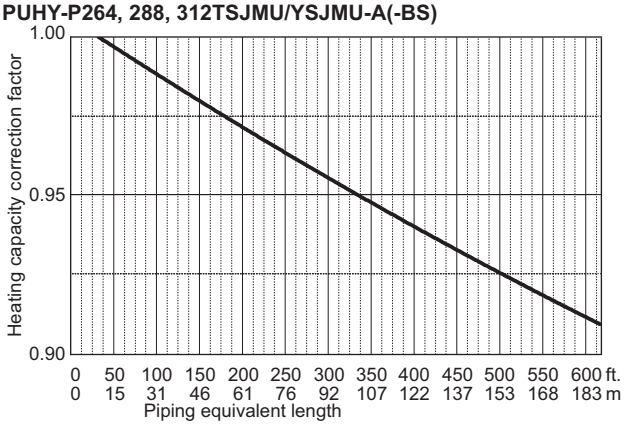


6-3-2. Heating capacity correction

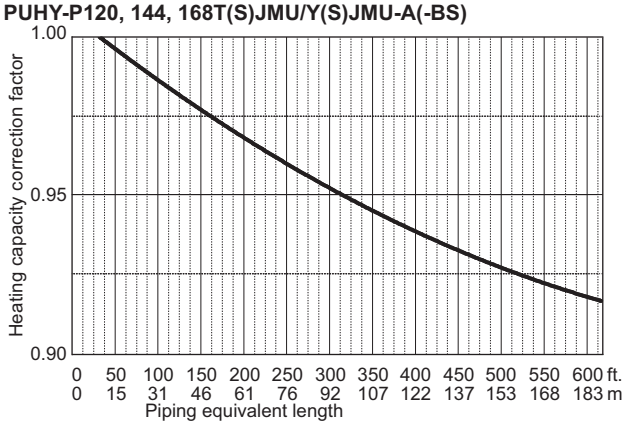
PUHY-P72, 96TJMU/YJMU-A(-BS)



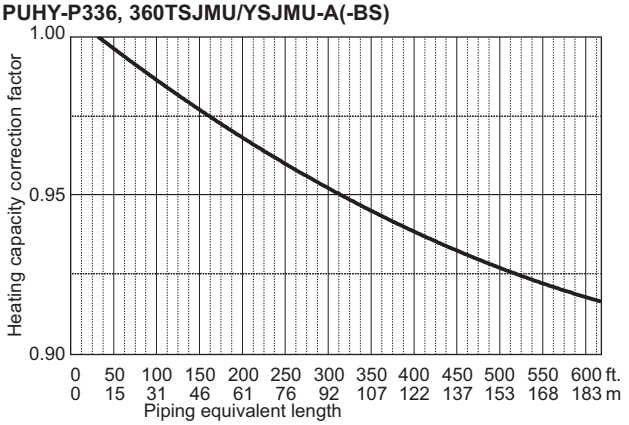
PUHY-P264, 288, 312TSJMU/YSJMU-A(-BS)



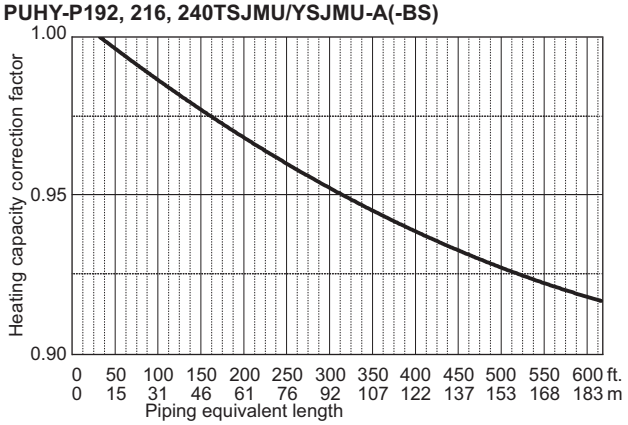
PUHY-P120, 144, 168T(S)JMU/Y(S)JMU-A(-BS)



