OUTDOOR UNITS

1. SPECIFICATIONS ..... 2 - 26
2. EXTERNAL DIMENSIONS ..... 2 - 53
3. CENTER OF GRAVITY ..... 2 - 84
4. ELECTRICAL WIRING DIAGRAMS ..... 2 - 85
5. SOUND LEVELS ..... 2 - 90
6. CAPACITY TABLES ..... 2 - 97
   6-1. Correction by temperature ..... 2 - 97
   6-2. Correction by total indoor ..... 2 - 111
   6-3. Correction by refrigerant piping length ..... 2 - 118
   6-4. Correction at frost and defrost ..... 2 - 121
   6-5. Operation temperature range ..... 2 - 122
7. OPTIONAL PARTS ..... 2 - 123
   7-1. JOINT ..... 2 - 123
   7-2. HEADER ..... 2 - 124
   7-3. OUTDOOR TWINNING KIT ..... 2 - 126

Outdoor Model				PUHY-P72TKMU-A (-BS)	
Indoor Model				Non-Ducted	Ducted
Power source				3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity		*1	BTU/h	72,000	
(Nominal)			kW	21.1	
	Power input		kW	5.06	
(208-230)	Current input		A	15.6-14.1	
(Rated)			BTU/h	69,000	
			kW	20.2	
	Power input		kW	4.58	4.79
(208-230)	Current input		A	14.1-12.7	14.7-13.3
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	80,000	
(Nominal)			kW	23.4	
	Power input		kW	5.62	
(208-230)	Current input		A	17.3-15.6	
(Rated)			BTU/h	76,000	
			kW	22.3	
	Power input		kW	5.04	5.36
(208-230)	Current input		A	15.5-14.0	16.5-14.9
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~P72/1~15	
Sound pressure level (measured in anechoic room)			dB <A>	58.0	
Refrigerant	Liquid pipe		in. (mm)	3/8 (9.52) Brazed	
piping diameter	Gas pipe		in. (mm)	7/8 (22.2) Brazed	
Minimum Circuit Ampacity			A	25-23	
Maximum Overcurrent Protection			A	42-38	
FAN	Type x Quantity			Propeller fan x 1	
	Airflow rate		cfm	6,200	
			m^3/min	175	
			L/s	2,920	
	Control, Driving mechanism			Inverter-control, Brushless DC motor	
	Motor output		kW	0.92	
	*3 External static press.			0 in.WG (0 Pa)	
Compressor	Type x Quantity			Inverter scroll hermetic compressor x 1	
	Manufacture			AC&R Works, MITSUBISHI ELECTRIC CORPORATION	
	Starting method			Inverter	
	Motor output		kW	5.5 x 1	
	Case heater		kW	-	
	Lubricant			MEL32	
External finish				Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D			in.	64-31/32 x 36-1/4 x 29-5/32	
			mm	1,650 x 920 x 740	
Protection devices	High pressure protection			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)			Over-current protection	
	Fan motor			Thermal switch	
Refrigerant	Type x original charge			R410A x 19 lbs + 13 oz (9.0 kg)	
	Control			LEV and HIC circuit	
Net weight			lbs (kg)	430 (195)	
Heat exchanger				Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)				Copper pipe, tube-in-tube structure	
Defrosting method				Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External			KD94R319	
	Wiring			KE94C645	
Standard	Document			Installation Manual	
attachment	Accessory			Details refer to External Drw	
Optional parts				joint: CMY-Y102SS-G2 Header: CMY-Y104/108/1010C-G	
Remarks				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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model				PUHY-P96TKMU-A (-BS)	
Indoor Model				Non-Ducted	Ducted
Power source				3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity (Nominal)		*1	BTU/h	96,000	
			kW	28.1	
	Power input		kW	7.00	
(208-230)	Current input		A	21.5-19.5	
(Rated)			BTU/h	92,000	
			kW	27.0	
	Power input		kW	6.35	6.62
(208-230)	Current input		A	19.5-17.7	20.4-18.4
Temp. range of cooling	Indoor		W.B.	59~75°F (15~24°C)	
	Outdoor		D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)		*2	BTU/h	108,000	
			kW	31.7	
	Power input		kW	7.47	
(208-230)	Current input		A	23.0-20.8	
(Rated)			BTU/h	103,000	
			kW	30.2	
	Power input		kW	6.79	7.04
(208-230)	Current input		A	20.9-18.9	21.7-19.6
Temp. range of heating	Indoor		D.B.	59~81°F (15~27°C)	
	Outdoor		W.B.	-4~60°F (-20~15.5°C)	
Indoor unit	Total capacity			50~130% of outdoor unit capacity	
	Model/Quantity			P06~P96/1~20	
Sound pressure level (measured in anechoic room)			dB <A>	58.0	
Refrigerant piping diameter	Liquid pipe		in. (mm)	3/8 (9.52) Brazed (1/2 (12.7) Brazed, the farthest pipe length >= 90 m)	
	Gas pipe		in. (mm)	7/8 (22.2) Brazed	
Minimum Circuit Ampacity			A	34-31	
Maximum Overcurrent Protection			A	57-52	
FAN	Type x Quantity			Propeller fan x 1	
	Airflow rate		cfm	6,200	
			m^3/min	175	
			L/s	2,920	
	Control, Driving mechanism			Inverter-control, Brushless DC motor	
	Motor output		kW	0.92	
*3	External static press.			0 in.WG (0 Pa)	
Compressor	Type x Quantity			Inverter scroll hermetic compressor x 1	
	Manufacture			AC&R Works, MITSUBISHI ELECTRIC CORPORATION	
	Starting method			Inverter	
	Motor output		kW	7.1 x 1	
	Case heater		kW	-	
	Lubricant			MEL32	
External finish				Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D			in.	64-31/32 x 48-1/16 x 29-5/32	
			mm	1,650 x 1,220 x 740	
Protection devices	High pressure protection			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)			Over-current protection	
	Fan motor			Thermal switch	
Refrigerant	Type x original charge			R410A x 25 lbs + 6 oz (11.5 kg)	
	Control			LEV and HIC circuit	
Net weight			lbs (kg)	532 (241)	
Heat exchanger				Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)				Copper pipe, tube-in-tube structure	
Defrosting method				Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External			KD94R320	
	Wiring			KE94C647	
Standard attachment	Document			Installation Manual	
	Accessory			Details refer to External Drw	
Optional parts				joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010C-G	
Remarks				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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model			PUHY-P120TKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity *1		BTU/h	120,000	
(Nominal)		kW	35.2	
	Power input	kW	9.09	
(208-230)	Current input	A	28.0-25.3	
(Rated)		BTU/h	114,000	
		kW	33.4	
	Power input	kW	8.56	8.27
(208-230)	Current input	A	26.4-23.8	25.5-23.0
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	135,000	
(Nominal)		kW	39.6	
	Power input	kW	10.28	
(208-230)	Current input	A	31.7-28.6	
(Rated)		BTU/h	129,000	
		kW	37.8	
	Power input	kW	9.46	9.57
(208-230)	Current input	A	29.1-26.3	29.5-26.6
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~P96/1~26	
Sound pressure level (measured in anechoic room)		dB <A>	60.0	
Refrigerant	Liquid pipe	in. (mm)	3/8 (9.52) Brazed (1/2 (12.7) Brazed, the farthest pipe length >= 40 m)	
piping diameter	Gas pipe	in. (mm)	1-1/8 (28.58) Brazed	
Minimum Circuit Ampacity		A	45-42	
Maximum Overcurrent Protection		A	73-67	
FAN	Type x Quantity		Propeller fan x 2	
	Airflow rate	cfm	11,300	
		m^3/min	320	
		L/s	5,330	
	Control, Driving mechanism		Inverter-control, Brushless DC motor	
	Motor output	kW	0.92+0.92	
*3	External static press.		0 in.WG (0 Pa)	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	
	Starting method		Inverter	
	Motor output	kW	8.1 x 1	
	Case heater	kW	-	
	Lubricant		MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D		in.	64-31/32 x 68-29/32 x 29-5/32	
		mm	1,650 x 1,750 x 740	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection	
	Fan motor		Thermal switch	
Refrigerant	Type x original charge		R410A x 26 lbs + 1 oz (11.8 kg)	
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	697 (316)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KD94R321	
	Wiring		KE94C649	
Standard	Document		Installation Manual	
attachment	Accessory		Details refer to External Drw	
Optional parts			joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010C-G	
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

Outdoor Model			PUHY-P144TKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity *1		BTU/h	144,000	
(Nominal)		kW	42.2	
	Power input	kW	11.84	
(208-230)	Current input	A	36.5-33.0	
(Rated)		BTU/h	137,000	
		kW	40.2	
	Power input	kW	11.13	10.79
(208-230)	Current input	A	34.3-31.0	33.2-30.0
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	160,000	
(Nominal)		kW	46.9	
	Power input	kW	12.47	
(208-230)	Current input	A	38.4-34.7	
(Rated)		BTU/h	152,000	
		kW	44.5	
	Power input	kW	11.49	11.61
(208-230)	Current input	A	35.4-32.0	35.8-32.3
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~P96/1~31	
Sound pressure level (measured in anechoic room)		dB <A>	61.0	
Refrigerant	Liquid pipe	in. (mm)	1/2 (12.7) Brazed	
piping diameter	Gas pipe	in. (mm)	1-1/8 (28.58) Brazed	
Minimum Circuit Ampacity		A	53-49	
Maximum Overcurrent Protection		A	88-80	
FAN	Type x Quantity		Propeller fan x 2	
	Airflow rate	cfm	11,300	
		m^3/min	320	
		L/s	5,330	
	Control, Driving mechanism		Inverter-control, Brushless DC motor	
	Motor output	kW	0.92+0.92	
*3	External static press.		0 in.WG (0 Pa)	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	
	Starting method		Inverter	
	Motor output	kW	10.6 x 1	
	Case heater	kW	-	
	Lubricant		MEL32	
External finish			Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D		in.	64-31/32 x 68-29/32 x 29-5/32	
		mm	1,650 x 1,750 x 740	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection	
	Fan motor		Thermal switch	
Refrigerant	Type x original charge		R410A x 26 lbs + 1 oz (11.8 kg)	
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	697 (316)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KD94R321	
	Wiring		KE94C649	
Standard	Document		Installation Manual	
attachment	Accessory		Details refer to External Drw	
Optional parts			joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G	
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model			PUHY-P168TSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity *1		BTU/h	168,000	
(Nominal)		kW	49.2	
	Power input	kW	12.71	
(208-230)	Current input	A	39.1-35.4	
(Rated)		BTU/h	161,000	
		kW	47.2	
	Power input	kW	11.95	11.58
(208-230)	Current input	A	36.8-33.3	35.7-32.2
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	188,000	
(Nominal)		kW	55.1	
	Power input	kW	14.02	
(208-230)	Current input	A	43.2-39.1	
(Rated)		BTU/h	179,000	
		kW	52.5	
	Power input	kW	13.16	12.80
(208-230)	Current input	A	40.5-36.7	39.4-35.7
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~P96/1~36	
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-P72TKMU-A (-BS)	PUHY-P96TKMU-A (-BS)
Minimum Circuit Ampacity		A	25-23	34-31
Maximum Overcurrent Protection		A	42-38	57-52
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1
	Airflow rate	cfm	6,200	6,200
		m^3/min	175	175
		L/s	2,920	2,920
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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	5.5 x 1	7.1 x 1
	Case heater	kW	-	-
	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 29-5/32	64-31/32 x 48-1/16 x 29-5/32
		mm	1,650 x 920 x 740	1,650 x 1,220 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0 kg)	R410A x 25 lbs + 6 oz (11.5 kg)
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	430 (195)	532 (241)
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	Liquid pipe	in. (mm)	3/8 (9.52) Brazed	3/8 (9.52) Brazed
distributor	Gas pipe	in. (mm)	7/8 (22.2) Brazed	7/8 (22.2) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KD94R325	
	Wiring		KE94C645	KE94C647
Standard	Document		Installation Manual	
attachment	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y100CBK3 joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G	
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model			PUHY-P192TSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity *1		BTU/h	192,000	
(Nominal)		kW	56.3	
	Power input	kW	14.81	
(208-230)	Current input	A	45.6-41.3	
(Rated)		BTU/h	183,000	
		kW	53.6	
	Power input	kW	14.04	13.39
(208-230)	Current input	A	43.3-39.1	41.2-37.3
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	215,000	
(Nominal)		kW	63.0	
	Power input	kW	16.91	
(208-230)	Current input	A	52.1-47.1	
(Rated)		BTU/h	205,000	
		kW	60.1	
	Power input	kW	16.00	15.31
(208-230)	Current input	A	49.3-44.6	47.2-42.7
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~P96/1~41	
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-P72TKMU-A (-BS)	PUHY-P120TKMU-A (-BS)
Minimum Circuit Ampacity		A	25-23	45-42
Maximum Overcurrent Protection		A	42-38	73-67
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2
	Airflow rate	cfm	6,200	11,300
		m^3/min	175	320
		L/s	2,920	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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	5.5 x 1	8.1 x 1
	Case heater	kW	-	-
	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 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 920 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	430 (195)	697 (316)
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	Liquid pipe	in. (mm)	3/8 (9.52) Brazed	1/2 (12.7) Brazed
distributor	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		KD94R326	
	Wiring		KE94C645	KE94C649
Standard	Document		Installation Manual	
attachment	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y100CBK3 joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G	
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs	=kg /0.4536

*Above specification data is subject to rounding variation.

Outdoor Model			PUHY-P216TSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity (Nominal)	*1	BTU/h	216,000	
		kW	63.3	
	Power input	kW	16.90	
(208-230)	Current input	A	52.1-47.1	
(Rated)		BTU/h	206,000	
		kW	60.4	
	Power input	kW	16.09	15.21
(208-230)	Current input	A	49.6-44.8	46.9-42.4
Temp. range of cooling	Indoor	W.B.	59~75°F (15~24°C)	
	Outdoor	D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)	*2	BTU/h	243,000	
		kW	71.2	
	Power input	kW	19.26	
(208-230)	Current input	A	59.4-53.7	
(Rated)		BTU/h	232,000	
		kW	68.0	
	Power input	kW	18.40	17.27
(208-230)	Current input	A	56.7-51.3	53.2-48.1
Temp. range of heating	Indoor	D.B.	59~81°F (15~27°C)	
	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 piping diameter	Liquid pipe	in. (mm)	5/8 (15.88) Brazed	
	Gas pipe	in. (mm)	1-1/8 (28.58) Brazed	

Set Model

Model			PUHY-P96TKMU-A (-BS)	PUHY-P120TKMU-A (-BS)
Minimum Circuit Ampacity		A	34-31	45-42
Maximum Overcurrent Protection		A	57-52	73-67
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2
	Airflow rate	cfm	6,200	11,300
		m^3/min	175	320
		L/s	2,920	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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	7.1 x 1	8.1 x 1
	Case heater	kW	-	-
	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 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 1,220 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 25 lbs + 6 oz (11.5 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	532 (241)	697 (316)
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	1-1/8 (28.58) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KD94R327	
	Wiring		KE94C647	KE94C649
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y100CBK3 joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G	
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs	=kg /0.4536

*Above specification data is subject to rounding variation.

Outdoor Model			PUHY-P240TSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity (Nominal)	*1	BTU/h	240,000	
		kW	70.3	
	Power input	kW	19.12	
(208-230)	Current input	A	58.9-53.3	
(Rated)		BTU/h	228,000	
		kW	66.8	
	Power input	kW	18.28	17.13
(208-230)	Current input	A	56.3-50.9	52.8-47.7
Temp. range of cooling	Indoor	W.B.	59~75°F (15~24°C)	
	Outdoor	D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)	*2	BTU/h	270,000	
		kW	79.1	
	Power input	kW	21.86	
(208-230)	Current input	A	67.4-60.9	
(Rated)		BTU/h	258,000	
		kW	75.6	
	Power input	kW	20.70	19.78
(208-230)	Current input	A	63.8-57.7	61.0-55.1
Temp. range of heating	Indoor	D.B.	59~81°F (15~27°C)	
	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 piping diameter	Liquid pipe	in. (mm)	5/8 (15.88) Brazed	
	Gas pipe	in. (mm)	1-1/8 (28.58) Brazed	

Set Model

Model			PUHY-P120TKMU-A (-BS)	PUHY-P120TKMU-A (-BS)
Minimum Circuit Ampacity		A	45-42	45-42
Maximum Overcurrent Protection		A	73-67	73-67
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	11,300	11,300
		m^3/min	320	320
		L/s	5,330	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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 x 1	8.1 x 1
	Case heater	kW	-	-
	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 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 1,750 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 26 lbs + 1 oz (11.8 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	697 (316)	697 (316)
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		KD94R328	
	Wiring		KE94C649	KE94C649
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y100CBK3 joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G	
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model			PUHY-P264TSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity *1		BTU/h	264,000	
(Nominal)		kW	77.4	
	Power input	kW	20.35	
(208-230)	Current input	A	62.7-56.7	
(Rated)		BTU/h	252,000	
		kW	73.9	
	Power input	kW	19.39	18.29
(208-230)	Current input	A	59.8-54.0	56.4-51.0
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)		kW	86.5	
	Power input	kW	23.11	
(208-230)	Current input	A	71.2-64.4	
(Rated)		BTU/h	281,000	
		kW	82.4	
	Power input	kW	22.07	20.72
(208-230)	Current input	A	68.0-61.5	63.9-57.7
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-P72TKMU-A (-BS)	PUHY-P72TKMU-A (-BS)	PUHY-P120TKMU-A (-BS)
Minimum Circuit Ampacity		A	25-23	25-23	45-42
Maximum Overcurrent Protection		A	42-38	42-38	73-67
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 2
	Airflow rate	cfm	6,200	6,200	11,300
		m^3/min	175	175	320
		L/s	2,920	2,920	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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)	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	5.5 x 1	5.5 x 1	8.1 x 1
	Case heater	kW	-	-	-
	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 29-5/32	64-31/32 x 36-1/4 x 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0 kg)	R410A x 19 lbs + 13 oz (9.0 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit		
Net weight		lbs (kg)	430 (195)	430 (195)	697 (316)
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	Liquid pipe	in. (mm)	3/8 (9.52) Brazed	3/8 (9.52) Brazed	1/2 (12.7) Brazed
distributor	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		KD94R329		
	Wiring		KE94C645	KE94C645	KE94C649
Standard	Document		Installation Manual		
attachment	Accessory		Details refer to External Drw		
Optional parts			Outdoor Twinning kit: CMY-Y300CBK2 joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G		
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

Outdoor Model			PUHY-P288TSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity (Nominal)	*1	BTU/h	288,000	
		kW	84.4	
	Power input	kW	22.39	
(208-230)	Current input	A	69.0-62.4	
(Rated)		BTU/h	275,000	
		kW	80.6	
	Power input	kW	21.33	20.13
(208-230)	Current input	A	65.7-59.4	62.0-56.1
Temp. range of cooling	Indoor	W.B.	59~75°F (15~24°C)	
	Outdoor	D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)	*2	BTU/h	323,000	
		kW	94.7	
	Power input	kW	25.36	
(208-230)	Current input	A	78.2-70.7	
(Rated)		BTU/h	308,000	
		kW	90.3	
	Power input	kW	24.27	22.69
(208-230)	Current input	A	74.8-67.6	69.9-63.2
Temp. range of heating	Indoor	D.B.	59~81°F (15~27°C)	
	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 piping diameter	Liquid pipe	in. (mm)	3/4 (19.05) Brazed	
	Gas pipe	in. (mm)	1-3/8 (34.93) Brazed	

Set Model

Model			PUHY-P72TKMU-A (-BS)	PUHY-P96TKMU-A (-BS)	PUHY-P120TKMU-A (-BS)
Minimum Circuit Ampacity		A	25-23	34-31	45-42
Maximum Overcurrent Protection		A	42-38	57-52	73-67
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 2
	Airflow rate	cfm	6,200	6,200	11,300
		m^3/min	175	175	320
		L/s	2,920	2,920	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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)	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	5.5 x 1	7.1 x 1	8.1 x 1
	Case heater	kW	-	-	-
	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 29-5/32	64-31/32 x 48-1/16 x 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0 kg)	R410A x 25 lbs + 6 oz (11.5 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit		
Net weight		lbs (kg)	430 (195)	532 (241)	697 (316)
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	3/8 (9.52) 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		KD94R330		
	Wiring		KE94C645	KE94C647	KE94C649
Standard attachment	Document		Installation Manual		
	Accessory		Details refer to External Drw		
Optional parts			Outdoor Twinning kit: CMY-Y300CBK2 joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G		
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model			PUHY-P312TSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity *1		BTU/h	312,000	
(Nominal)		kW	91.4	
	Power input	kW	24.87	
(208-230)	Current input	A	76.7-69.3	
(Rated)		BTU/h	297,000	
		kW	87.0	
	Power input	kW	23.70	22.36
(208-230)	Current input	A	73.0-66.1	68.9-62.3
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	350,000	
(Nominal)		kW	102.6	
	Power input	kW	28.71	
(208-230)	Current input	A	88.5-80.0	
(Rated)		BTU/h	334,000	
		kW	97.9	
	Power input	kW	27.53	25.64
(208-230)	Current input	A	84.9-76.7	79.0-71.5
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>	64.5	
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-P72TKMU-A (-BS)	PUHY-P120TKMU-A (-BS)	PUHY-P120TKMU-A (-BS)
Minimum Circuit Ampacity		A	25-23	45-42	45-42
Maximum Overcurrent Protection		A	42-38	73-67	73-67
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	6,200	11,300	11,300
		m^3/min	175	320	320
		L/s	2,920	5,330	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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	5.5 x 1	8.1 x 1	8.1 x 1
	Case heater	kW	-	-	-
	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 29-5/32	64-31/32 x 68-29/32 x 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 920 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0 kg)	R410A x 26 lbs + 1 oz (11.8 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit		
Net weight		lbs (kg)	430 (195)	697 (316)	697 (316)
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	Liquid pipe	in. (mm)	3/8 (9.52) Brazed	1/2 (12.7) Brazed	1/2 (12.7) Brazed
distributor	Gas pipe	in. (mm)	7/8 (22.2) Brazed	1-1/8 (28.58) Brazed	1-1/8 (28.58) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)		
Drawing	External		KD94R331		
	Wiring		KE94C645	KE94C649	KE94C649
Standard	Document		Installation Manual		
attachment	Accessory		Details refer to External Drw		
Optional parts			Outdoor Twinning kit: CMY-Y300CBK2 joint: CMY-Y102SS/LS-G2,CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010C-G		
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