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



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



6-3-3. 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 bent on the piping) [ft.]
Equivalent length = (Actual piping length to the farthest indoor unit) + (0.35 x number of bent on the piping) [m]

2. PUHY-P96, 120TJMU/YJMU

Equivalent length = (Actual piping length to the farthest indoor unit) + (1.38 x number of bent on the piping) [ft.]
Equivalent length = (Actual piping length to the farthest indoor unit) + (0.42 x number of bent on 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 bent on the piping) [ft.]
Equivalent length = (Actual piping length to the farthest indoor unit) + (0.50 x number of bent on the piping) [m]

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

Equivalent length = (Actual piping length to the farthest indoor unit) + (2.30 x number of bent on the piping) [ft.]
Equivalent length = (Actual piping length to the farthest indoor unit) + (0.70 x number of bent on the piping) [m]

5. PUHY-P336, 360TSJMU/YSJMU

Equivalent length = (Actual piping length to the farthest indoor unit) + (2.63 x number of bent on the piping) [ft.]
Equivalent length = (Actual piping length to the farthest indoor unit) + (0.80 x number of bent on the piping) [m]

6-4. Correction at frost and defrost

Due to frost at the outdoor heat exchanger and the automatic defrost operation, the heating capacity of the outdoor unit can be calculated by multiplying the correction factor shown in the table below.

Table of correction factor at frost and defrost

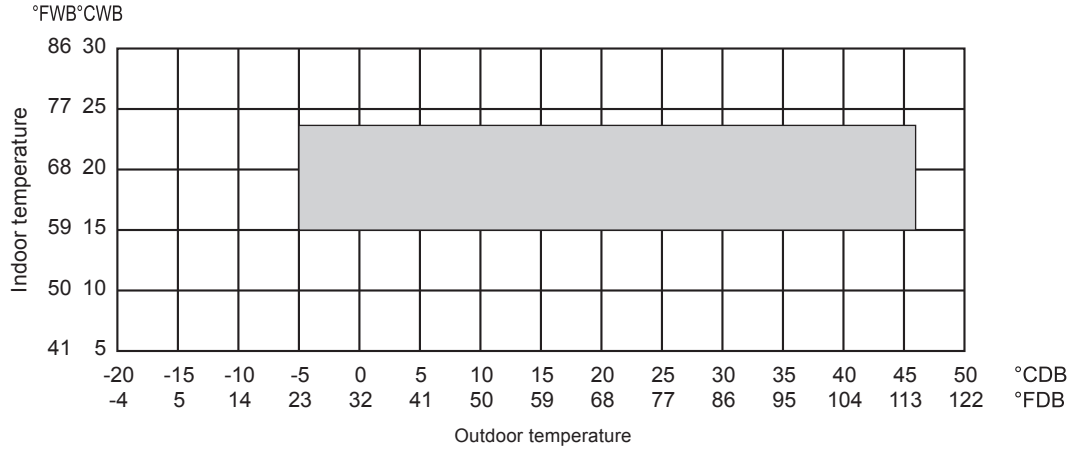
Outdoor inlet air temp. °C	6	4	2	1	0	-2	-4	-6	-8	-10	-20
Outdoor inlet air temp. °F	43	39	36	34	32	28	25	21	18	14	-4
PUHY-P72TJMU-A (-BS)	1.00	0.95	0.84	0.83	0.83	0.87	0.90	0.95	0.95	0.95	0.95
PUHY-P96TJMU-A (-BS)	1.00	0.95	0.84	0.83	0.83	0.87	0.90	0.95	0.95	0.95	0.95
PUHY-P120TJMU-A (-BS)	1.00	0.93	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 above.
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 above : K_0
Partial load factor : A

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

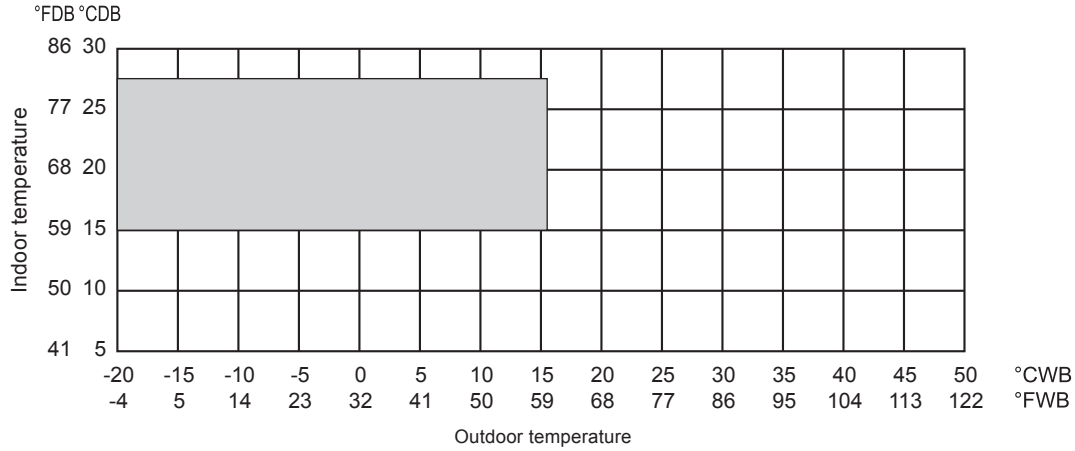
6-5. Operation temperature range

• Cooling



* The operation temperature of outdoor unit is limited into 0~43°CDB(32~109°FDB) when the outdoor unit is installed in a location that is positioned lower than the indoor units.

• Heating



Ref.: tr-ygm-y

7-1. JOINT

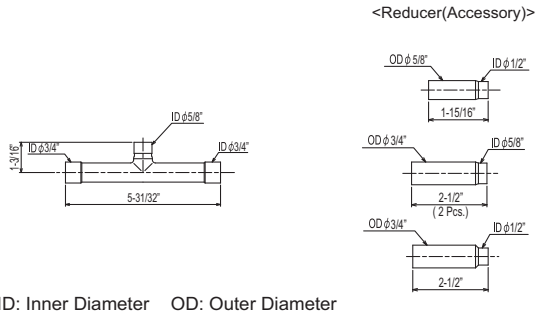
CITY MULTI piping can be installed easily with joints and headers provided by MITSUBISHI ELECTRIC CORP.
For PUHY-P-T(S)JMU/Y(S)JMU, four sets of joints are available. Details for installing the joint sets are found in System Design 3, or their own Installation Manual.

Y

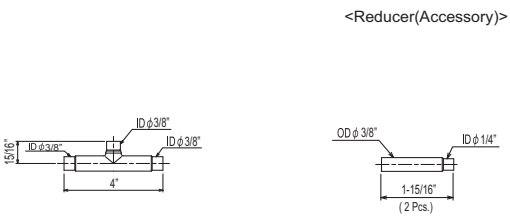
CMY-Y102S-G2

Ref.: CMY_Y102S_G2_EXD_EUDB_SI
in.

For Gas pipe:



For Liquid pipe:

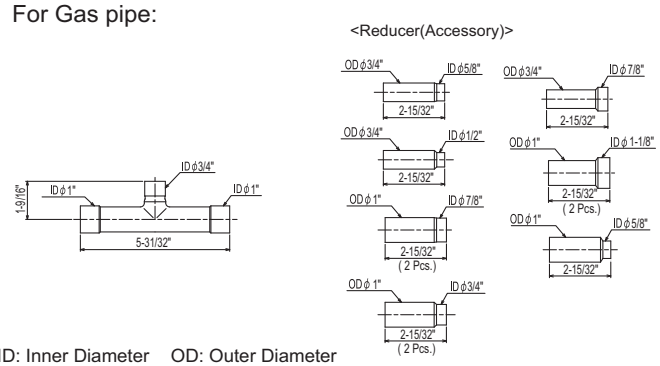


ID: Inner Diameter OD: Outer Diameter

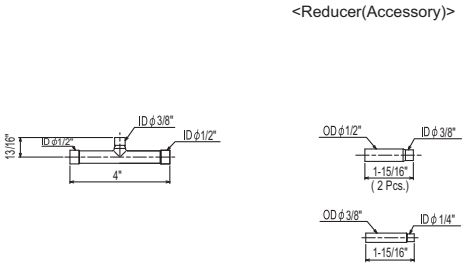
CMY-Y102L-G2

Ref.: CMY_Y102L_G2_EXD_EUDB_SI
in.