Outdoor Model			PUHY-P336TSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity *1		BTU/h	336,000	
(Nominal)		kW	98.5	
	Power input	kW	27.21	
(208-230)	Current input	A	83.9-75.8	
(Rated)		BTU/h	320,000	
		kW	93.8	
	Power input	kW	25.82	24.57
(208-230)	Current input	A	79.6-72.0	75.7-68.5
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	378,000	
(Nominal)		kW	110.8	
	Power input	kW	31.73	
(208-230)	Current input	A	97.8-88.4	
(Rated)		BTU/h	361,000	
		kW	105.8	
	Power input	kW	30.61	28.14
(208-230)	Current input	A	94.4-85.3	86.7-78.4
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>	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-P96TKMU-A (-BS)	PUHY-P120TKMU-A (-BS)	PUHY-P120TKMU-A (-BS)
Minimum Circuit Ampacity		A	34-31	45-42	45-42
Maximum Overcurrent Protection		A	57-52	73-67	73-67
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	6,200	11,300	11,300
		m^3/min	175	320	320
		L/s	2,920	5,330	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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	7.1 x 1	8.1 x 1	8.1 x 1
	Case heater	kW	-	-	-
	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 29-5/32	64-31/32 x 68-29/32 x 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 1,220 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 25 lbs + 6 oz (11.5 kg)	R410A x 26 lbs + 1 oz (11.8 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit		
Net weight		lbs (kg)	532 (241)	697 (316)	697 (316)
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	Liquid pipe	in. (mm)	3/8 (9.52) Brazed	1/2 (12.7) Brazed	1/2 (12.7) Brazed
distributor	Gas pipe	in. (mm)	7/8 (22.2) Brazed	1-1/8 (28.58) Brazed	1-1/8 (28.58) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)		
Drawing	External		KD94R332		
	Wiring		KE94C647	KE94C649	KE94C649
Standard	Document		Installation Manual		
attachment	Accessory		Details refer to External Drw		
Optional parts			Outdoor Twinning kit: CMY-Y300CBK2 joint: CMY-Y102SS/LS-G2,CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010C-G		
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model				PUHY-P360TSKMU-A (-BS)	
Indoor Model				Non-Ducted	Ducted
Power source				3-phase 3-wire 208-230 V ±10% 60 Hz	
Cooling capacity (Nominal)		*1	BTU/h	360,000	
			kW	105.5	
	Power input		kW	29.65	
(208-230)	Current input		A	91.4-82.6	
(Rated)			BTU/h	342,000	
			kW	100.2	
	Power input		kW	28.14	26.77
(208-230)	Current input		A	86.7-78.4	82.5-74.6
Temp. range of cooling	Indoor		W.B.	59~75°F (15~24°C)	
	Outdoor		D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)		*2	BTU/h	405,000	
			kW	118.7	
	Power input		kW	35.39	
(208-230)	Current input		A	109.1-98.7	
(Rated)			BTU/h	387,000	
			kW	113.4	
	Power input		kW	34.30	31.23
(208-230)	Current input		A	105.7-95.6	96.3-87.1
Temp. range of heating	Indoor		D.B.	59~81°F (15~27°C)	
	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 piping diameter	Liquid pipe		in. (mm)	3/4 (19.05) Brazed	
	Gas pipe		in. (mm)	1-5/8 (41.28) Brazed	

Set Model

Model			PUHY-P120TKMU-A (-BS)	PUHY-P120TKMU-A (-BS)	PUHY-P120TKMU-A (-BS)
Minimum Circuit Ampacity		A	45-42	45-42	45-42
Maximum Overcurrent Protection		A	73-67	73-67	73-67
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	11,300	11,300	11,300
		m^3/min	320	320	320
		L/s	5,330	5,330	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor
	Motor output	kW	0.92+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	8.1 x 1	8.1 x 1	8.1 x 1
	Case heater	kW	-	-	-
	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 68-29/32 x 29-5/32	64-31/32 x 68-29/32 x 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 26 lbs + 1 oz (11.8 kg)	R410A x 26 lbs + 1 oz (11.8 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit		
Net weight		lbs (kg)	697 (316)	697 (316)	697 (316)
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)	1/2 (12.7) Brazed	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	1-1/8 (28.58) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)		
Drawing	External		KD94R333		
	Wiring		KE94C649	KE94C649	KE94C649
Standard attachment	Document		Installation Manual		
	Accessory		Details refer to External Drw		
Optional parts			Outdoor Twinning kit: CMY-Y300CBK2 joint: CMY-Y102SS/LS-G2,CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010C-G		
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model				PUHY-P72YKMU-A (-BS)	
Indoor Model				Non-Ducted	Ducted
Power source				3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity (Nominal)		*1	BTU/h	72,000	
			kW	21.1	
		Power input	kW	5.06	
	(460)	Current input	A	7.0	
	(Rated)		BTU/h	69,000	
			kW	20.2	
		Power input	kW	4.58	4.79
	(460)	Current input	A	6.3	6.6
Temp. range of cooling		Indoor	W.B.	59~75°F (15~24°C)	
		Outdoor	D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)		*2	BTU/h	80,000	
			kW	23.4	
		Power input	kW	5.62	
	(460)	Current input	A	7.8	
	(Rated)		BTU/h	76,000	
			kW	22.3	
		Power input	kW	5.04	5.36
	(460)	Current input	A	7.0	7.4
Temp. range of heating		Indoor	D.B.	59~81°F (15~27°C)	
		Outdoor	W.B.	-4~60°F (-20~15.5°C)	
Indoor unit		Total capacity		50~130% of outdoor unit capacity	
		Model/Quantity		P06~P72/1~15	
Sound pressure level (measured in anechoic room)			dB <A>	58.0	
Refrigerant piping diameter		Liquid pipe	in. (mm)	3/8 (9.52) Brazed	
		Gas pipe	in. (mm)	7/8 (22.2) Brazed	
Minimum Circuit Ampacity			A	12	
Maximum Overcurrent Protection			A	19	
FAN		Type x Quantity		Propeller fan x 1	
		Airflow rate	cfm	6,200	
			m^3/min	175	
			L/s	2,920	
		Control, Driving mechanism		Inverter-control, Brushless DC motor	
		Motor output	kW	0.92	
	*3	External static press.		0 in.WG (0 Pa)	
Compressor		Type x Quantity		Inverter scroll hermetic compressor x 1	
		Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	
		Starting method		Inverter	
		Motor output	kW	5.5 x 1	
		Case heater	kW	-	
		Lubricant		MEL32	
External finish				Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D			in.	64-31/32 x 36-1/4 x 29-5/32	
			mm	1,650 x 920 x 740	
Protection devices		High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
		Inverter circuit (COMP./FAN)		Over-current protection	
		Fan motor		Thermal switch	
Refrigerant		Type x original charge		R410A x 19 lbs + 13 oz (9.0 kg)	
		Control		LEV and HIC circuit	
Net weight			lbs (kg)	463 (210)	
Heat exchanger				Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)				Copper pipe, tube-in-tube structure	
Defrosting method				Auto-defrost mode (Reversed refrigerant cycle)	
Drawing		External		KD94R322	
		Wiring		KE94C641	
Standard attachment		Document		Installation Manual	
		Accessory		Details refer to External Drw	
Optional parts				joint: CMY-Y102SS-G2 Header: CMY-Y104/108/1010C-G	
Remarks				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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model				PUHY-P96YKMU-A (-BS)	
Indoor Model				Non-Ducted	Ducted
Power source				3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity (Nominal)		*1	BTU/h	96,000	
			kW	28.1	
		Power input	kW	7.00	
	(460)	Current input	A	9.7	
	(Rated)		BTU/h	92,000	
			kW	27.0	
		Power input	kW	6.35	6.62
	(460)	Current input	A	8.8	9.2
Temp. range of cooling		Indoor	W.B.	59~75°F (15~24°C)	
		Outdoor	D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)		*2	BTU/h	108,000	
			kW	31.7	
		Power input	kW	7.47	
	(460)	Current input	A	10.4	
	(Rated)		BTU/h	103,000	
			kW	30.2	
		Power input	kW	6.79	7.04
	(460)	Current input	A	9.4	9.8
Temp. range of heating		Indoor	D.B.	59~81°F (15~27°C)	
		Outdoor	W.B.	-4~60°F (-20~15.5°C)	
Indoor unit		Total capacity		50~130% of outdoor unit capacity	
		Model/Quantity		P06~P96/1~20	
Sound pressure level (measured in anechoic room)			dB <A>	58.0	
Refrigerant piping diameter		Liquid pipe	in. (mm)	3/8 (9.52) Brazed (1/2 (12.7) Brazed, the farthest pipe length >= 90 m)	
		Gas pipe	in. (mm)	7/8 (22.2) Brazed	
Minimum Circuit Ampacity			A	15	
Maximum Overcurrent Protection			A	26	
FAN		Type x Quantity		Propeller fan x 1	
		Airflow rate	cfm	6,200	
			m^3/min	175	
			L/s	2,920	
		Control, Driving mechanism		Inverter-control, Brushless DC motor	
		Motor output	kW	0.92	
	*3	External static press.		0 in.WG (0 Pa)	
Compressor		Type x Quantity		Inverter scroll hermetic compressor x 1	
		Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	
		Starting method		Inverter	
		Motor output	kW	7.1 x 1	
		Case heater	kW	-	
		Lubricant		MEL32	
External finish				Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D			in.	64-31/32 x 48-1/16 x 29-5/32	
			mm	1,650 x 1,220 x 740	
Protection devices		High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
		Inverter circuit (COMP./FAN)		Over-current protection	
		Fan motor		Thermal switch	
Refrigerant		Type x original charge		R410A x 25 lbs + 6 oz (11.5 kg)	
		Control		LEV and HIC circuit	
Net weight			lbs (kg)	558 (253)	
Heat exchanger				Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)				Copper pipe, tube-in-tube structure	
Defrosting method				Auto-defrost mode (Reversed refrigerant cycle)	
Drawing		External		KD94R323	
		Wiring		KE94C641	
Standard attachment		Document		Installation Manual	
		Accessory		Details refer to External Drw	
Optional parts				joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010C-G	
Remarks				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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model				PUHY-P120YKMU-A (-BS)	
Indoor Model				Non-Ducted	Ducted
Power source				3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity (Nominal)		*1	BTU/h	120,000	
			kW	35.2	
		Power input	kW	9.09	
	(460)	Current input	A	12.6	
	(Rated)		BTU/h	114,000	
			kW	33.4	
		Power input	kW	8.56	8.27
	(460)	Current input	A	11.9	11.5
Temp. range of cooling		Indoor	W.B.	59~75°F (15~24°C)	
		Outdoor	D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)		*2	BTU/h	135,000	
			kW	39.6	
		Power input	kW	10.28	
	(460)	Current input	A	14.3	
	(Rated)		BTU/h	129,000	
			kW	37.8	
		Power input	kW	9.46	9.57
	(460)	Current input	A	13.1	13.3
Temp. range of heating		Indoor	D.B.	59~81°F (15~27°C)	
		Outdoor	W.B.	-4~60°F (-20~15.5°C)	
Indoor unit		Total capacity		50~130% of outdoor unit capacity	
		Model/Quantity		P06~P96/1~26	
Sound pressure level (measured in anechoic room)			dB <A>	60.0	
Refrigerant piping diameter		Liquid pipe	in. (mm)	3/8 (9.52) Brazed (1/2 (12.7) Brazed, the farthest pipe length >= 40 m)	
		Gas pipe	in. (mm)	1-1/8 (28.58) Brazed	
Minimum Circuit Ampacity			A	20	
Maximum Overcurrent Protection			A	33	
FAN		Type x Quantity		Propeller fan x 2	
		Airflow rate	cfm	11,300	
			m^3/min	320	
			L/s	5,330	
		Control, Driving mechanism		Inverter-control, Brushless DC motor	
		Motor output	kW	0.92+0.92	
	*3	External static press.		0 in.WG (0 Pa)	
Compressor		Type x Quantity		Inverter scroll hermetic compressor x 1	
		Manufacture		AC&R Works, MITSUBISHI ELECTRIC CORPORATION	
		Starting method		Inverter	
		Motor output	kW	8.1 x 1	
		Case heater	kW	-	
		Lubricant		MEL32	
External finish				Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D			in.	64-31/32 x 68-29/32 x 29-5/32	
			mm	1,650 x 1,750 x 740	
Protection devices		High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
		Inverter circuit (COMP./FAN)		Over-current protection	
		Fan motor		Thermal switch	
Refrigerant		Type x original charge		R410A x 26 lbs + 1 oz (11.8 kg)	
		Control		LEV and HIC circuit	
Net weight			lbs (kg)	726 (329)	
Heat exchanger				Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)				Copper pipe, tube-in-tube structure	
Defrosting method				Auto-defrost mode (Reversed refrigerant cycle)	
Drawing		External		KD94R324	
		Wiring		KE94C643	
Standard attachment		Document		Installation Manual	
		Accessory		Details refer to External Drw	
Optional parts				joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010C-G	
Remarks				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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model				PUHY-P144YKMU-A (-BS)	
Indoor Model				Non-Ducted	Ducted
Power source				3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity (Nominal)		*1	BTU/h	144,000	
			kW	42.2	
	Power input		kW	11.84	
(460)	Current input		A	16.5	
(Rated)			BTU/h	137,000	
			kW	40.2	
	Power input		kW	11.13	10.79
(460)	Current input		A	15.5	15.0
Temp. range of cooling	Indoor		W.B.	59~75°F (15~24°C)	
	Outdoor		D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)		*2	BTU/h	160,000	
			kW	46.9	
	Power input		kW	12.47	
(460)	Current input		A	17.3	
(Rated)			BTU/h	152,000	
			kW	44.5	
	Power input		kW	11.49	11.61
(460)	Current input		A	16.0	16.1
Temp. range of heating	Indoor		D.B.	59~81°F (15~27°C)	
	Outdoor		W.B.	-4~60°F (-20~15.5°C)	
Indoor unit	Total capacity			50~130% of outdoor unit capacity	
	Model/Quantity			P06~P96/1~31	
Sound pressure level (measured in anechoic room)			dB <A>	61.0	
Refrigerant piping diameter	Liquid pipe		in. (mm)	1/2 (12.7) Brazed	
	Gas pipe		in. (mm)	1-1/8 (28.58) Brazed	
Minimum Circuit Ampacity			A	24	
Maximum Overcurrent Protection			A	40	
FAN	Type x Quantity			Propeller fan x 2	
	Airflow rate		cfm	11,300	
			m^3/min	320	
			L/s	5,330	
	Control, Driving mechanism			Inverter-control, Brushless DC motor	
	Motor output		kW	0.92+0.92	
	*3 External static press.			0 in.WG (0 Pa)	
Compressor	Type x Quantity			Inverter scroll hermetic compressor x 1	
	Manufacture			AC&R Works, MITSUBISHI ELECTRIC CORPORATION	
	Starting method			Inverter	
	Motor output		kW	10.6 x 1	
	Case heater		kW	-	
	Lubricant			MEL32	
External finish				Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D			in.	64-31/32 x 68-29/32 x 29-5/32	
			mm	1,650 x 1,750 x 740	
Protection devices	High pressure protection			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)			Over-current protection	
	Fan motor			Thermal switch	
Refrigerant	Type x original charge			R410A x 26 lbs + 1 oz (11.8 kg)	
	Control			LEV and HIC circuit	
Net weight			lbs (kg)	726 (329)	
Heat exchanger				Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)				Copper pipe, tube-in-tube structure	
Defrosting method				Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External			KD94R324	
	Wiring			KE94C643	
Standard attachment	Document			Installation Manual	
	Accessory			Details refer to External Drw	
Optional parts				joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G	
Remarks				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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model			PUHY-P144YSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity *1		BTU/h	144,000	
(Nominal)		kW	42.2	
	Power input	kW	10.57	
(460)	Current input	A	14.7	
(Rated)		BTU/h	137,000	
		kW	40.2	
	Power input	kW	9.89	9.68
(460)	Current input	A	13.7	13.4
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	160,000	
(Nominal)		kW	46.9	
	Power input	kW	11.68	
(460)	Current input	A	16.2	
(Rated)		BTU/h	152,000	
		kW	44.5	
	Power input	kW	10.79	10.84
(460)	Current input	A	15.0	15.1
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~P96/1~31	
Sound pressure level (measured in anechoic room)		dB <A>	61.0	
Refrigerant	Liquid pipe	in. (mm)	1/2 (12.7) Brazed	
piping diameter	Gas pipe	in. (mm)	1-1/8 (28.58) Brazed	

Set Model

Model			PUHY-P72YKMU-A (-BS)	PUHY-P72YKMU-A (-BS)
Minimum Circuit Ampacity		A	12	12
Maximum Overcurrent Protection		A	19	19
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1
	Airflow rate	cfm	6,200	6,200
		m^3/min	175	175
		L/s	2,920	2,920
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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	5.5 x 1	5.5 x 1
	Case heater	kW	-	-
	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 29-5/32	64-31/32 x 36-1/4 x 29-5/32
		mm	1,650 x 920 x 740	1,650 x 920 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Fan motor		Thermal switch	Over-current protection
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0 kg)	R410A x 19 lbs + 13 oz (9.0 kg)
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	463 (210)	463 (210)
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	Liquid pipe	in. (mm)	3/8 (9.52) Brazed	3/8 (9.52) Brazed
distributor	Gas pipe	in. (mm)	7/8 (22.2) Brazed	7/8 (22.2) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KD94R334	
	Wiring		KE94C641	KE94C641
Standard	Document		Installation Manual	
attachment	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y100CBK3 joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G	
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model				PUHY-P168YSKMU-A (-BS)	
Indoor Model				Non-Ducted	Ducted
Power source				3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity (Nominal)		*1	BTU/h	168,000	
			kW	49.2	
	Power input		kW	12.71	
(460)	Current input		A	17.7	
(Rated)			BTU/h	161,000	
			kW	47.2	
	Power input		kW	11.95	11.58
(460)	Current input		A	16.6	16.1
Temp. range of cooling	Indoor		W.B.	59~75°F (15~24°C)	
	Outdoor		D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)		*2	BTU/h	188,000	
			kW	55.1	
	Power input		kW	14.02	
(460)	Current input		A	19.5	
(Rated)			BTU/h	179,000	
			kW	52.5	
	Power input		kW	13.16	12.80
(460)	Current input		A	18.3	17.8
Temp. range of heating	Indoor		D.B.	59~81°F (15~27°C)	
	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 piping diameter	Liquid pipe		in. (mm)	5/8 (15.88) Brazed	
	Gas pipe		in. (mm)	1-1/8 (28.58) Brazed	

Set Model

Model			PUHY-P72YKMU-A (-BS)	PUHY-P96YKMU-A (-BS)
Minimum Circuit Ampacity		A	12	15
Maximum Overcurrent Protection		A	19	26
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1
	Airflow rate	cfm	6,200	6,200
		m^3/min	175	175
		L/s	2,920	2,920
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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	5.5 x 1	7.1 x 1
	Case heater	kW	-	-
	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 29-5/32	64-31/32 x 48-1/16 x 29-5/32
		mm	1,650 x 920 x 740	1,650 x 1,220 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Fan motor		Thermal switch	Over-current protection
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0 kg)	R410A x 25 lbs + 6 oz (11.5 kg)
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	463 (210)	558 (253)
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	3/8 (9.52) 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		KD94R335	
	Wiring		KE94C641	KE94C641
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y100CBK3 joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G	
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model			PUHY-P192YSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity *1		BTU/h	192,000	
(Nominal)		kW	56.3	
	Power input	kW	14.81	
(460)	Current input	A	20.6	
(Rated)		BTU/h	183,000	
		kW	53.6	
	Power input	kW	14.04	13.39
(460)	Current input	A	19.5	18.6
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	215,000	
(Nominal)		kW	63.0	
	Power input	kW	16.91	
(460)	Current input	A	23.5	
(Rated)		BTU/h	205,000	
		kW	60.1	
	Power input	kW	16.00	15.31
(460)	Current input	A	22.3	21.3
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~P96/1~41	
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-P72YKMU-A (-BS)	PUHY-P120YKMU-A (-BS)
Minimum Circuit Ampacity		A	12	20
Maximum Overcurrent Protection		A	19	33
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2
	Airflow rate	cfm	6,200	11,300
		m^3/min	175	320
		L/s	2,920	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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	5.5 x 1	8.1 x 1
	Case heater	kW	-	-
	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 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 920 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	463 (210)	726 (329)
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	Liquid pipe	in. (mm)	3/8 (9.52) Brazed	1/2 (12.7) Brazed
distributor	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		KD94R336	
	Wiring		KE94C641	KE94C643
Standard	Document		Installation Manual	
attachment	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y100CBK3 joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G	
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model				PUHY-P216YSKMU-A (-BS)	
Indoor Model				Non-Ducted	Ducted
Power source				3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity (Nominal)		*1	BTU/h	216,000	
			kW	63.3	
	Power input		kW	16.90	
(460)	Current input		A	23.5	
(Rated)			BTU/h	206,000	
			kW	60.4	
	Power input		kW	16.09	15.21
(460)	Current input		A	22.4	21.2
Temp. range of cooling	Indoor		W.B.	59~75°F (15~24°C)	
	Outdoor		D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)		*2	BTU/h	243,000	
			kW	71.2	
	Power input		kW	19.26	
(460)	Current input		A	26.8	
(Rated)			BTU/h	232,000	
			kW	68.0	
	Power input		kW	18.40	17.27
(460)	Current input		A	25.6	24.0
Temp. range of heating	Indoor		D.B.	59~81°F (15~27°C)	
	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 piping diameter	Liquid pipe		in. (mm)	5/8 (15.88) Brazed	
	Gas pipe		in. (mm)	1-1/8 (28.58) Brazed	

Set Model

Model			PUHY-P96YKMU-A (-BS)	PUHY-P120YKMU-A (-BS)
Minimum Circuit Ampacity		A	15	20
Maximum Overcurrent Protection		A	26	33
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2
	Airflow rate	cfm	6,200	11,300
		m^3/min	175	320
		L/s	2,920	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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	7.1 x 1	8.1 x 1
	Case heater	kW	-	-
	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 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 1,220 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 25 lbs + 6 oz (11.5 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	558 (253)	726 (329)
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	1-1/8 (28.58) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KD94R337	
	Wiring		KE94C641	KE94C643
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y100CBK3 joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G	
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

Outdoor Model			PUHY-P240YSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity (Nominal)	*1	BTU/h	240,000	
		kW	70.3	
	Power input	kW	19.12	
(460)	Current input	A	26.6	
(Rated)		BTU/h	228,000	
		kW	66.8	
	Power input	kW	18.28	17.13
(460)	Current input	A	25.4	23.8
Temp. range of cooling	Indoor	W.B.	59~75°F (15~24°C)	
	Outdoor	D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)	*2	BTU/h	270,000	
		kW	79.1	
	Power input	kW	21.86	
(460)	Current input	A	30.4	
(Rated)		BTU/h	258,000	
		kW	75.6	
	Power input	kW	20.70	19.78
(460)	Current input	A	28.8	27.5
Temp. range of heating	Indoor	D.B.	59~81°F (15~27°C)	
	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 piping diameter	Liquid pipe	in. (mm)	5/8 (15.88) Brazed	
	Gas pipe	in. (mm)	1-1/8 (28.58) Brazed	

Set Model

Model			PUHY-P120YKMU-A (-BS)	PUHY-P120YKMU-A (-BS)
Minimum Circuit Ampacity		A	20	20
Maximum Overcurrent Protection		A	33	33
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	11,300	11,300
		m^3/min	320	320
		L/s	5,330	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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 x 1	8.1 x 1
	Case heater	kW	-	-
	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 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 1,750 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 26 lbs + 1 oz (11.8 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit	
Net weight		lbs (kg)	726 (329)	726 (329)
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		KD94R338	
	Wiring		KE94C643	KE94C643
Standard attachment	Document		Installation Manual	
	Accessory		Details refer to External Drw	
Optional parts			Outdoor Twinning kit: CMY-Y100CBK3 joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G	
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model			PUHY-P264YSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity *1		BTU/h	264,000	
(Nominal)		kW	77.4	
	Power input	kW	20.35	
(460)	Current input	A	28.3	
(Rated)		BTU/h	252,000	
		kW	73.9	
	Power input	kW	19.39	18.29
(460)	Current input	A	27.0	25.5
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	295,000	
(Nominal)		kW	86.5	
	Power input	kW	23.11	
(460)	Current input	A	32.2	
(Rated)		BTU/h	281,000	
		kW	82.4	
	Power input	kW	22.07	20.72
(460)	Current input	A	30.7	28.8
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>	63.5	
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-P72YKMU-A (-BS)	PUHY-P72YKMU-A (-BS)	PUHY-P120YKMU-A (-BS)
Minimum Circuit Ampacity		A	12	12	20
Maximum Overcurrent Protection		A	19	19	33
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 2
	Airflow rate	cfm	6,200	6,200	11,300
		m^3/min	175	175	320
		L/s	2,920	2,920	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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)	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	5.5 x 1	5.5 x 1	8.1 x 1
	Case heater	kW	-	-	-
	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 29-5/32	64-31/32 x 36-1/4 x 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0 kg)	R410A x 19 lbs + 13 oz (9.0 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit		
Net weight		lbs (kg)	463 (210)	463 (210)	726 (329)
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	Liquid pipe	in. (mm)	3/8 (9.52) Brazed	3/8 (9.52) Brazed	1/2 (12.7) Brazed
distributor	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		KD94R339		
	Wiring		KE94C641	KE94C641	KE94C643
Standard	Document		Installation Manual		
attachment	Accessory		Details refer to External Drw		
Optional parts			Outdoor Twinning kit: CMY-Y300CBK2 joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G		
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs	=kg /0.4536

*Above specification data is subject to rounding variation.

Outdoor Model				PUHY-P288YSKMU-A (-BS)	
Indoor Model				Non-Ducted	Ducted
Power source				3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity (Nominal)	*1		BTU/h	288,000	
			kW	84.4	
		Power input	kW	22.39	
	(460)	Current input	A	31.2	
	(Rated)		BTU/h	275,000	
			kW	80.6	
		Power input	kW	21.33	20.13
	(460)	Current input	A	29.7	28.0
Temp. range of cooling		Indoor	W.B.	59~75°F (15~24°C)	
		Outdoor	D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)	*2		BTU/h	323,000	
			kW	94.7	
		Power input	kW	25.36	
	(460)	Current input	A	35.3	
	(Rated)		BTU/h	308,000	
			kW	90.3	
		Power input	kW	24.27	22.69
	(460)	Current input	A	33.8	31.6
Temp. range of heating		Indoor	D.B.	59~81°F (15~27°C)	
		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 piping diameter		Liquid pipe	in. (mm)	3/4 (19.05) Brazed	
		Gas pipe	in. (mm)	1-3/8 (34.93) Brazed	

Set Model

Model			PUHY-P72YKMU-A (-BS)	PUHY-P96YKMU-A (-BS)	PUHY-P120YKMU-A (-BS)
Minimum Circuit Ampacity		A	12	15	20
Maximum Overcurrent Protection		A	19	26	33
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 2
	Airflow rate	cfm	6,200	6,200	11,300
		m^3/min	175	175	320
		L/s	2,920	2,920	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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)	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	5.5 x 1	7.1 x 1	8.1 x 1
	Case heater	kW	-	-	-
	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 29-5/32	64-31/32 x 48-1/16 x 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0 kg)	R410A x 25 lbs + 6 oz (11.5 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit		
Net weight		lbs (kg)	463 (210)	558 (253)	726 (329)
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	3/8 (9.52) 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		KD94R340		
	Wiring		KE94C641	KE94C641	KE94C643
Standard attachment	Document		Installation Manual		
	Accessory		Details refer to External Drw		
Optional parts			Outdoor Twinning kit: CMY-Y300CBK2 joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010C-G		
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model			PUHY-P312YSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity *1		BTU/h	312,000	
(Nominal)		kW	91.4	
	Power input	kW	24.87	
(460)	Current input	A	34.6	
(Rated)		BTU/h	297,000	
		kW	87.0	
	Power input	kW	23.70	22.36
(460)	Current input	A	33.0	31.1
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	350,000	
(Nominal)		kW	102.6	
	Power input	kW	28.71	
(460)	Current input	A	40.0	
(Rated)		BTU/h	334,000	
		kW	97.9	
	Power input	kW	27.53	25.64
(460)	Current input	A	38.3	35.7
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>	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-P72YKMU-A (-BS)	PUHY-P120YKMU-A (-BS)	PUHY-P120YKMU-A (-BS)
Minimum Circuit Ampacity		A	12	20	20
Maximum Overcurrent Protection		A	19	33	33
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	6,200	11,300	11,300
		m^3/min	175	320	320
		L/s	2,920	5,330	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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	5.5 x 1	8.1 x 1	8.1 x 1
	Case heater	kW	-	-	-
	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 29-5/32	64-31/32 x 68-29/32 x 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 920 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 19 lbs + 13 oz (9.0 kg)	R410A x 26 lbs + 1 oz (11.8 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit		
Net weight		lbs (kg)	463 (210)	726 (329)	726 (329)
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	Liquid pipe	in. (mm)	3/8 (9.52) Brazed	1/2 (12.7) Brazed	1/2 (12.7) Brazed
distributor	Gas pipe	in. (mm)	7/8 (22.2) Brazed	1-1/8 (28.58) Brazed	1-1/8 (28.58) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)		
Drawing	External		KD94R341		
	Wiring		KE94C641	KE94C643	KE94C643
Standard	Document		Installation Manual		
attachment	Accessory		Details refer to External Drw		
Optional parts			Outdoor Twinning kit: CMY-Y300CBK2 joint: CMY-Y102SS/LS-G2,CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010C-G		
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

Outdoor Model			PUHY-P336YSKMU-A (-BS)	
Indoor Model			Non-Ducted	Ducted
Power source			3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity (Nominal)	*1	BTU/h	336,000	
		kW	98.5	
	Power input	kW	27.21	
(460)	Current input	A	37.9	
(Rated)		BTU/h	320,000	
		kW	93.8	
	Power input	kW	25.82	24.57
(460)	Current input	A	36.0	34.2
Temp. range of cooling	Indoor	W.B.	59~75°F (15~24°C)	
	Outdoor	D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)	*2	BTU/h	378,000	
		kW	110.8	
	Power input	kW	31.73	
(460)	Current input	A	44.2	
(Rated)		BTU/h	361,000	
		kW	105.8	
	Power input	kW	30.61	28.14
(460)	Current input	A	42.6	39.2
Temp. range of heating	Indoor	D.B.	59~81°F (15~27°C)	
	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 piping diameter	Liquid pipe	in. (mm)	3/4 (19.05) Brazed	
	Gas pipe	in. (mm)	1-5/8 (41.28) Brazed	

Set Model					
Model			PUHY-P96YKMU-A (-BS)	PUHY-P120YKMU-A (-BS)	PUHY-P120YKMU-A (-BS)
Minimum Circuit Ampacity		A	15	20	20
Maximum Overcurrent Protection		A	26	33	33
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2
	Airflow rate	cfm	6,200	11,300	11,300
		m^3/min	175	320	320
		L/s	2,920	5,330	5,330
	Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor	Inverter-control, Brushless DC 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	7.1 x 1	8.1 x 1	8.1 x 1
	Case heater	kW	-	-	-
	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 29-5/32	64-31/32 x 68-29/32 x 29-5/32	64-31/32 x 68-29/32 x 29-5/32
		mm	1,650 x 1,220 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection	Over-current protection
	Fan motor		Thermal switch	Thermal switch	Thermal switch
Refrigerant	Type x original charge		R410A x 25 lbs + 6 oz (11.5 kg)	R410A x 26 lbs + 1 oz (11.8 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
	Control		LEV and HIC circuit		
Net weight		lbs (kg)	558 (253)	726 (329)	726 (329)
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	1-1/8 (28.58) Brazed	1-1/8 (28.58) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)		
Drawing	External		KD94R342		
	Wiring		KE94C641	KE94C643	KE94C643
Standard attachment	Document		Installation Manual		
	Accessory		Details refer to External Drw		
Optional parts			Outdoor Twinning kit: CMY-Y300CBK2 joint: CMY-Y102SS/LS-G2,CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010C-G		
Remarks			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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs =kg /0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Outdoor Model				PUHY-P360YSKMU-A (-BS)	
Indoor Model				Non-Ducted	Ducted
Power source				3-phase 3-wire 460 V ±10% 60 Hz	
Cooling capacity (Nominal)	*1		BTU/h	360,000	
			kW	105.5	
		Power input	kW	29.65	
	(460)	Current input	A	41.3	
	(Rated)		BTU/h	342,000	
			kW	100.2	
		Power input	kW	28.14	26.77
	(460)	Current input	A	39.2	37.3
Temp. range of cooling		Indoor	W.B.	59~75°F (15~24°C)	
		Outdoor	D.B.	23~115°F (-5~46°C)	
Heating capacity (Nominal)	*2		BTU/h	405,000	
			kW	118.7	
		Power input	kW	35.39	
	(460)	Current input	A	49.3	
	(Rated)		BTU/h	387,000	
			kW	113.4	
		Power input	kW	34.30	31.23
	(460)	Current input	A	47.8	43.5
Temp. range of heating		Indoor	D.B.	59~81°F (15~27°C)	
		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 piping diameter		Liquid pipe	in. (mm)	3/4 (19.05) Brazed	
		Gas pipe	in. (mm)	1-5/8 (41.28) Brazed	

Set Model					
Model				PUHY-P120YKMU-A (-BS)	PUHY-P120YKMU-A (-BS)	PUHY-P120YKMU-A (-BS)
Minimum Circuit Ampacity			A	20	20	20
Maximum Overcurrent Protection			A	33	33	33
FAN		Type x Quantity		Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
		Airflow rate	cfm	11,300	11,300	11,300
			m^3/min	320	320	320
			L/s	5,330	5,330	5,330
		Control, Driving mechanism		Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor	Inverter-control, Brushless DC motor
		Motor output	kW	0.92+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	8.1 x 1	8.1 x 1	8.1 x 1
		Case heater	kW	-	-	-
		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 68-29/32 x 29-5/32	64-31/32 x 68-29/32 x 29-5/32	64-31/32 x 68-29/32 x 29-5/32
			mm	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740
Protection devices		High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
		Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection	Over-current protection
		Fan motor		Thermal switch	Thermal switch	Thermal switch
Refrigerant		Type x original charge		R410A x 26 lbs + 1 oz (11.8 kg)	R410A x 26 lbs + 1 oz (11.8 kg)	R410A x 26 lbs + 1 oz (11.8 kg)
		Control		LEV and HIC circuit		
Net weight			lbs (kg)	726 (329)	726 (329)	726 (329)
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)	1/2 (12.7) Brazed	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	1-1/8 (28.58) Brazed
Defrosting method				Auto-defrost mode (Reversed refrigerant cycle)		
Drawing		External		KD94R343		
		Wiring		KE94C643	KE94C643	KE94C643
Standard attachment		Document		Installation Manual		
		Accessory		Details refer to External Drw		
Optional parts				Outdoor Twinning kit: CMY-Y300CBK2 joint: CMY-Y102SS/LS-G2,CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010C-G		
Remarks				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.Cooling conditions (Test conditions are based on AHRI 1230)
Indoor: 80°FD.B./67°FW.B. (26.7°CD.B./19.4°CW.B.), Outdoor: 95°FD.B. (35°CD.B.)
2.Heating conditions (Test conditions are based on AHRI 1230)
Indoor: 70°FD.B. (21.1°CD.B.), Outdoor: 47°FD.B./43°FW.B. (8.3°CD.B./6.1°CW.B.)
3.External static pressure option is available (0.12 in.WG, 0.24 in.WG/30 Pa, 60 Pa).

* 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
lbs	=kg /0.4536

*Above specification data is subject to rounding variation.

PUHY-P72TKMU-A(-BS)

Unit : mm(in.)

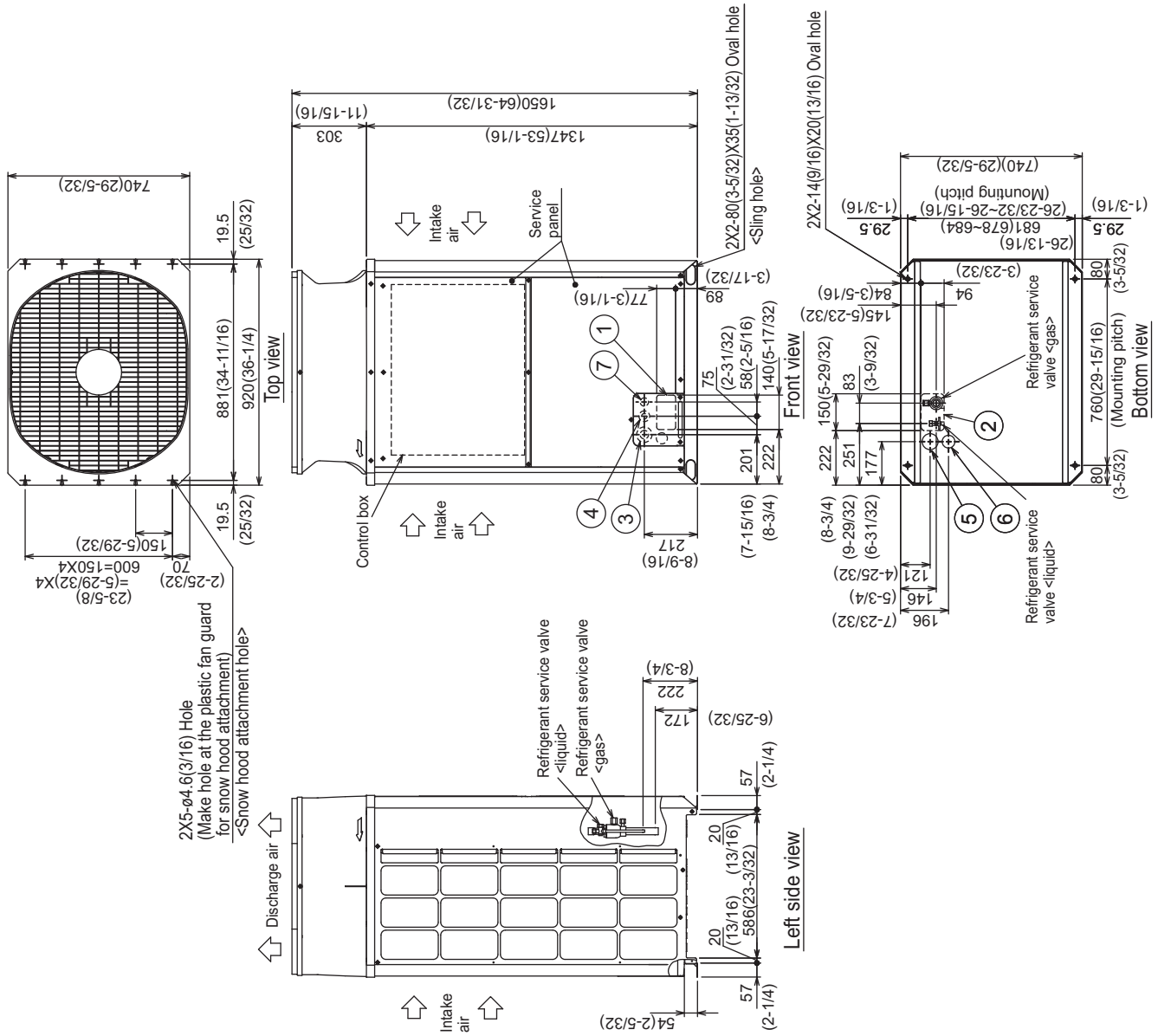
Note1.Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
2.At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

Connecting pipe specifications

Model	Diameter			
	Refrigerant pipe		Service valve	
	Liquid	Gas	Liquid	Gas
PUHY-P72TKMU	ø9.52 Brazed (3/8) *1	ø22.2 Brazed (7/8) *2	ø9.52 (3/8)	ø28.58 (1-1/8)

*1 Expand the on-site piping and connect to the refrigerant service valve piping.
*2 Use the pipe joint(field supply) and connect to the refrigerant service valve piping.

NO.	Usage		Specifications
①	For pipes	Front through hole	140 × 77 Knockout hole (5-17/32) (3-1/16)
②		Bottom through hole	150 × 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		Bottom through hole	ø52 Knockout hole (2-1/16)
⑦	For transmission cables	Front through hole	ø34 Knockout hole (1-11/32)

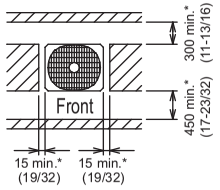


1.Required space around the unit

●In case of single installation

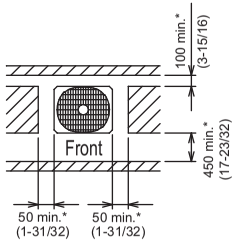
① Secure enough space around the unit as shown in the figure below.