For Gas pipe:



For Liquid pipe:

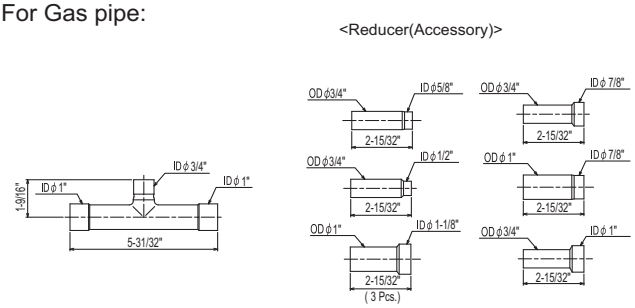


ID: Inner Diameter OD: Outer Diameter

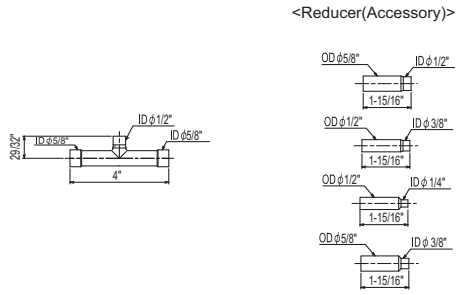
CMY-Y202-G2

Ref.: CMY_Y202_G2_EXD_EUDB_SI
in.

For Gas pipe:



For Liquid pipe:

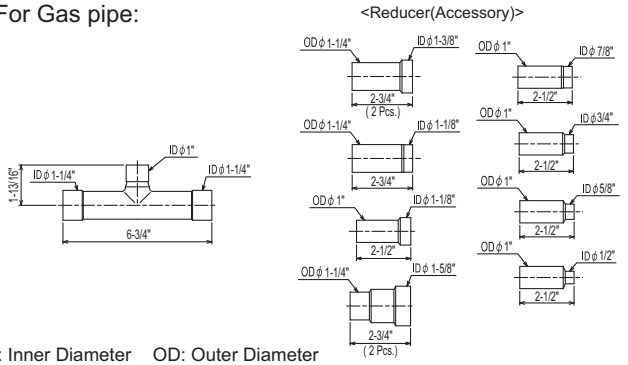


ID: Inner Diameter OD: Outer Diameter

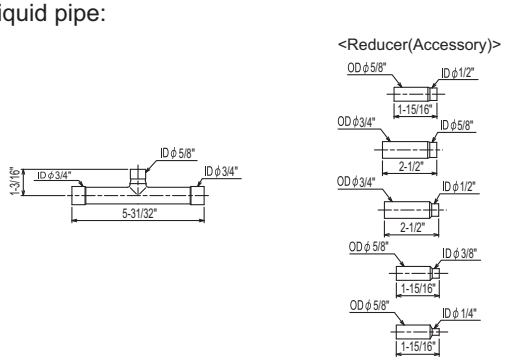
CMY-Y302-G2

Ref.: CMY_Y302_G2_EXD_EUDB_SI
in.

For Gas pipe:



For Liquid pipe:

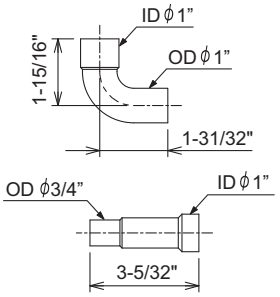


ID: Inner Diameter OD: Outer Diameter

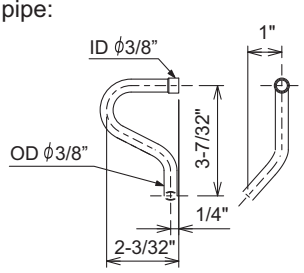
CMY-YS100UEB <PUHY-P72TJMU/YJMU>

in.