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



<Top view>

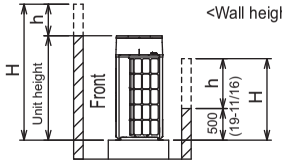
· With a space of at least 100mm(3-15/16) to the wall on the back of the unit



<Top view>

<Unit:mm(in)>

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.

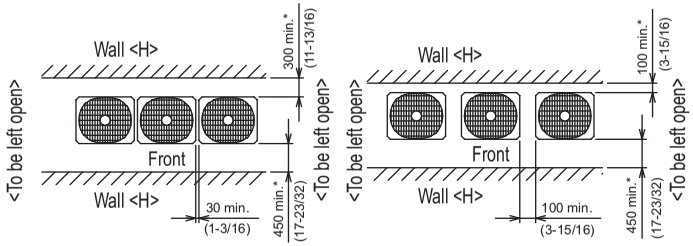


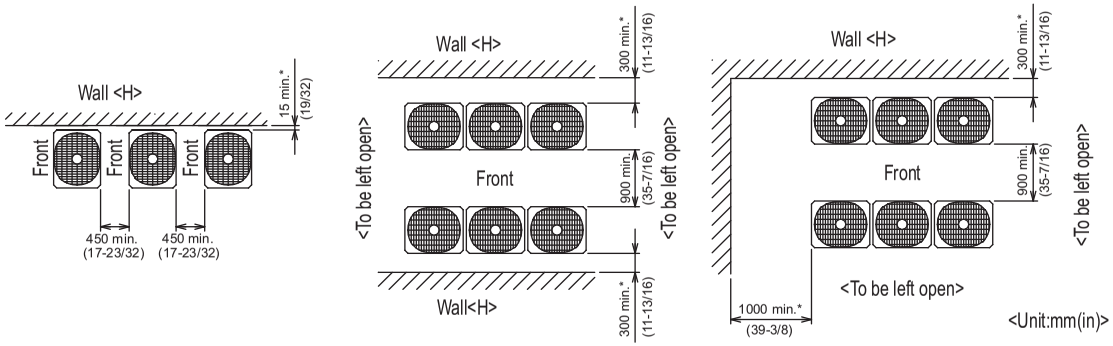
<Side view>

<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.





<Unit:mm(in)>

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.

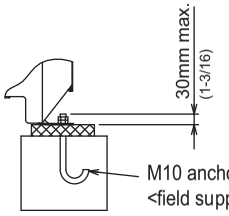


Fig.A

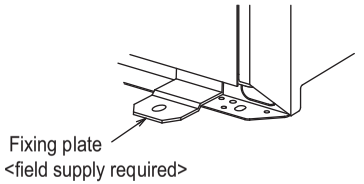


Fig.B

Unit : mm(in.)

PUHY-P96TKMU-A(-BS)

Unit : mm(in.)

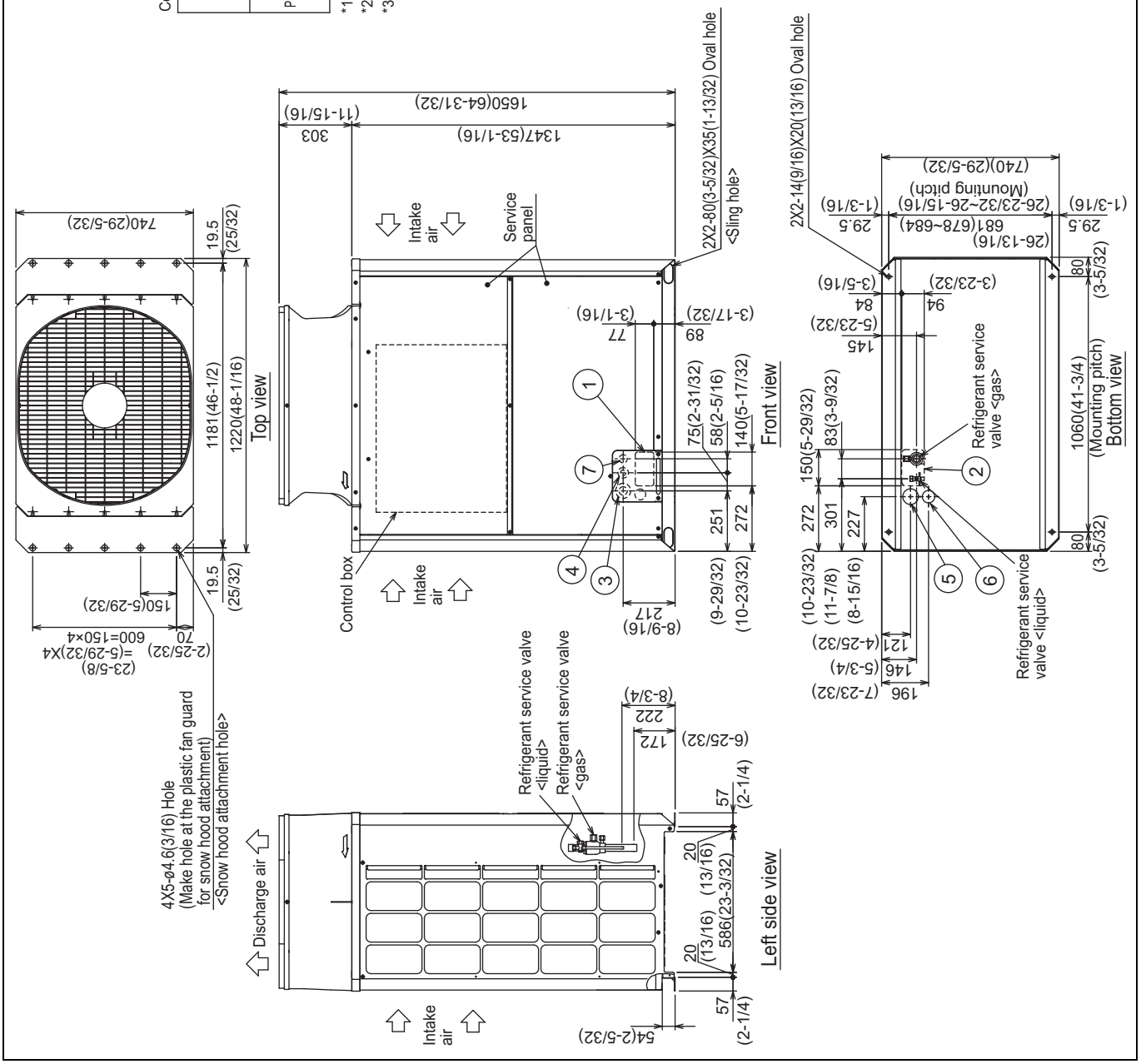
Note1. Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
2. At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

Connecting pipe specifications

Model	Diameter			
	Refrigerant pipe		Service valve	
	Liquid	Gas	Liquid	Gas
PUHY-P96TKMU	ø9.52 Brazed (3/8) *1 (ø12.7 Brazed (1/2) *2 *3	ø22.2 Brazed (7/8) *2	ø9.52 (3/8)	ø28.58 (1-1/8)

*1 Expand the on-site piping and connect to the refrigerant service valve piping.
*2 Use the pipe joint(field supply) and connect to the refrigerant service valve piping.
*3 Furthest piping length (OU from IU) ≦90m(295ft)

NO.	Usage		Specifications
①	For pipes	Front through hole	140 × 77 Knockout hole (5-17/32) (3-1/16)
②		Bottom through hole	150 × 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		Bottom through hole	ø52 Knockout hole (2-1/16)
⑦	For transmission cables	Front through hole	ø34 Knockout hole (1-11/32)

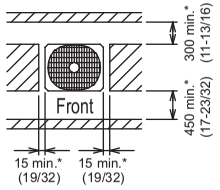


1.Required space around the unit

●In case of single installation

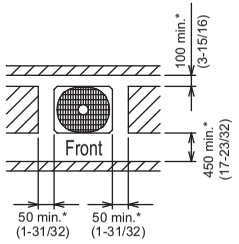
① Secure enough space around the unit as shown in the figure below.

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



<Top view>

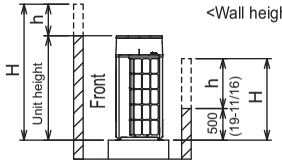
· With a space of at least 100mm(3-15/16) to the wall on the back of the unit



<Top view>

<Unit:mm(in)>

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.



<Side view>

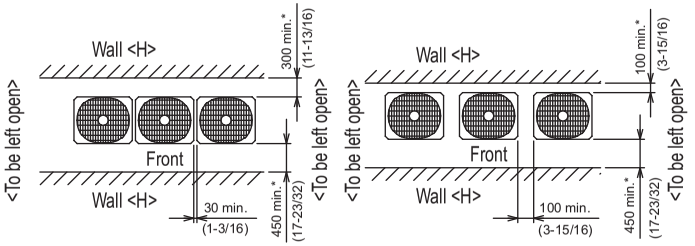
<Wall height limit> Front :Up to the unit height
Back :Up to 500mm(19-11/16) from the unit bottom
Side :Up to the unit height

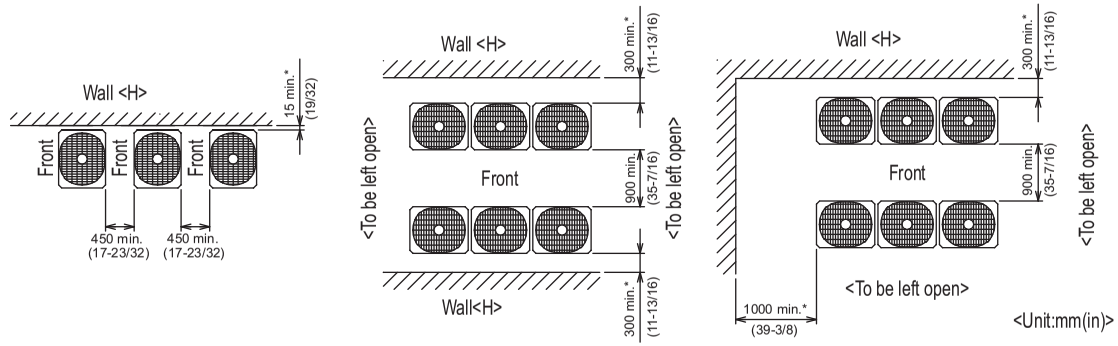
2.Foundation work

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

●In case of collective installation

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





<Unit:mm(in)>

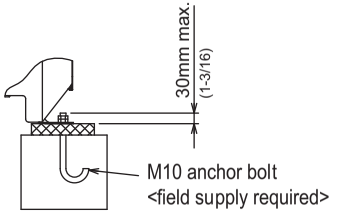


Fig.A

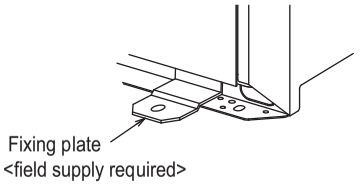


Fig.B

Unit : mm(in.)

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

Unit : mm(in.)

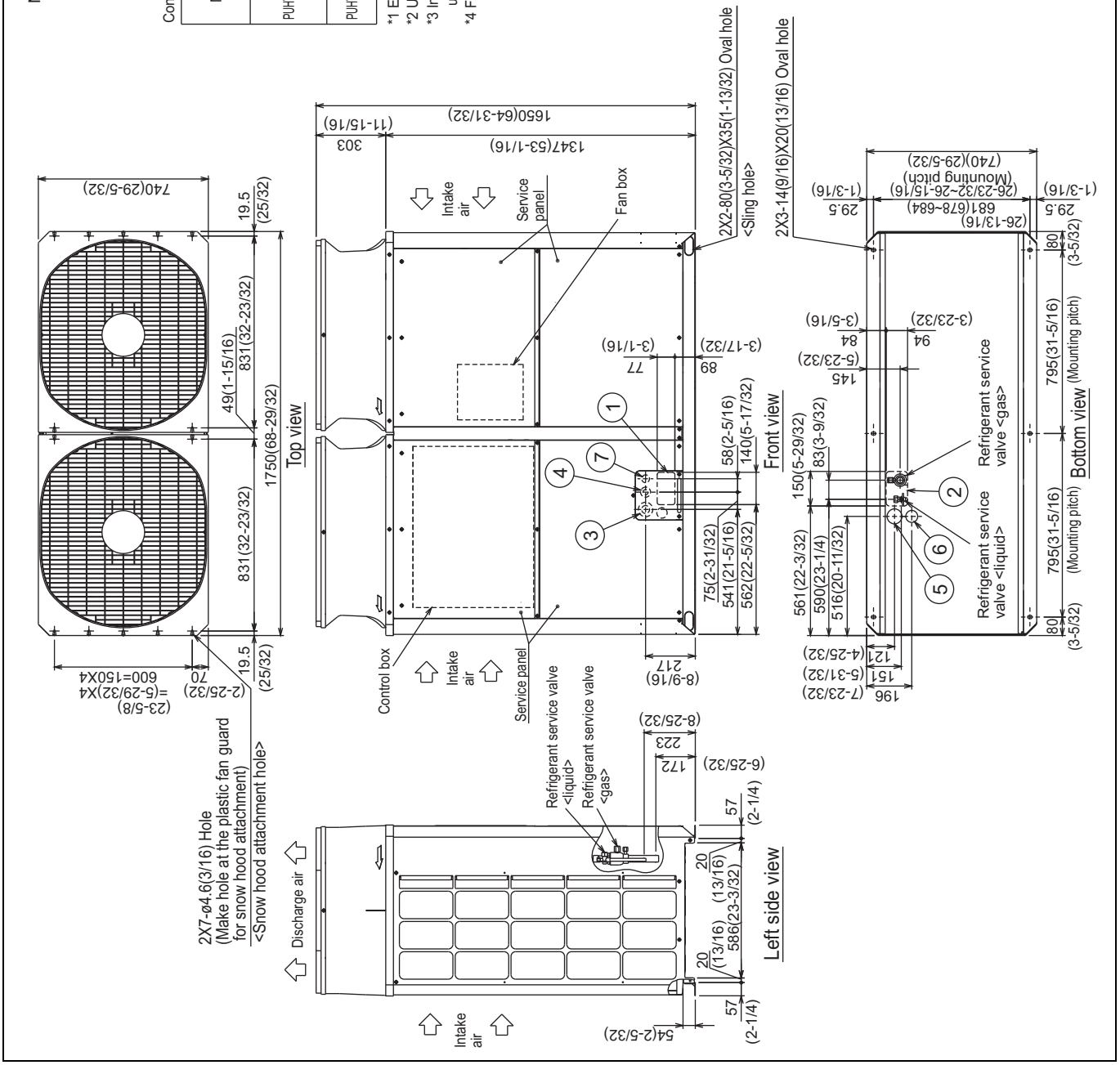
Note1. Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
2. At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

Connecting pipe specifications

Model	Diameter			
	Refrigerant pipe		Service valve	
	Liquid	Gas	Liquid	Gas
PUHY-P120TKMU	ø9.52 Brazed (3/8) *2 (ø12.7 Brazed) (1/2) *1 *3 *4	ø28.58 Brazed (1-1/8) *2	ø12.7 (1/2)	ø28.58 (1-1/8)
PUHY-P144TKMU	ø12.7 Brazed (1/2) *1			

*1 Expand the on-site piping and connect to the refrigerant service valve piping.
*2 Use the pipe joint(field supply) and connect to the refrigerant service valve piping.
*3 Indicates dimensions and connection specifications in the case the unit is used in combination with other outdoor units.
*4 Furthest piping length (OU from IU) ≧40m(131ft)

NO.	Usage		Specifications
①	For pipes	Front through hole	140 × 77 Knockout hole (5-17/32)(3-1/16)
②		Bottom through hole	150 × 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		Bottom through hole	ø52 Knockout hole (2-1/16)
⑦	For transmission cables	Front through hole	ø34 Knockout hole (1-11/32)



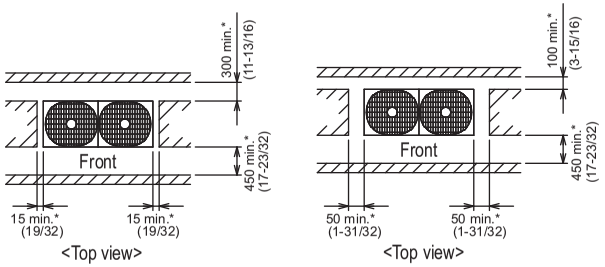
1.Required space around the unit

●In case of single installation

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

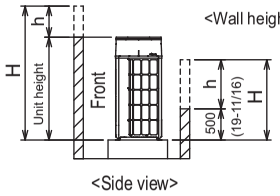
· With a space of at least 300mm(11-13/16) to the wall on the back of the unit

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



<Unit:mm(in)>

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.



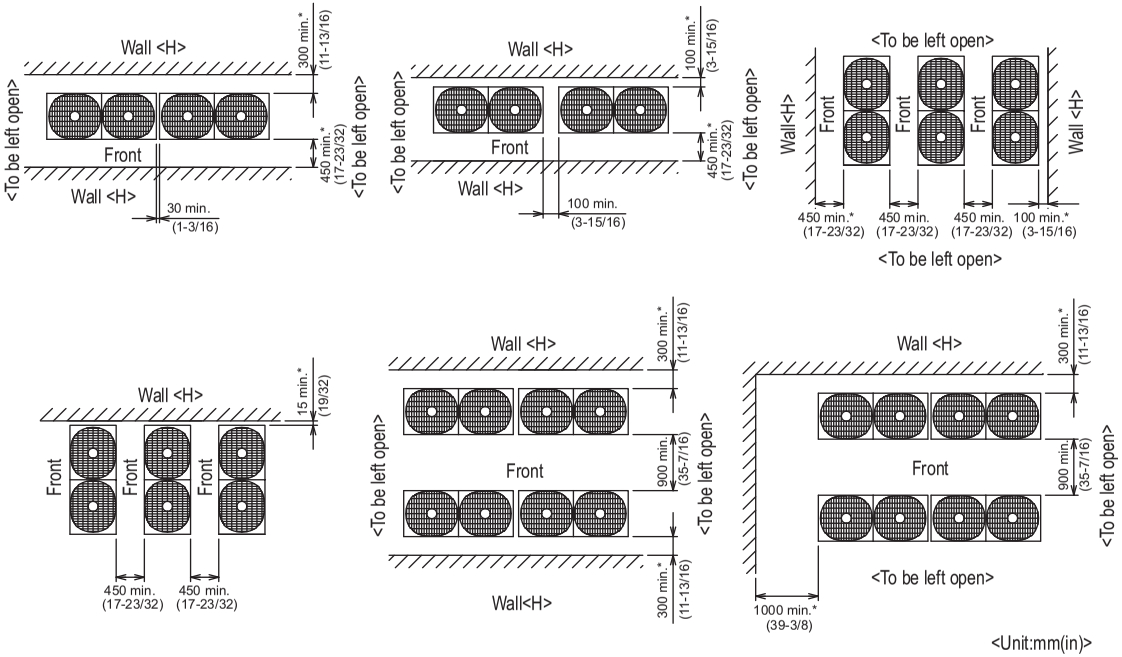
<Wall height limit> Front :Up to the unit height
Back :Up to 500mm(19-11/16) from the unit bottom
Side :Up to the unit height

2.Foundation work

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

●In case of collective installation

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



<Unit:mm(in)>

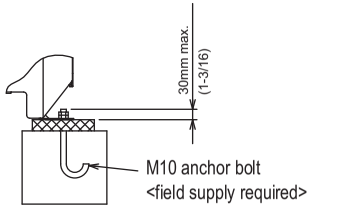


Fig.A

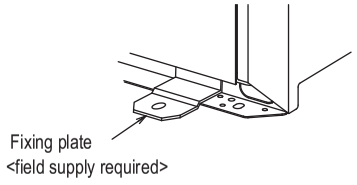
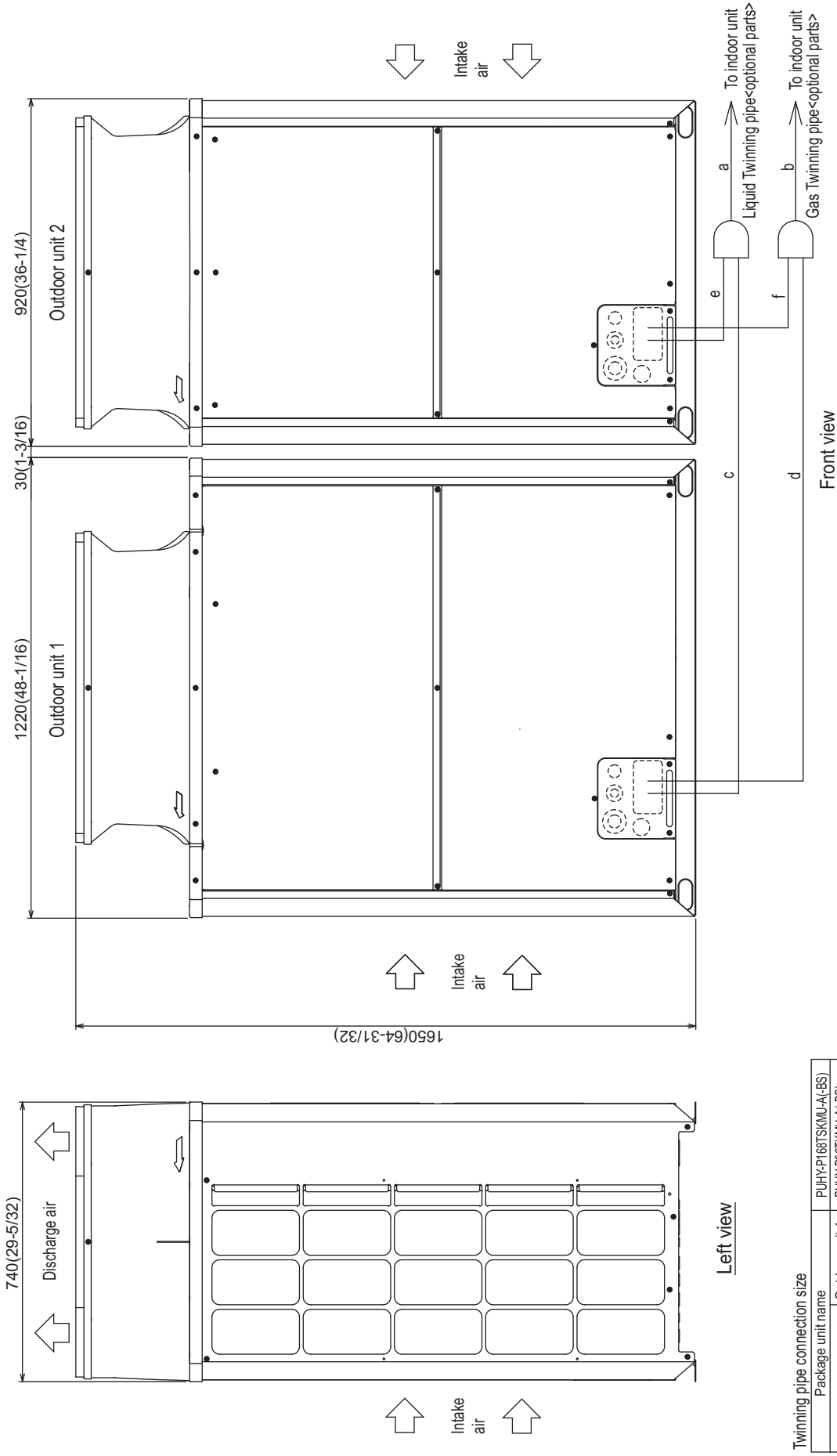


Fig.B

Unit : mm(in.)

PUHY-P168TSKMU-A(-BS)

Unit : mm(in.)



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

Twinning pipe connection size

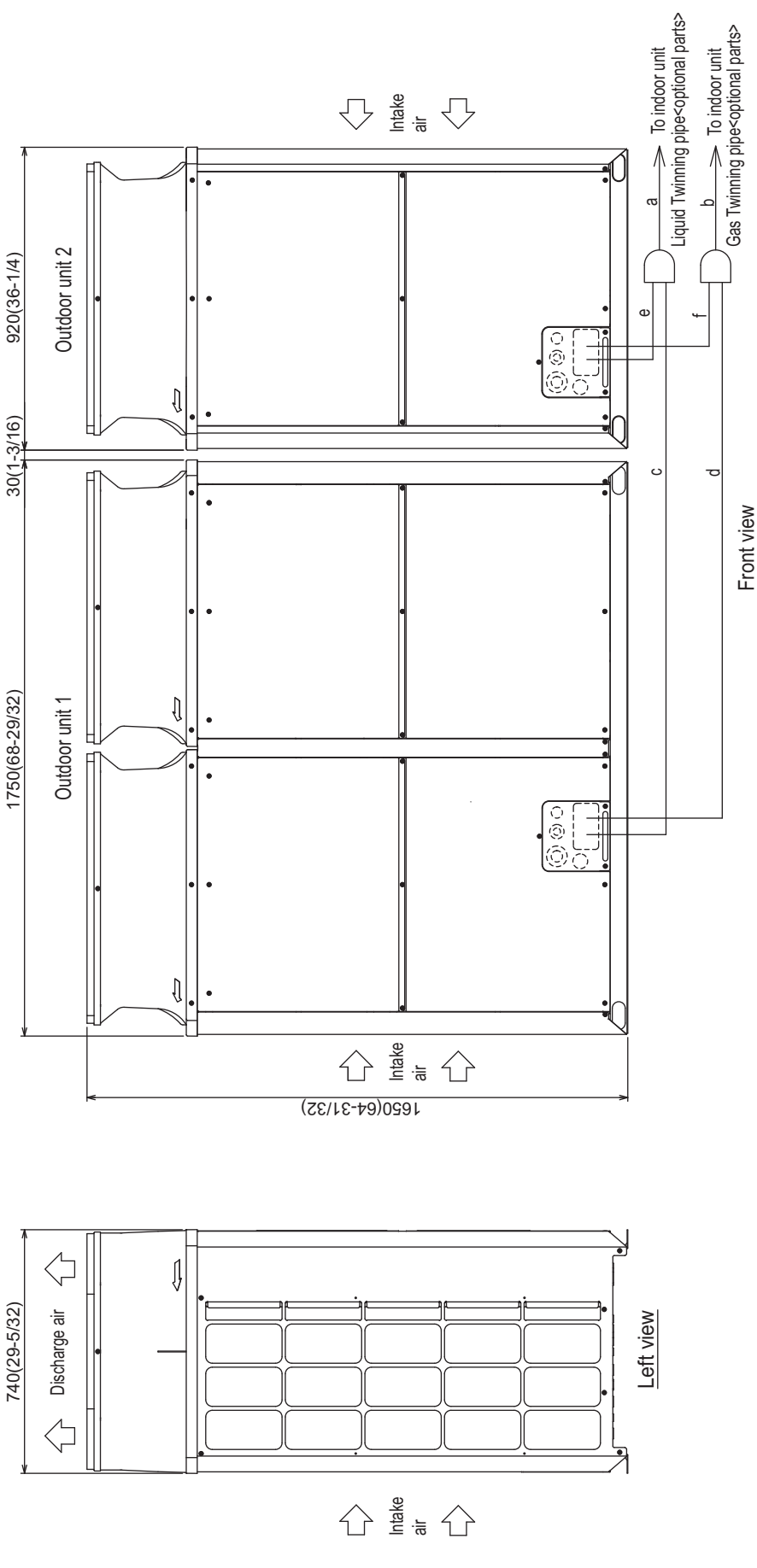
Package unit name			PUHY-P168TSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P96TKMU-A(-BS)
	Outdoor unit 2		PUHY-P72TKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100CBK3
Indoor unit–Twinning pipe	Liquid	a	ø15.88(5/8)
	Gas	b	ø28.58(1-1/8)

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).

2. EXTERNAL DIMENSIONS

PUHY-P192TSKMU-A(-BS)

Unit : mm(in.)



		Unit model	Liquid	Gas
Twinning pipe–Outdoor unit			c or e	d or f
		P72	ø9.52(3/8)	ø22.2(7/8)
		P120	ø12.7(1/2)	ø28.58(1-1/8)

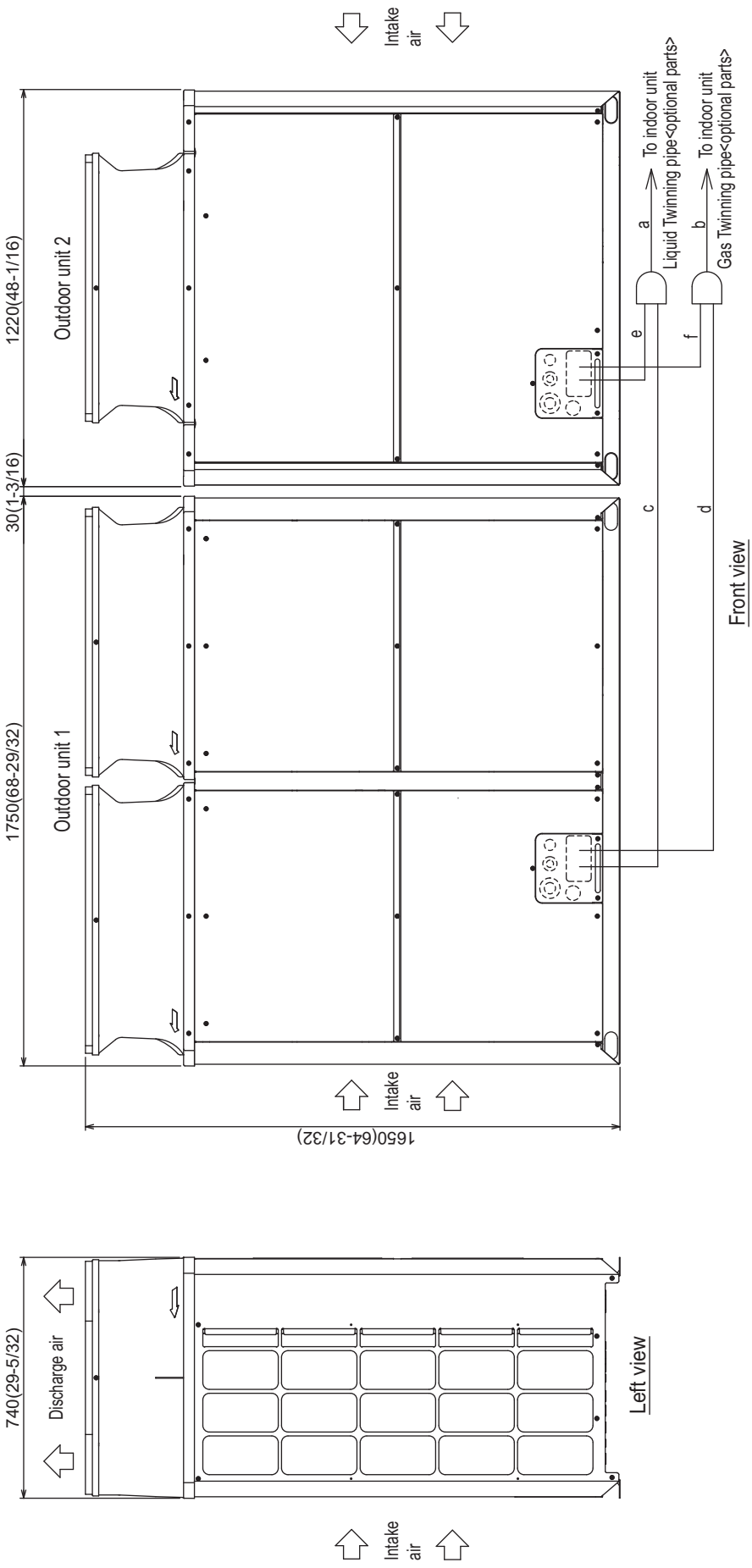
Twinning pipe connection size

Package unit name			PUHY-P192TSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120TKMU-A(-BS)
	Outdoor unit 2		PUHY-P72TKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100CBK3
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-P216TSKMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

Package unit name		PUHY-P216TSKMU-A(-BS)
Component unit name	Outdoor unit 1	PUHY-P120TKMU-A(-BS)
	Outdoor unit 2	PUHY-P96TKMU-A(-BS)
Outdoor Twinning Kit(optional parts)		CMY-Y100CBK3
Indoor unit~Twinning pipe	Liquid a	ø15.88(5/8)
	Gas b	ø28.58(1-1/8)

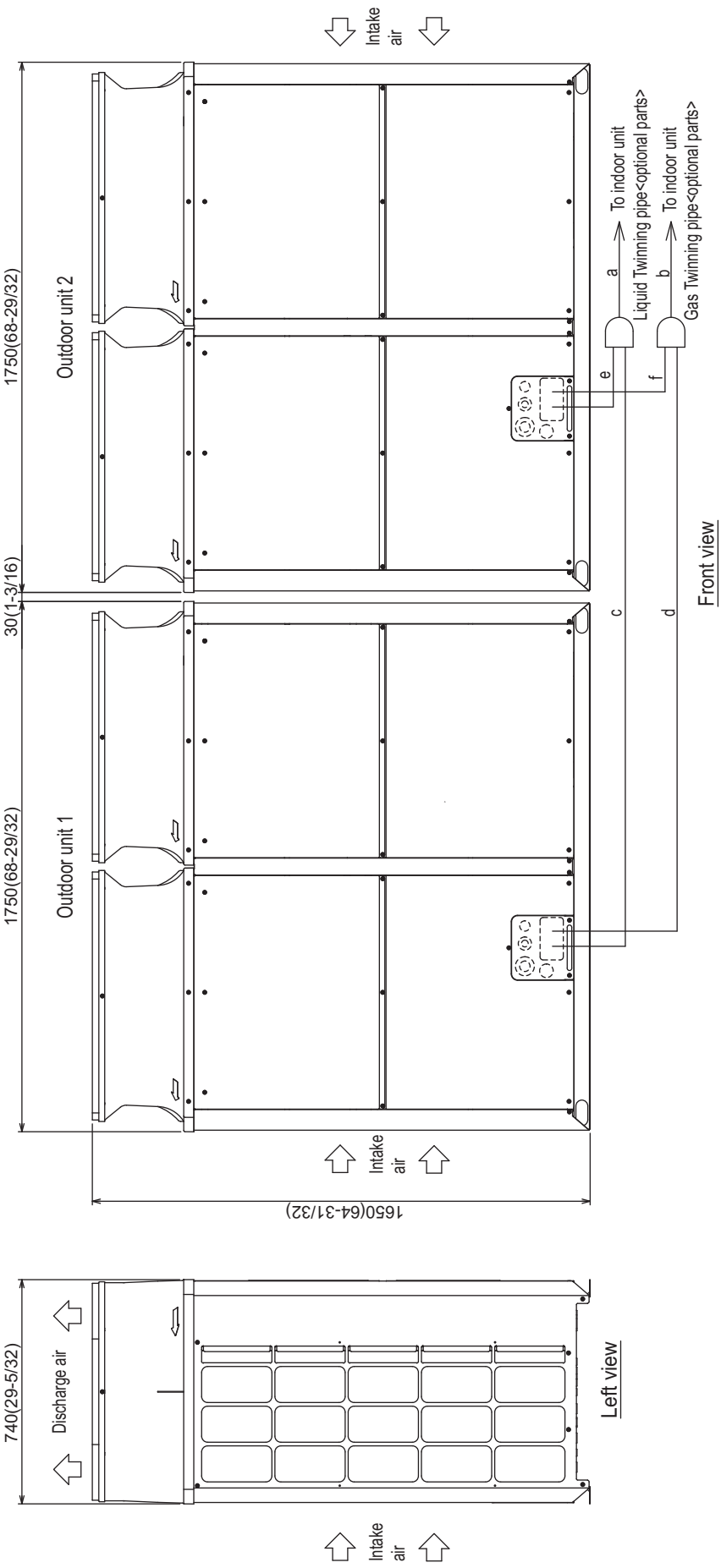
Twinning pipe~Outdoor unit	Unit model	Liquid	Gas
		c or e	d or f
	P96	ø9.52(3/8)	ø22.2(7/8)
	P120	ø12.7(1/2)	ø28.58(1-1/8)

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-P240TSKMU-A(-BS)

Unit : mm(in.)



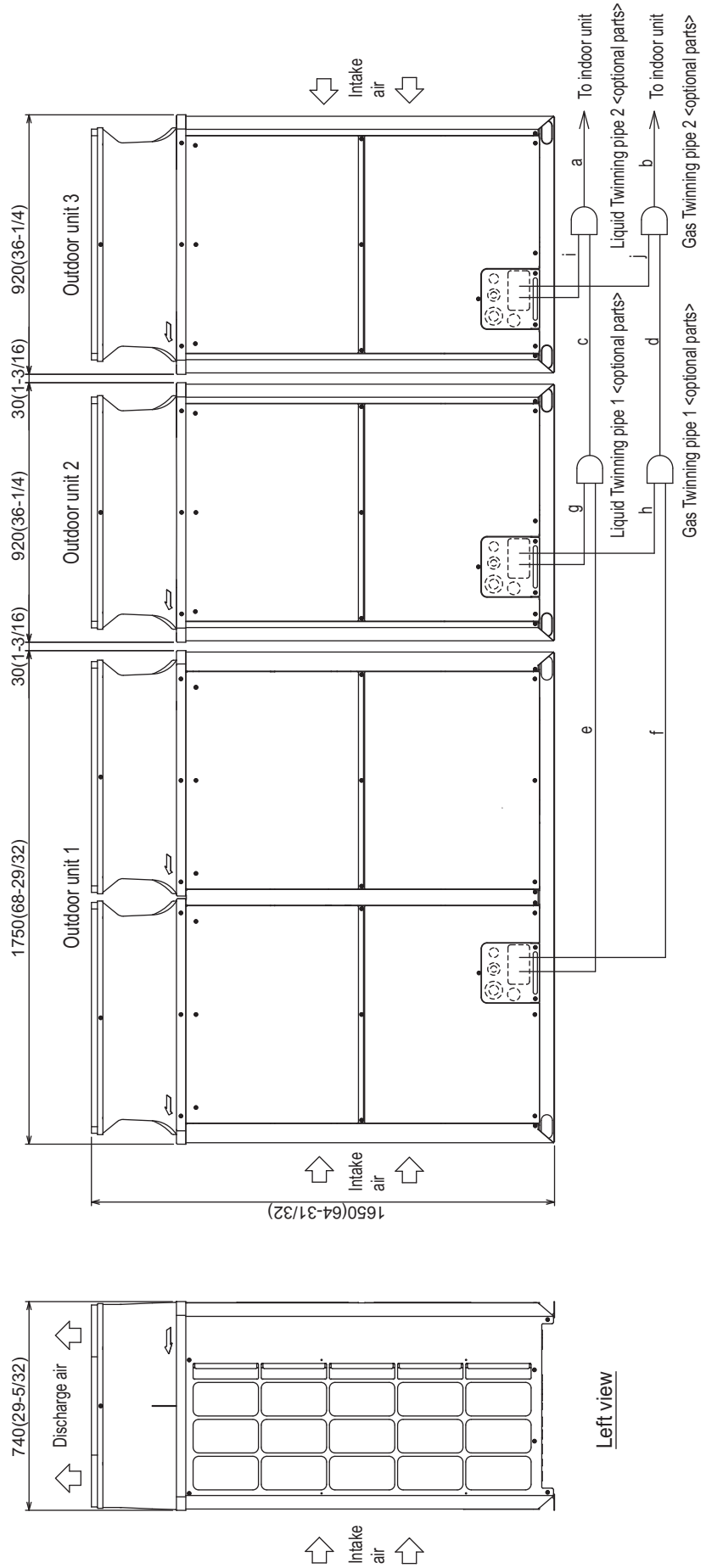
Twinning pipe connection size			
Package unit name			PUHY-P240TSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120TKMU-A(-BS)
	Outdoor unit 2		PUHY-P120TKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100CBK3
Indoor unit–Twinning pipe	Liquid	a	ø15.88(5/8)
	Gas	b	ø28.58(1-1/8)

	Unit model	Liquid	Gas
Twinning pipe–Outdoor unit	P120	c or e	d or f
		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).