For Gas pipe:



For Liquid pipe:

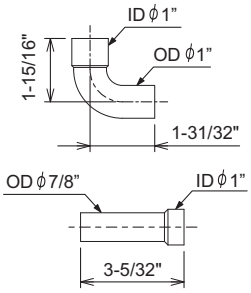


ID:Inner Diameter OD:Outer Diameter

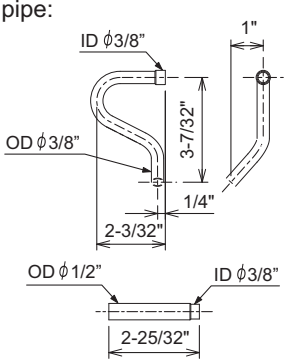
CMY-YS200UEB <PUHY-P96TJMU/YJMU>

in.

For Gas pipe:



For Liquid pipe:

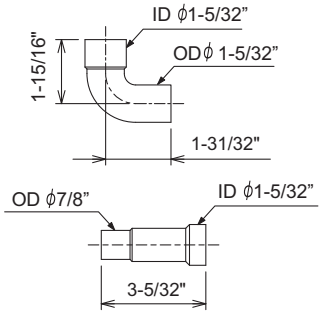


ID:Inner Diameter OD:Outer Diameter

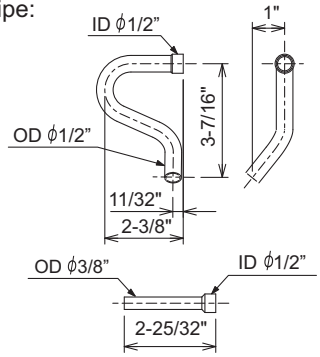
CMY-YS300UEB <PUHY-P120TJMU/YJMU>

in.

For Gas pipe:



For Liquid pipe:

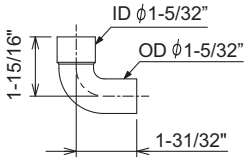


ID:Inner Diameter OD:Outer Diameter

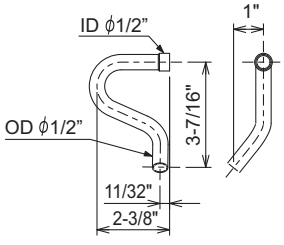
CMY-YS400UEB <PUHY-P144TJMU/YJMU>

in.

For Gas pipe:



For Liquid pipe:



ID: Inner Diameter OD: Outer Diameter

7-2. HEADER

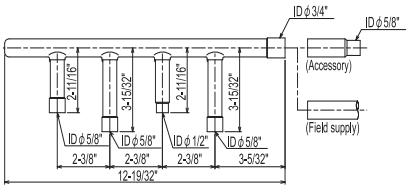
CITY MULTI piping can be installed easily with joints and headers provided by MITSUBISHI ELECTRIC CORP.
For PUHY-P-T(S)JMU/Y(S)JMU, three sets of headers are available. Details for installing the header sets are found in System Design 3, or their own Installation Manual.

Y

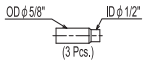
CMY-Y104-G

Ref.: W901636
in.

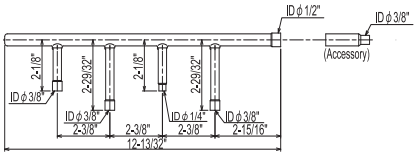
For gas pipe:



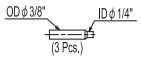
<Reducer(Accessory)>



For liquid pipe:



<Reducer(Accessory)>

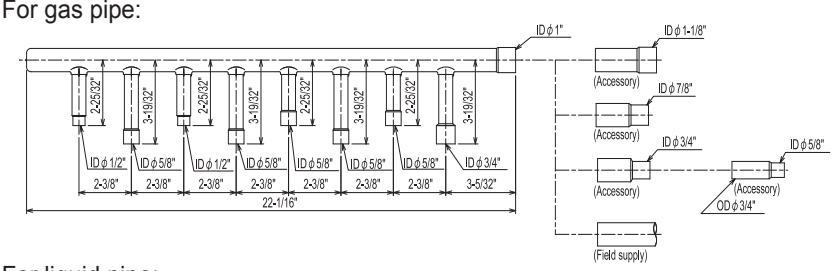


ID: Inner Diameter OD: Outer Diameter
NOTE: Besides above mentioned accessories, caps for φ1/4", φ3/8", φ1/2", φ5/8" pipes (each diameter 1 piece) are included in the Header set.