PUHY-P264TSKMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

Package unit name			PUHY-P264TSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120TKMU-A(-BS)
	Outdoor unit 2		PUHY-P72TKMU-A(-BS)
	Outdoor unit 3		PUHY-P72TKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300CBK2
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)

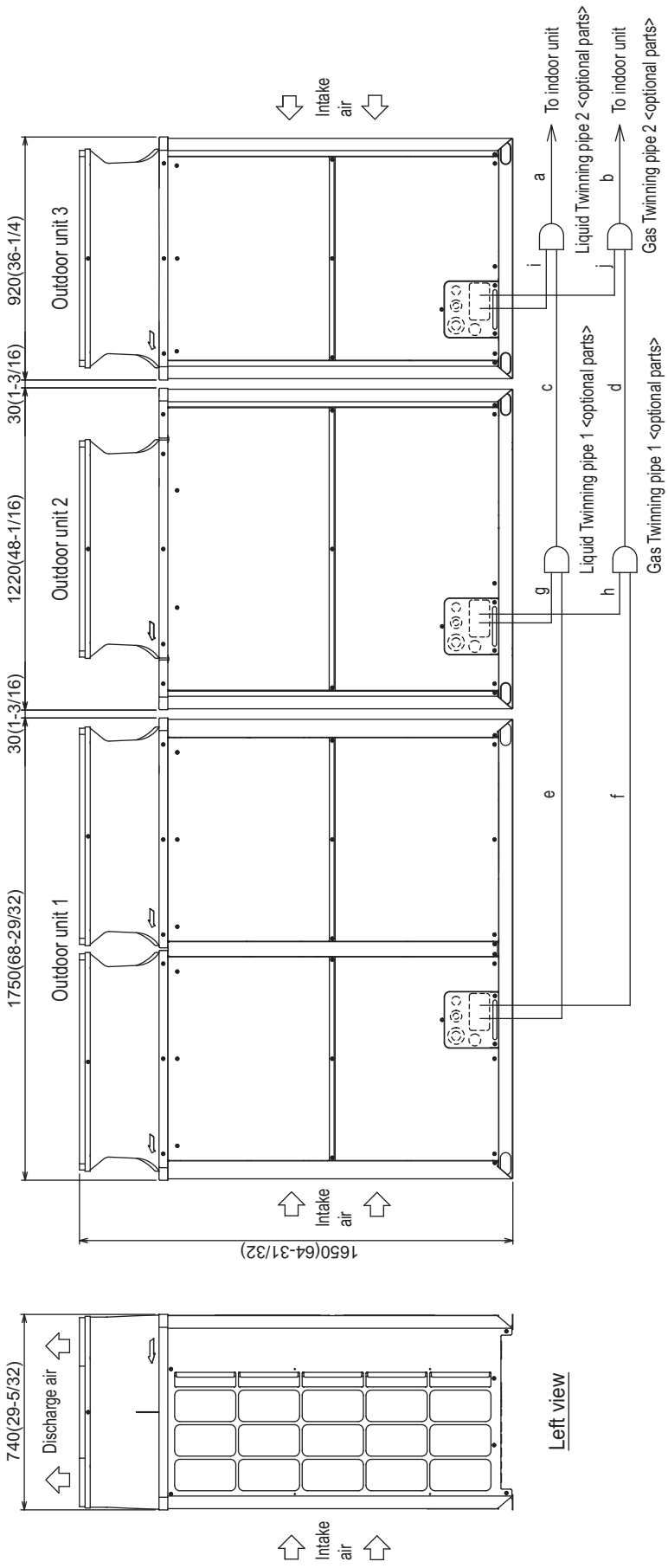
	Unit model	Liquid	Gas
		e or g or i	f or h or j
Twinning pipe~Outdoor unit	P72	ø9.52(3/8)	ø22.2(7/8)
	P120	ø12.7(1/2)	ø28.58(1-1/8)

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-P288TSKMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

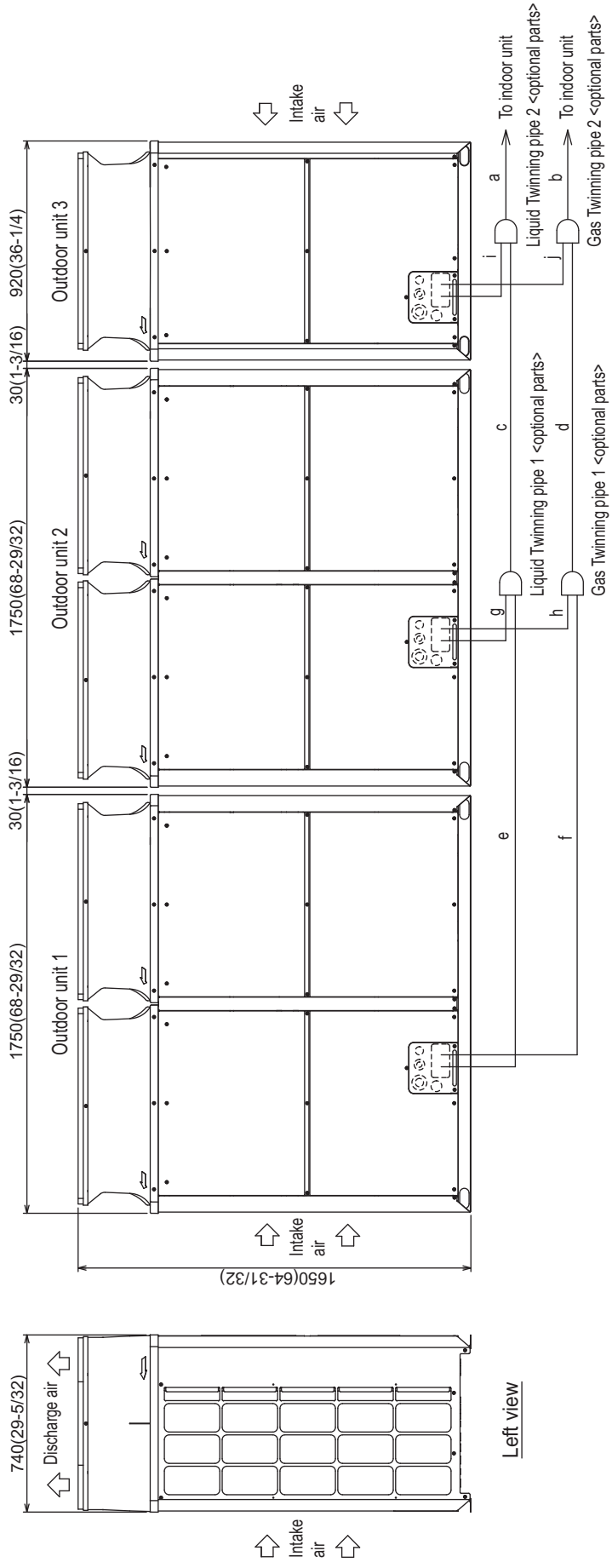
Package unit name			PUHY-P288TSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120TKMU-A(-BS)
	Outdoor unit 2		PUHY-P96TKMU-A(-BS)
	Outdoor unit 3		PUHY-P72TKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300CBK2
Indoor unit~Twinning pipe 2	Liquid	a	ø19.05(3/4)
	Gas	b	ø34.93(1-3/8)
Twinning pipe 1~Twinning pipe 2	Liquid	c	ø19.05(3/4)
	Gas	d	ø34.93(1-3/8)

Twinning pipe~Outdoor unit	Unit model	Liquid	Gas
		e or g or i	f or h or j
	P72	ø9.52(3/8)	ø22.2(7/8)
	P96	ø9.52(3/8)	ø22.2(7/8)
	P120	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).

PUHY-P312TSKMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

Package unit name			PUHY-P312TSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120TKMU-A(-BS)
	Outdoor unit 2		PUHY-P120TKMU-A(-BS)
	Outdoor unit 3		PUHY-P72TKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300CBK2
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)

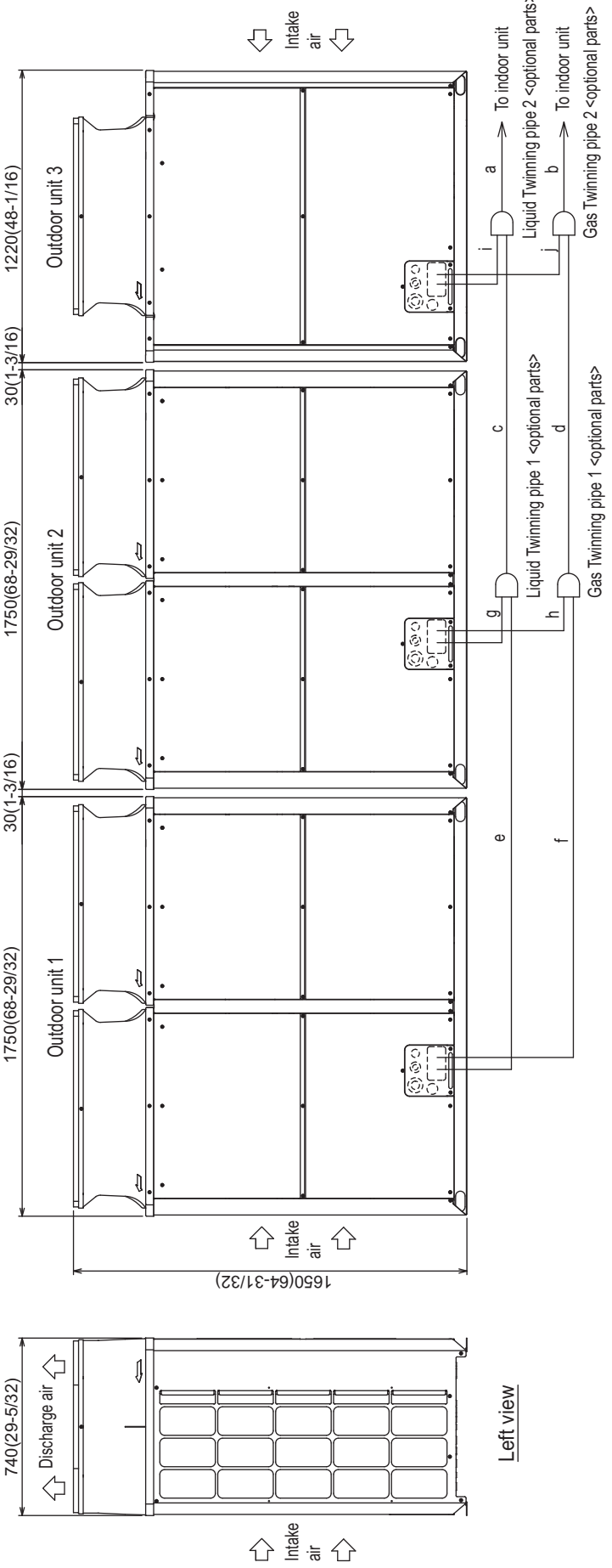
	Unit model	Liquid	Gas
		e or g or i	f or h or j
Twinning pipe~Outdoor unit	P72	ø9.52(3/8)	ø22.2(7/8)
	P120	ø12.7(1/2)	ø28.58(1-1/8)

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-P336TSKMU-A(-BS)

Unit : mm(in.)



Left view

Front view

Twinning pipe connection size

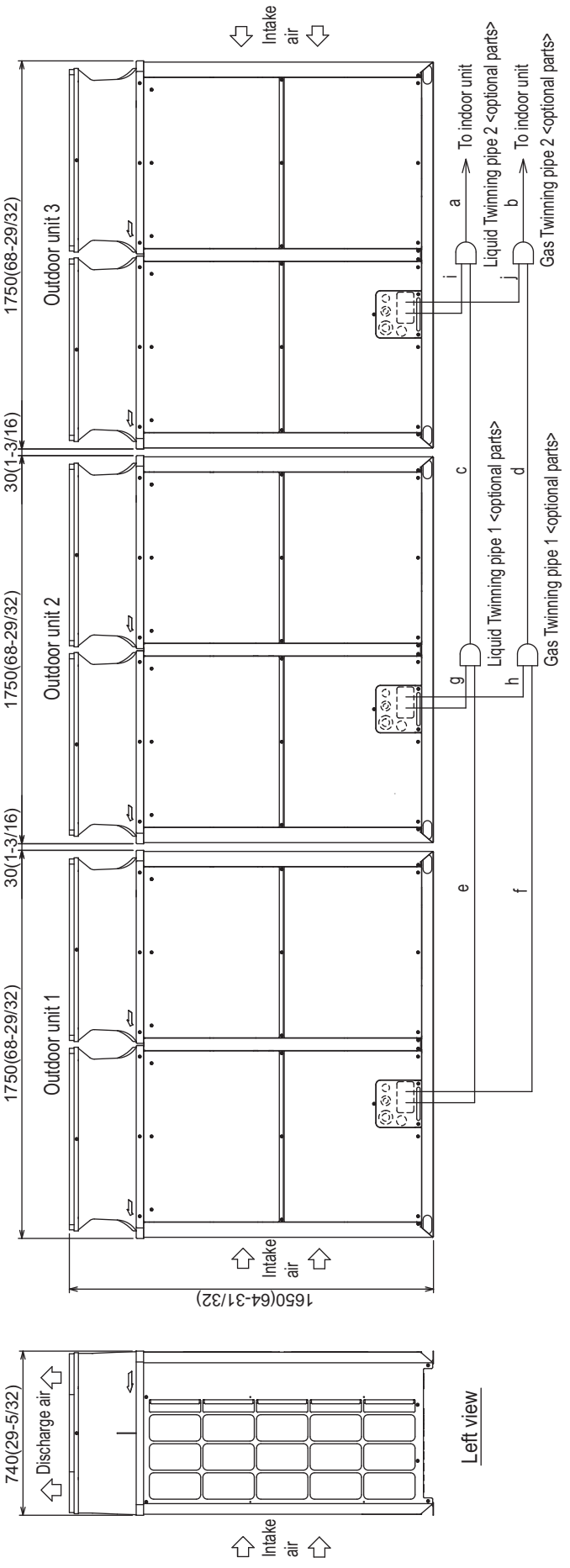
Package unit name			PUHY-P336TSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120TKMU-A(-BS)
	Outdoor unit 2		PUHY-P120TKMU-A(-BS)
	Outdoor unit 3		PUHY-P96TKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300CBK2
Indoor unit~Twinning pipe 2	Liquid	a	ø19.05(3/4)
	Gas	b	ø41.28(1-5/8)
Twinning pipe 1~Twinning pipe 2	Liquid	c	ø19.05(3/4)
	Gas	d	ø34.93(1-3/8)

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

PUHY-P360TSKMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

Package unit name			PUHY-P360TSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120TKMU-A(-BS)
	Outdoor unit 2		PUHY-P120TKMU-A(-BS)
	Outdoor unit 3		PUHY-P120TKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300CBK2
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	P120	e or g or i	f or h or j
		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-P72YKMU-A(-BS)

Unit : mm(in.)

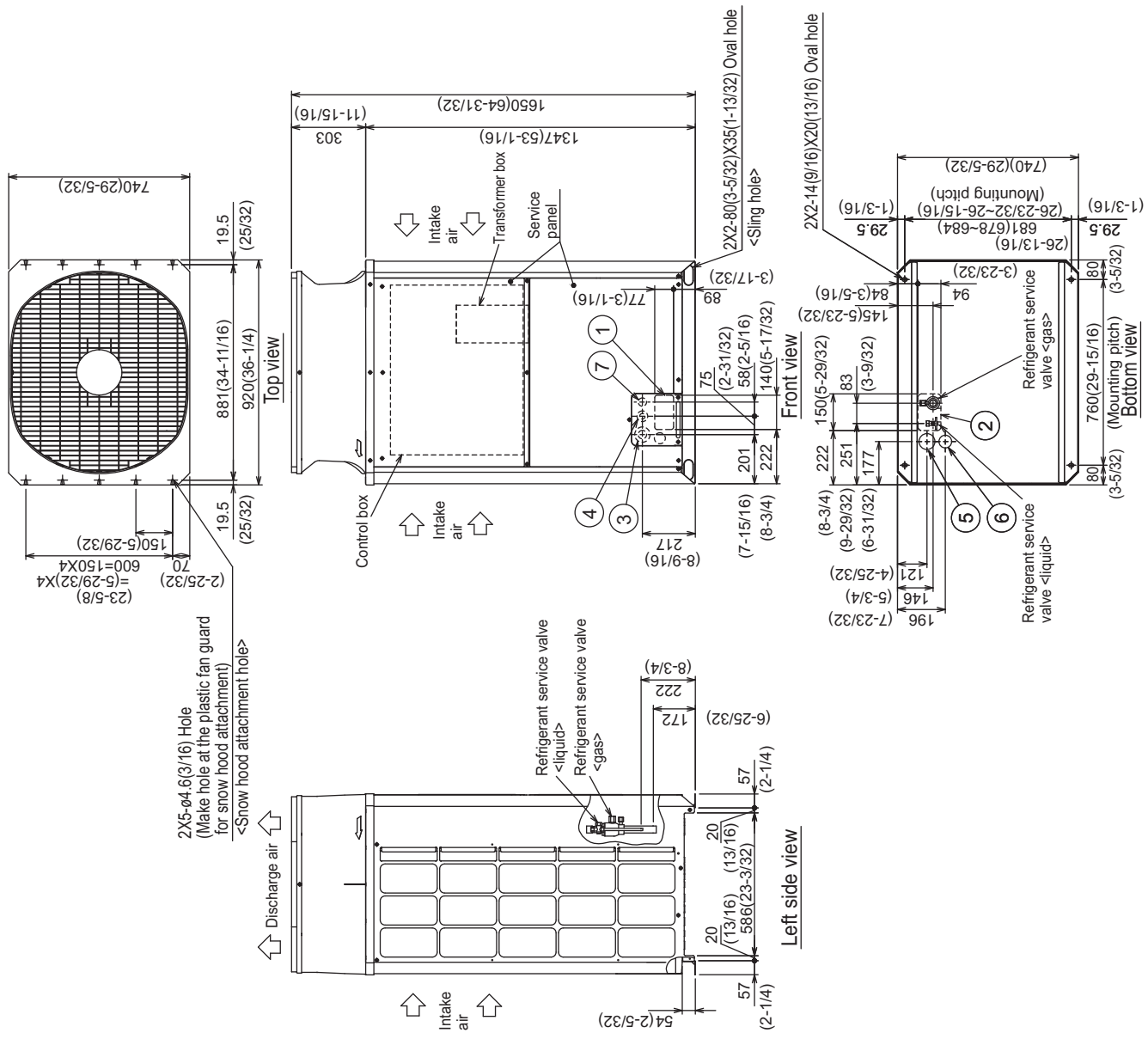
Note1. Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
2. At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

Connecting pipe specifications

Model	Diameter			
	Refrigerant pipe		Service valve	
	Liquid	Gas	Liquid	Gas
PUHY-P72YKMU	ø9.52 Brazed (3/8) *1	ø22.2 Brazed (7/8) *2	ø9.52 (3/8)	ø28.58 (1-1/8)

*1 Expand the on-site piping and connect to the refrigerant service valve piping.
*2 Use the pipe joint(field supply) and connect to the refrigerant service valve piping.

NO.	Usage		Specifications
①	For pipes	Front through hole	140 × 77 Knockout hole (5-17/32) (3-1/16)
②		Bottom through hole	150 × 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		Bottom through hole	ø52 Knockout hole (2-1/16)
⑦	For transmission cables	Front through hole	ø34 Knockout hole (1-11/32)



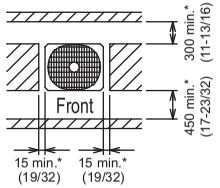
PUHY-P72YKMU-A(-BS)

1.Required space around the unit

●In case of single installation

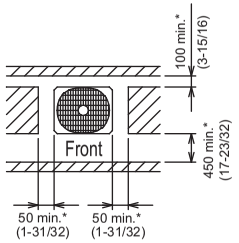
① Secure enough space around the unit as shown in the figure below.

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



<Top view>

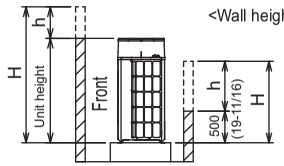
· With a space of at least 100mm(3-15/16) to the wall on the back of the unit



<Top view>

<Unit:mm(in)>

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.

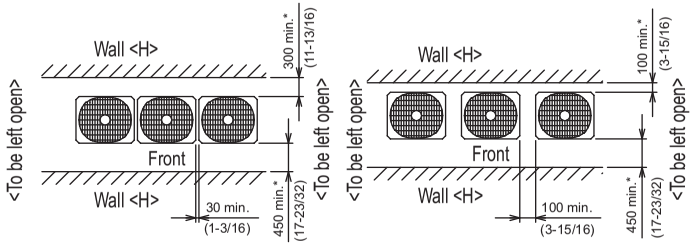


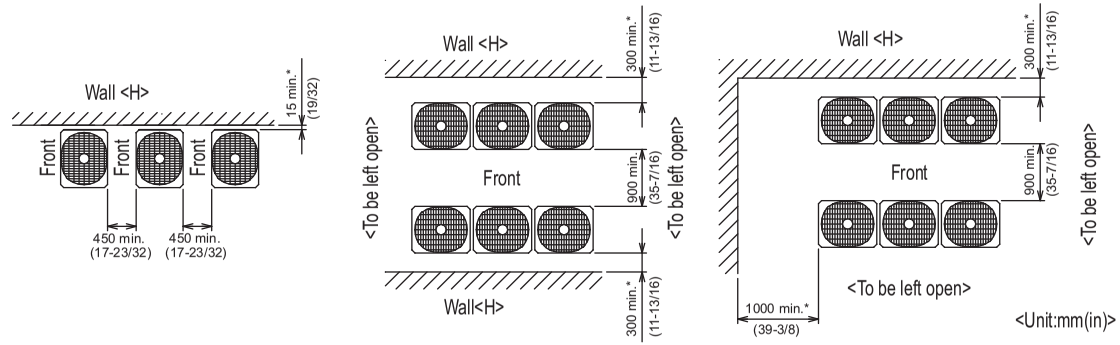
<Side view>

<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.





<Unit:mm(in)>

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.

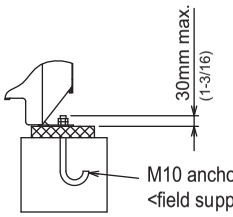


Fig.A

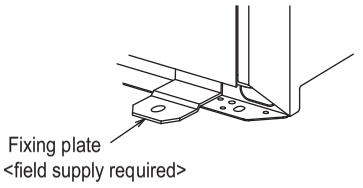


Fig.B

Unit : mm(in.)

Y

PUHY-P96YKMU-A(-BS)

Unit : mm(in.)

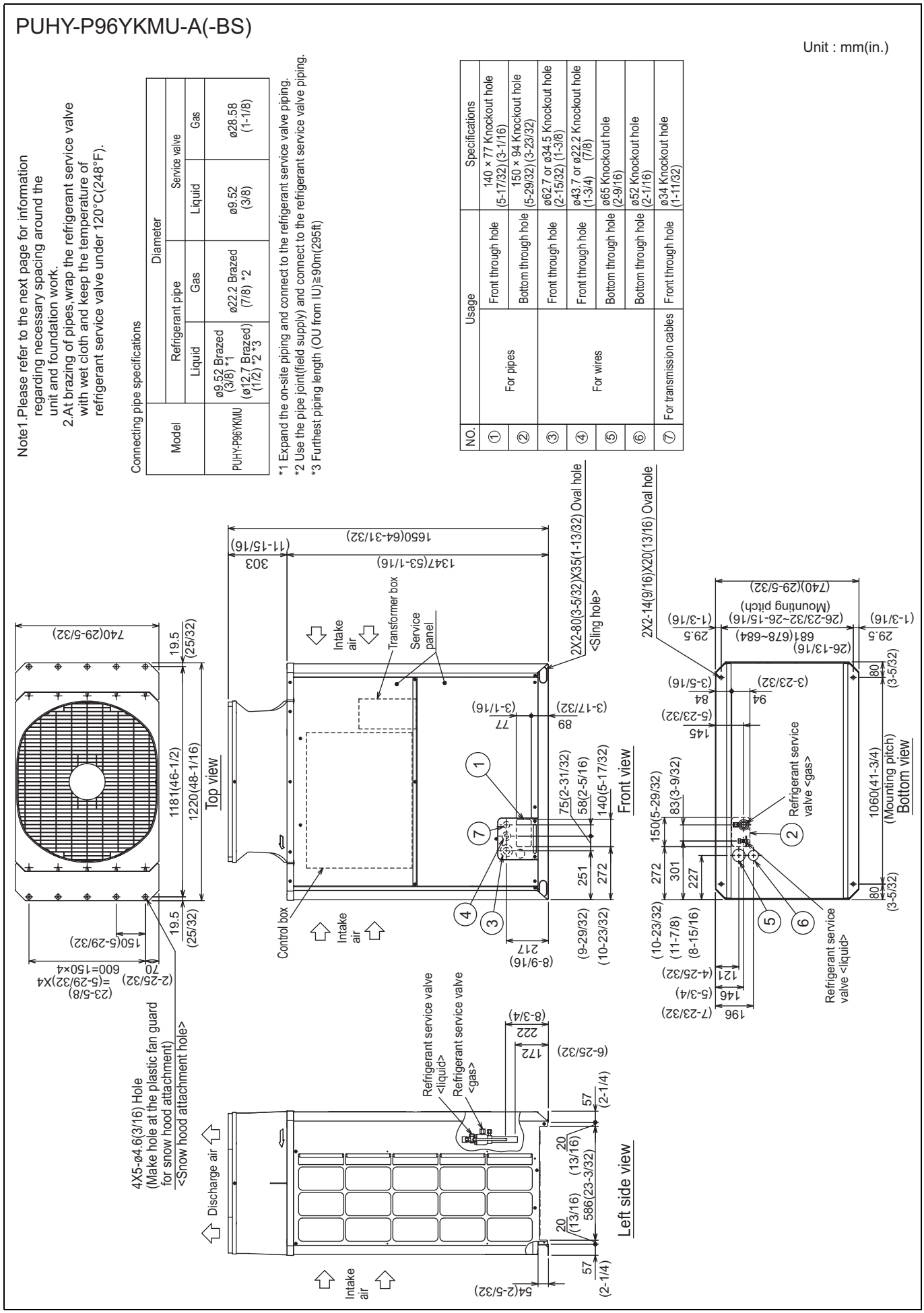
Note1.Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
2.At brazing of pipes,wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

Connecting pipe specifications

Model	Diameter			
	Refrigerant pipe		Service valve	
	Liquid	Gas	Liquid	Gas
PUHY-P96YKMU	ø9.52 Brazed (3/8) *1 (ø12.7 Brazed) (1/2) *3	ø22.2 Brazed (7/8) *2	ø9.52 (3/8)	ø28.58 (1-1/8)

*1 Expand the on-site piping and connect to the refrigerant service valve piping.
*2 Use the pipe joint(field supply) and connect to the refrigerant service valve piping.
*3 Furthest piping length (OU from IU)≦90m(295ft)

NO.	Usage		Specifications
①	For pipes	Front through hole	140 × 77 Knockout hole (5-17/32) (3-1/16)
②		Bottom through hole	150 × 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		Bottom through hole	ø52 Knockout hole (2-1/16)
⑦	For transmission cables	Front through hole	ø34 Knockout hole (1-11/32)



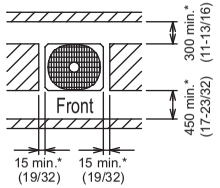
PUHY-P96YKMU-A(-BS)

1.Required space around the unit

●In case of single installation

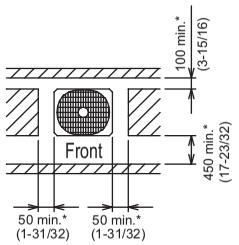
① Secure enough space around the unit as shown in the figure below.

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



<Top view>

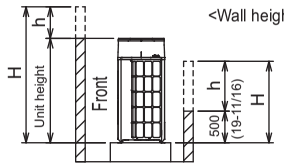
· With a space of at least 100mm(3-15/16) to the wall on the back of the unit



<Top view>

<Unit:mm(in)>

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.



<Side view>

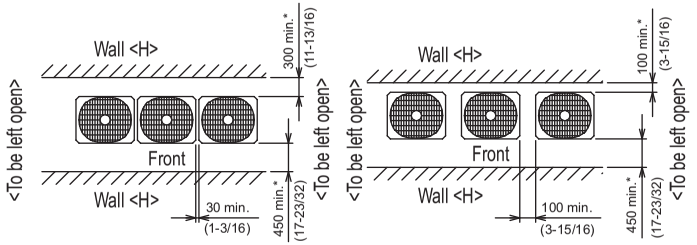
<Wall height limit> Front :Up to the unit height
Back :Up to 500mm(19-11/16) from the unit bottom
Side :Up to the unit height

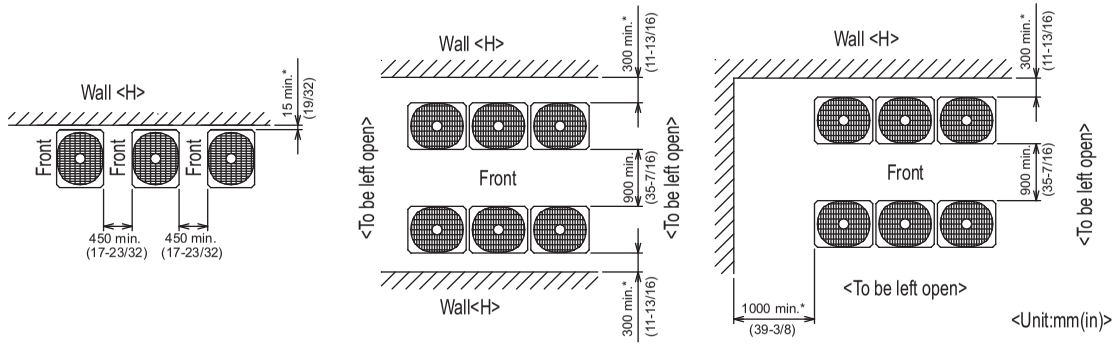
2.Foundation work

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

●In case of collective installation

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





<Unit:mm(in)>

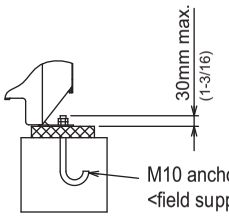


Fig.A

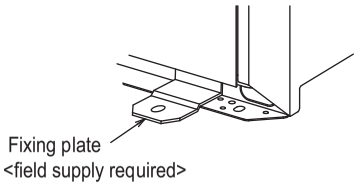


Fig.B

Unit : mm(in.)

Y

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

Unit : mm(in.)

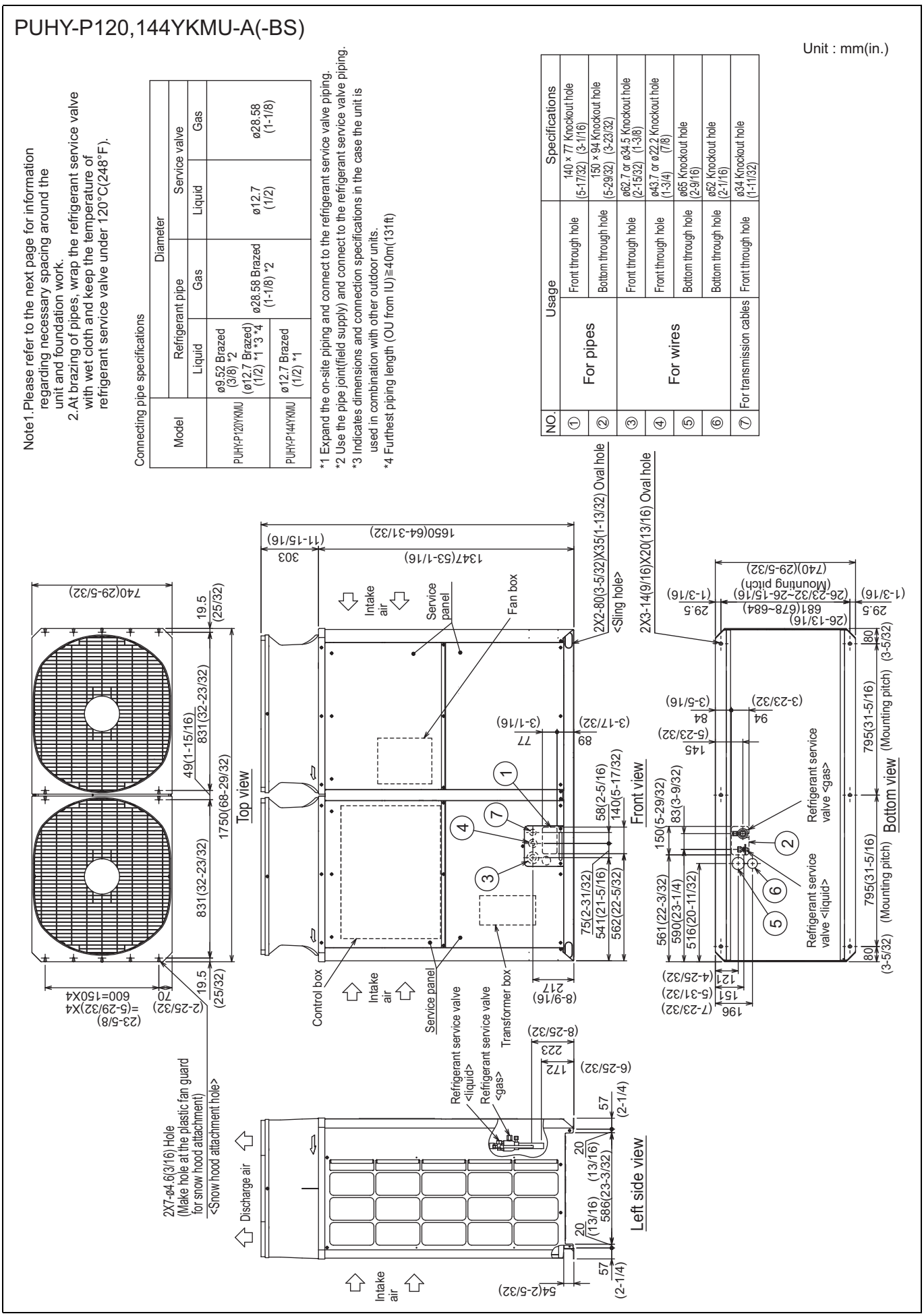
Note1. Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
2. At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

Connecting pipe specifications

Model	Diameter			
	Refrigerant pipe		Service valve	
	Liquid	Gas	Liquid	Gas
PUHY-P120YKMU	ø9.52 Brazed (3/8) *2 (ø12.7 Brazed) (1/2) *1 *3 *4	ø28.58 Brazed (1-1/8) *2	ø12.7 (1/2)	ø28.58 (1-1/8)
PUHY-P144YKMU	ø12.7 Brazed (1/2) *1			

*1 Expand the on-site piping and connect to the refrigerant service valve piping.
*2 Use the pipe joint(field supply) and connect to the refrigerant service valve piping.
*3 Indicates dimensions and connection specifications in the case the unit is used in combination with other outdoor units.
*4 Furthest piping length (OU from IU)≧40m(131ft)

NO.	Usage		Specifications
①	For pipes	Front through hole	140 × 77 Knockout hole (5-17/32) (3-1/16)
②		Bottom through hole	150 × 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		Bottom through hole	ø52 Knockout hole (2-1/16)
⑦	For transmission cables	Front through hole	ø34 Knockout hole (1-11/32)



PUHY-P120,144YKMU-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

<Unit:mm(in)>

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.

●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.

<Unit:mm(in)>

Fig.A

Fig.B

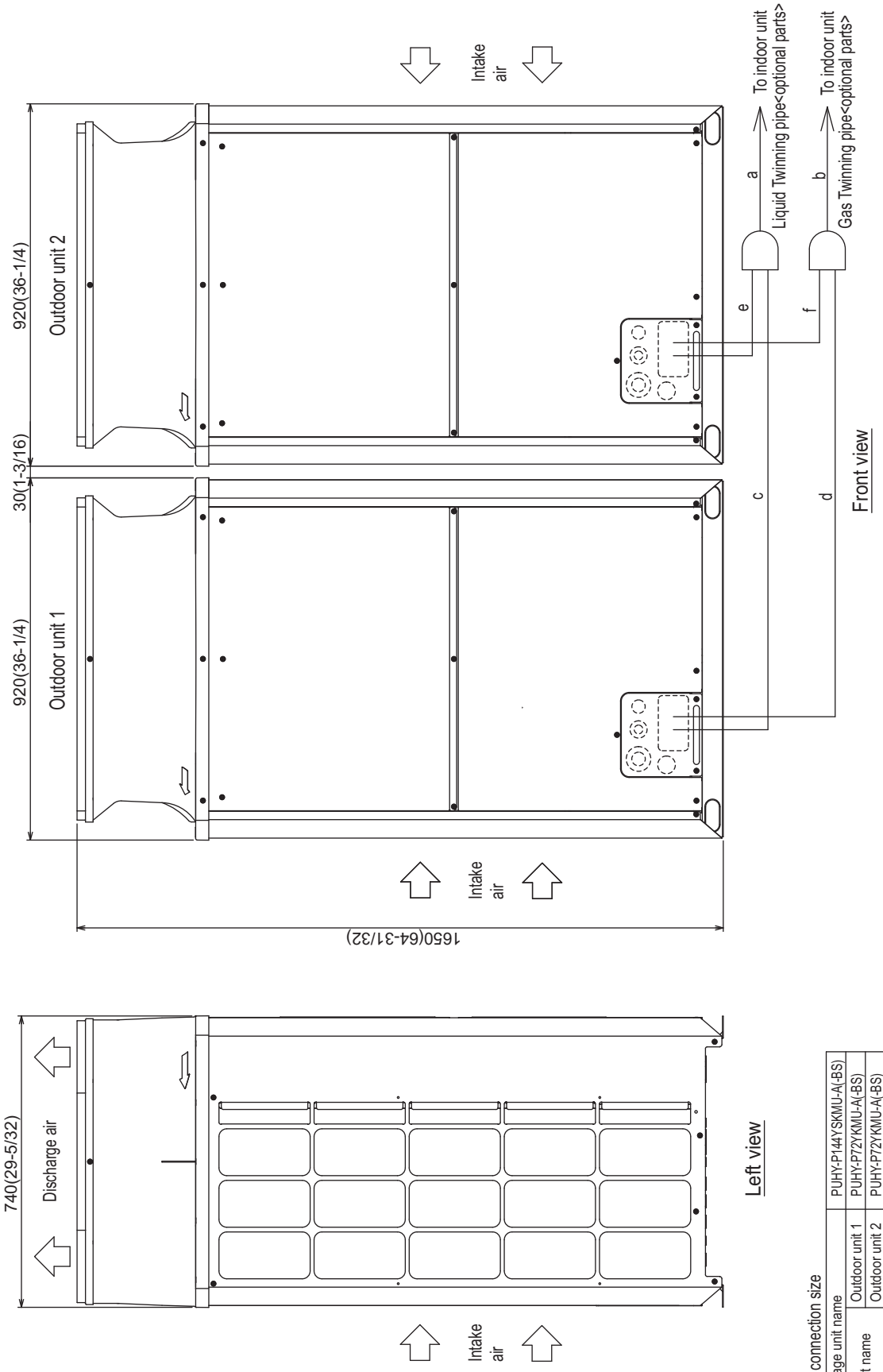
2.Foundation work

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.

2. EXTERNAL DIMENSIONS

PUHY-P144YSKMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

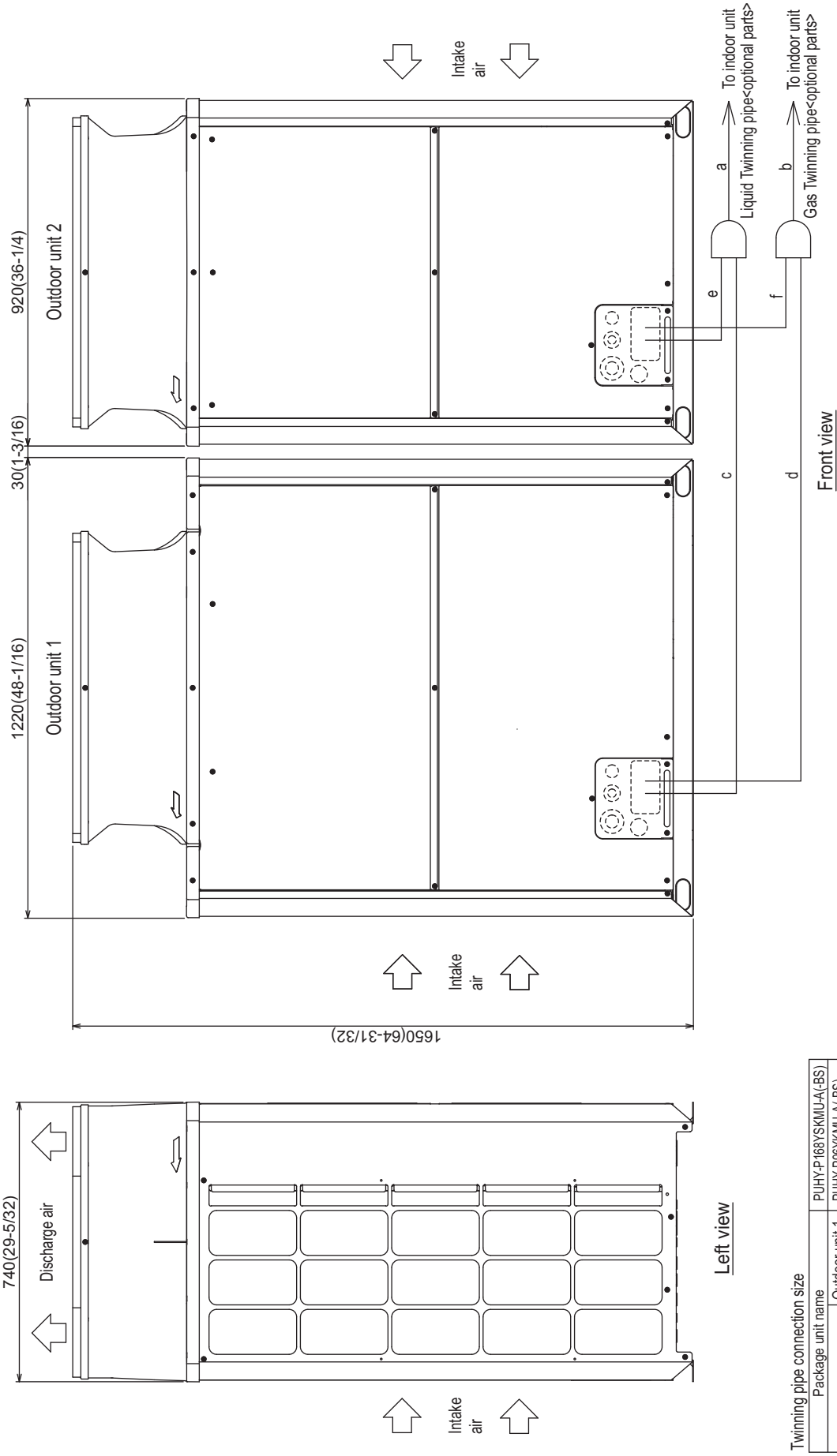
Package unit name			PUHY-P144YSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P72YKMU-A(-BS)
	Outdoor unit 2		PUHY-P72YKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100CBK3
Indoor unit~Twinning pipe	Liquid	a	ø12.7(1/2)
	Gas	b	ø28.58(1-1/8)

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

Note 1.Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
2.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-P168YSKMU-A(-BS)

Unit : mm(in.)