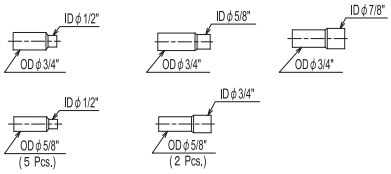
CMY-Y108-G

Ref.: W901637
in.

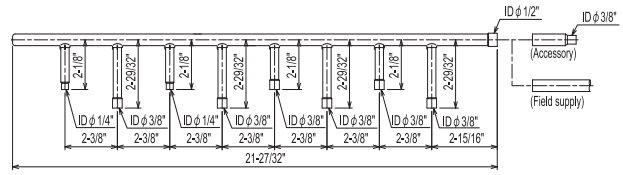
For gas pipe:



<Reducer(Accessory)>



For liquid pipe:



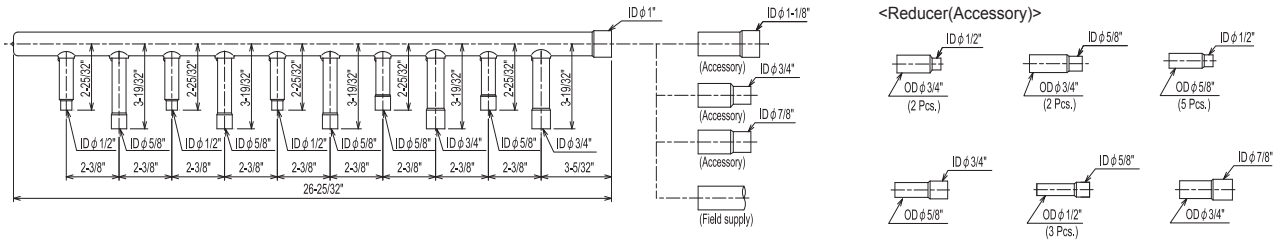
<Reducer(Accessory)>

ID: Inner Diameter OD: Outer Diameter
NOTE: Besides above mentioned accessories, caps for φ1/4", φ3/8", φ1/2", φ5/8" pipes (each diameter 2 pieces) and 1 cap for φ3/4" pipe are included in the Header set.

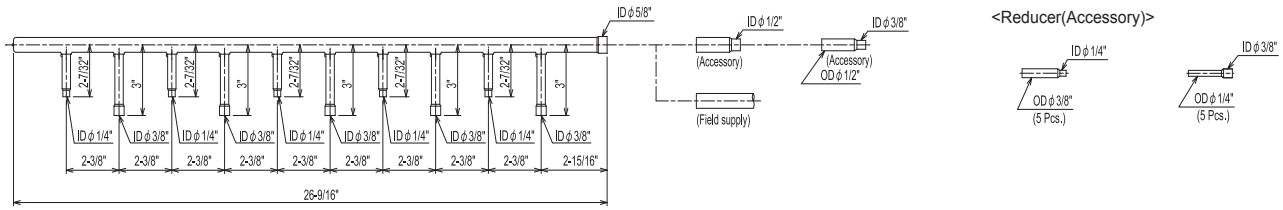
CMY-Y1010-G

Ref.: W901638
in.

For gas pipe:



For liquid pipe:



ID: Inner Diameter OD: Outer Diameter

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

7-3. OUTDOOR TWINNING KIT

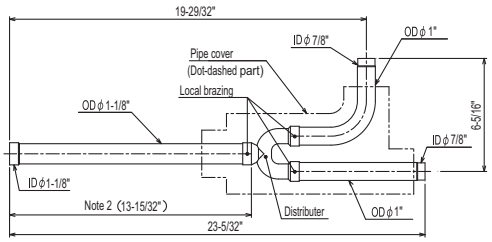
The Outdoor Twinning Kit is needed for PUHY-P-TSJMU/YSJMU to combine to refrigerant flows of the PUHY-P-THMU/YHMU units.

Y

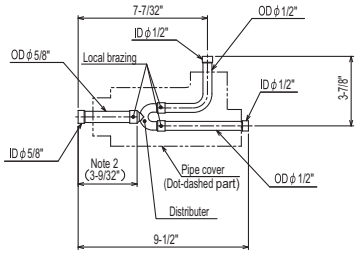
CMY-Y100VBK2

Ref.: CMY_Y100VBK2_EXD_EUDB_SI
in.

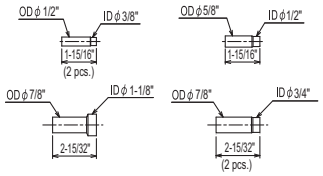
For Gas pipe:



For Liquid pipe:



<Reducer(Accessory)>

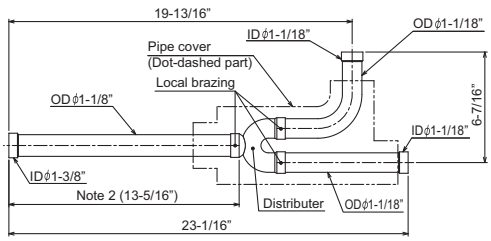


ID: Inner Diameter OD: Outer Diameter

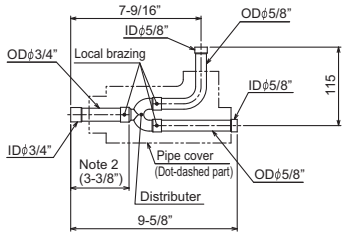
CMY-Y200VBK2

in.

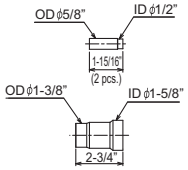
For Gas pipe:



For Liquid pipe:



<Deformed pipe(Accessory)>

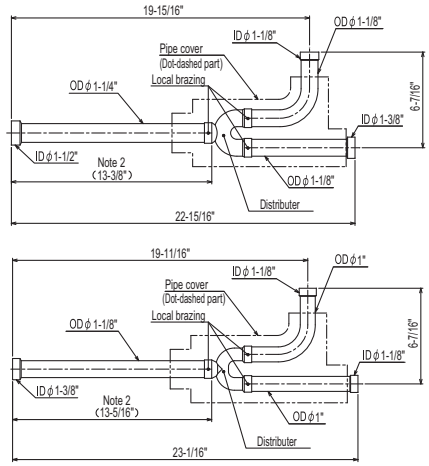


ID: Inner Diameter OD: Outer Diameter

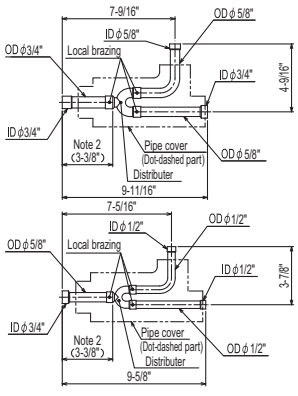
CMY-Y300VBK2

Ref.: CMY_Y300VBK2_EXD_EUDB_SI
in.

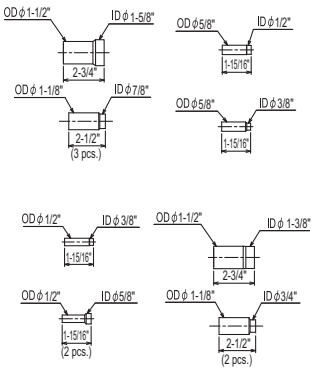
For Gas pipe:



For Liquid pipe:

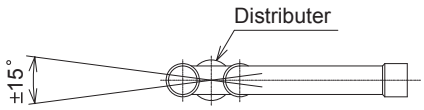


<Reducer(Accessory)>



ID: Inner Diameter OD: Outer Diameter

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



The angle of the branch pipe for hign pressure is within±15° against the horizontal plane.

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