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

Twinning pipe connection size

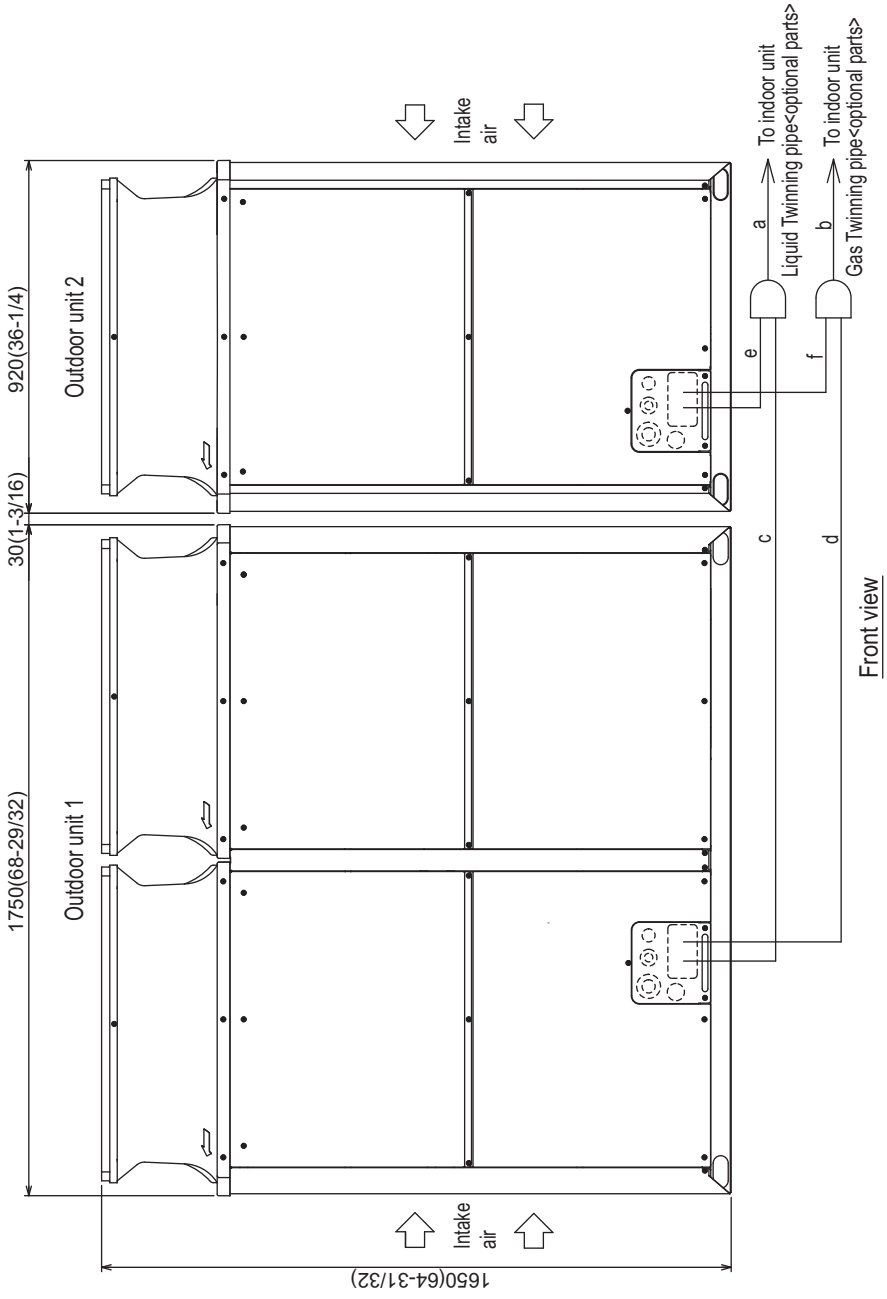
Package unit name			PUHY-P168YSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P96YKMU-A(-BS)
	Outdoor unit 2		PUHY-P72YKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100CBK3
Indoor unit–Twinning pipe	Liquid	a	ø15.88(5/8)
	Gas	b	ø28.58(1-1/8)

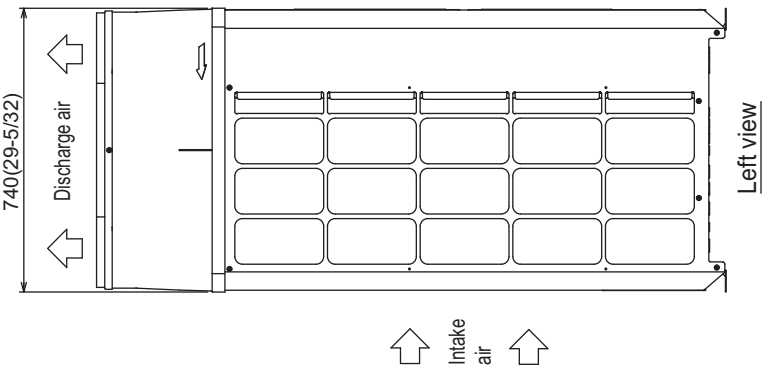
Note 1. Connect the pipes as shown in the figure above. Refer to the table above for the pipe size.
2. Twinning pipes should not be tilted more than 15 degrees from the horizontal plane.
Be sure to see the Installation Manual for details of Twinning pipe installation.
3. The pipe section before the Twinning 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).

2. EXTERNAL DIMENSIONS

PUHY-P192YSKMU-A(-BS)

Unit : mm(in.)





		Unit model	Liquid	Gas
Twinning pipe↔Outdoor unit		P72	ø9.52(3/8)	ø22.2(7/8)
		P120	ø12.7(1/2)	ø28.58(1-1/8)

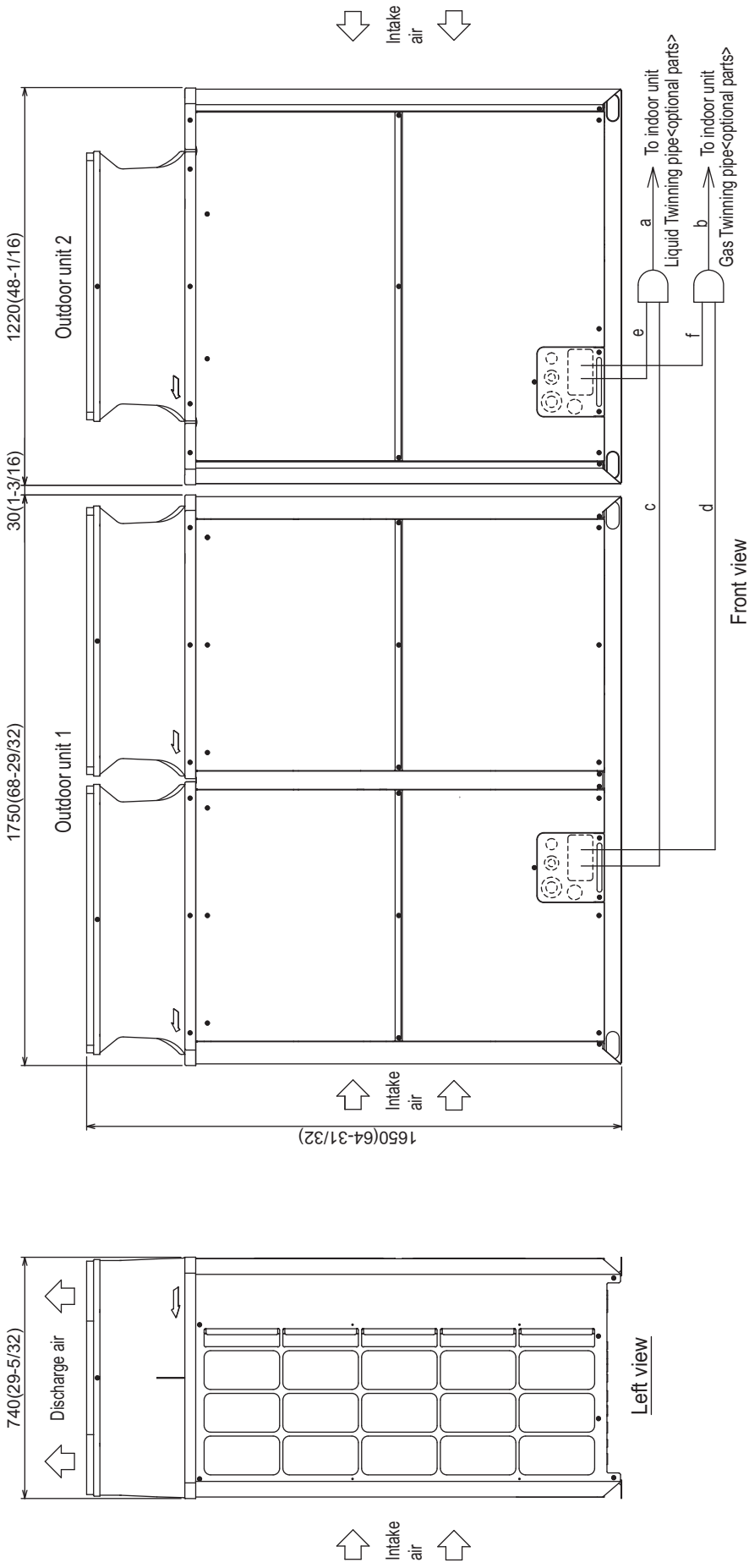
Twinning pipe connection size

Package unit name			PUHY-P192YSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120YKMU-A(-BS)
	Outdoor unit 2		PUHY-P72YKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100CBK3
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-P216YSKMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size			
Package unit name			PUHY-P216YSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120YKMU-A(-BS)
	Outdoor unit 2		PUHY-P96YKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100CBK3
Indoor unit~Twinning pipe	Liquid	a	ø15.88(5/8)
	Gas	b	ø28.58(1-1/8)

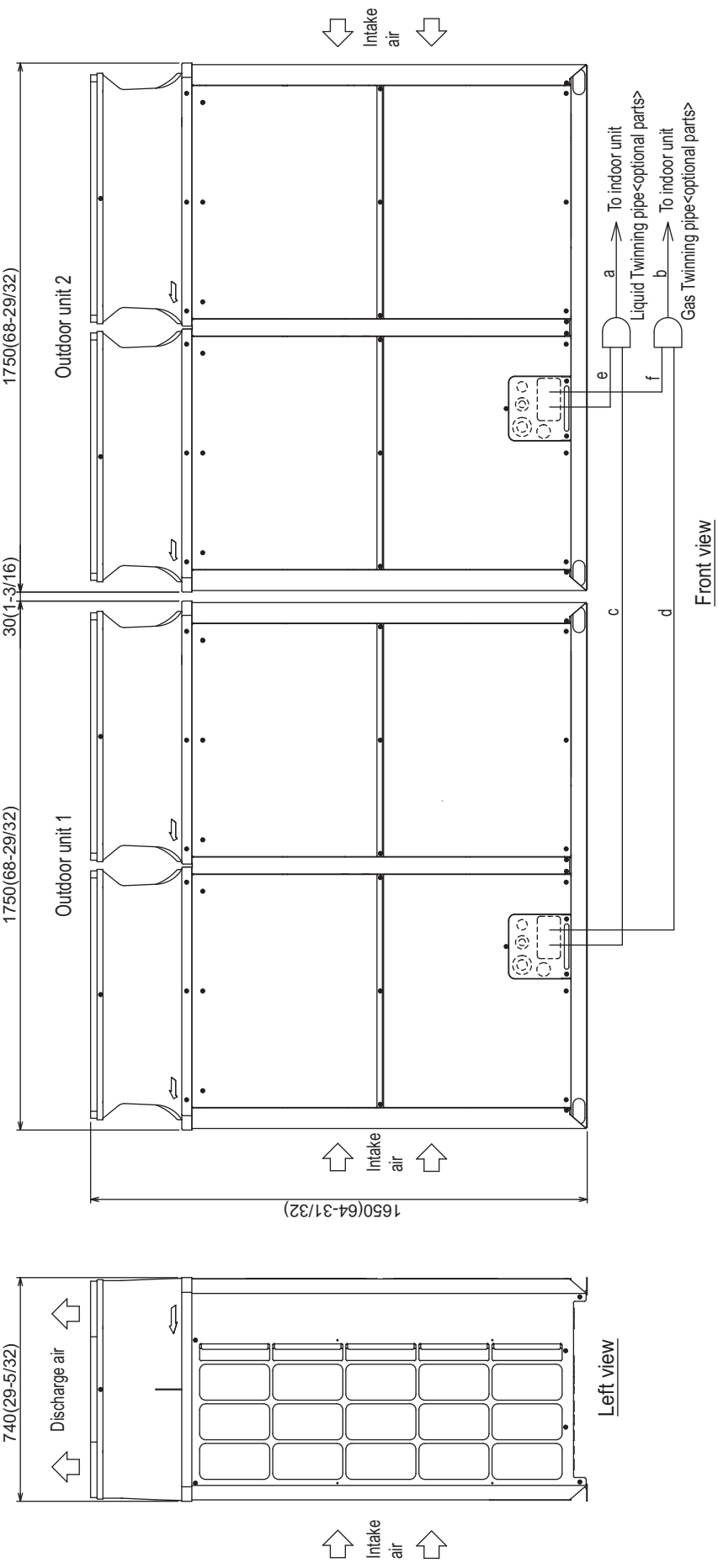
Twinning pipe~Outdoor unit	Unit model	Liquid	Gas
		c or e	d or f
	P96	ø9.52(3/8)	ø22.2(7/8)
	P120	ø12.7(1/2)	ø28.58(1-1/8)

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-P240YSKMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

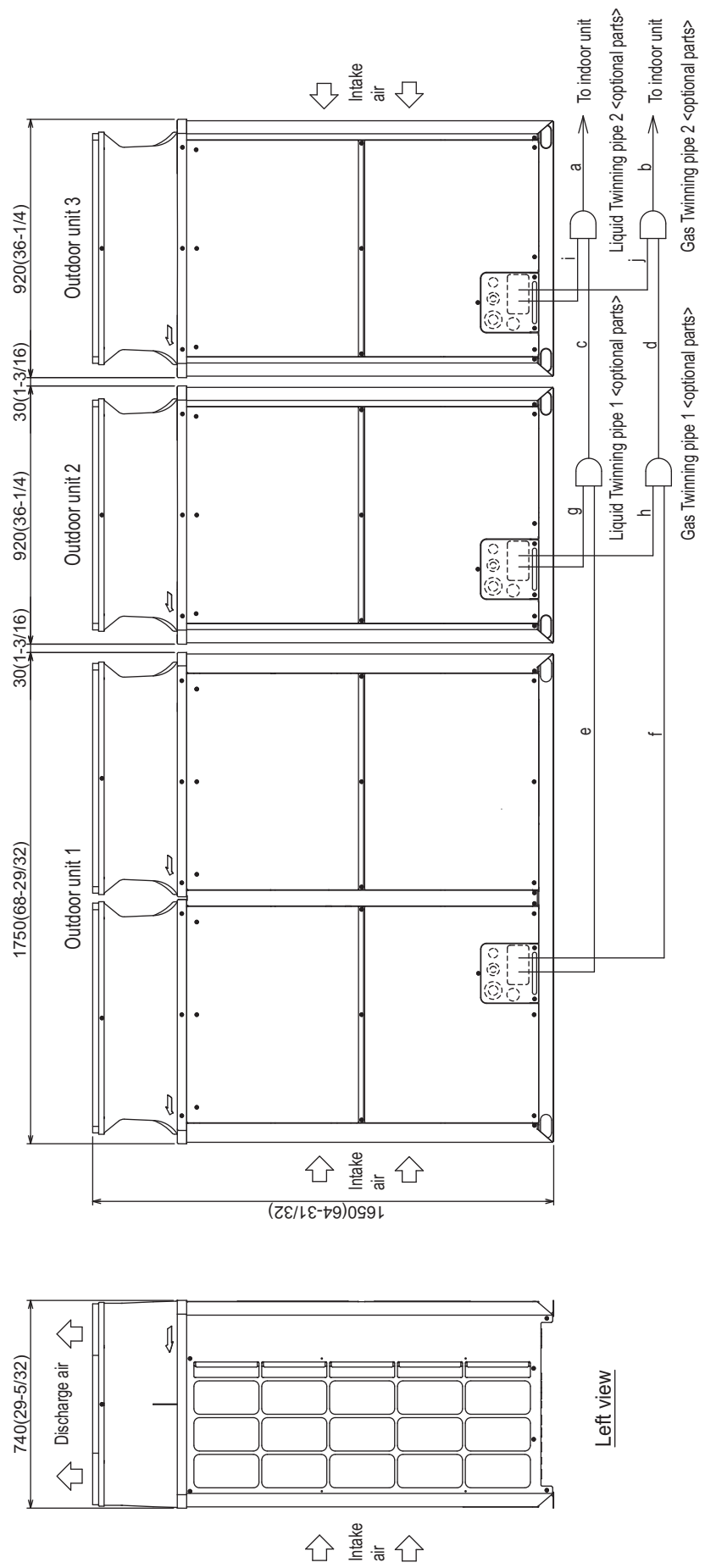
Package unit name			PUHY-P240YSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120YKMU-A(-BS)
	Outdoor unit 2		PUHY-P120YKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y100CBK3
Indoor unit~Twinning pipe	Liquid	a	ø15.88(5/8)
	Gas	b	ø28.58(1-1/8)

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

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-P264YSKMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

Package unit name			PUHY-P264YSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120YKMU-A(-BS)
	Outdoor unit 2		PUHY-P72YKMU-A(-BS)
	Outdoor unit 3		PUHY-P72YKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300CBK2
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)

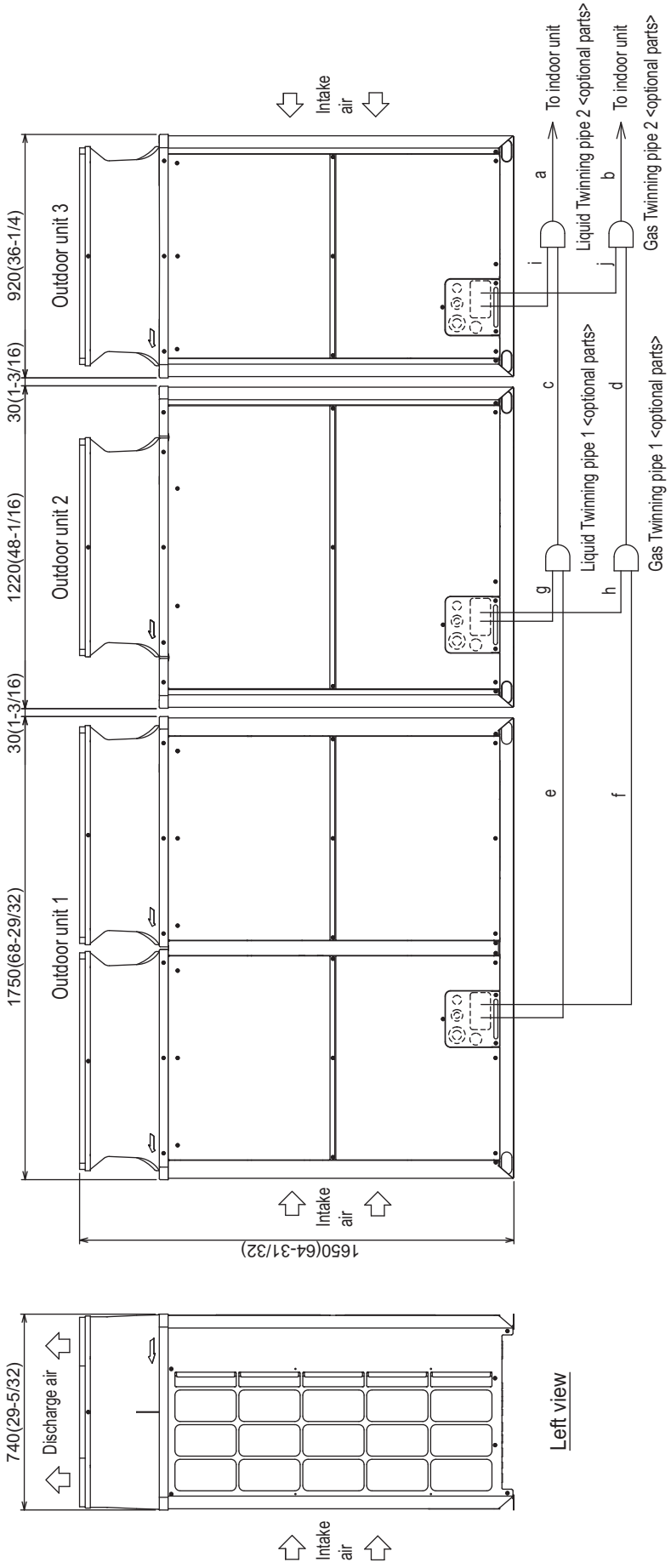
Twinning pipe~Outdoor unit	Unit model	Liquid	Gas
		e or g or i	f or h or j
	P72	ø9.52(3/8)	ø22.2(7/8)
	P120	ø12.7(1/2)	ø28.58(1-1/8)

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-P288YSKMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

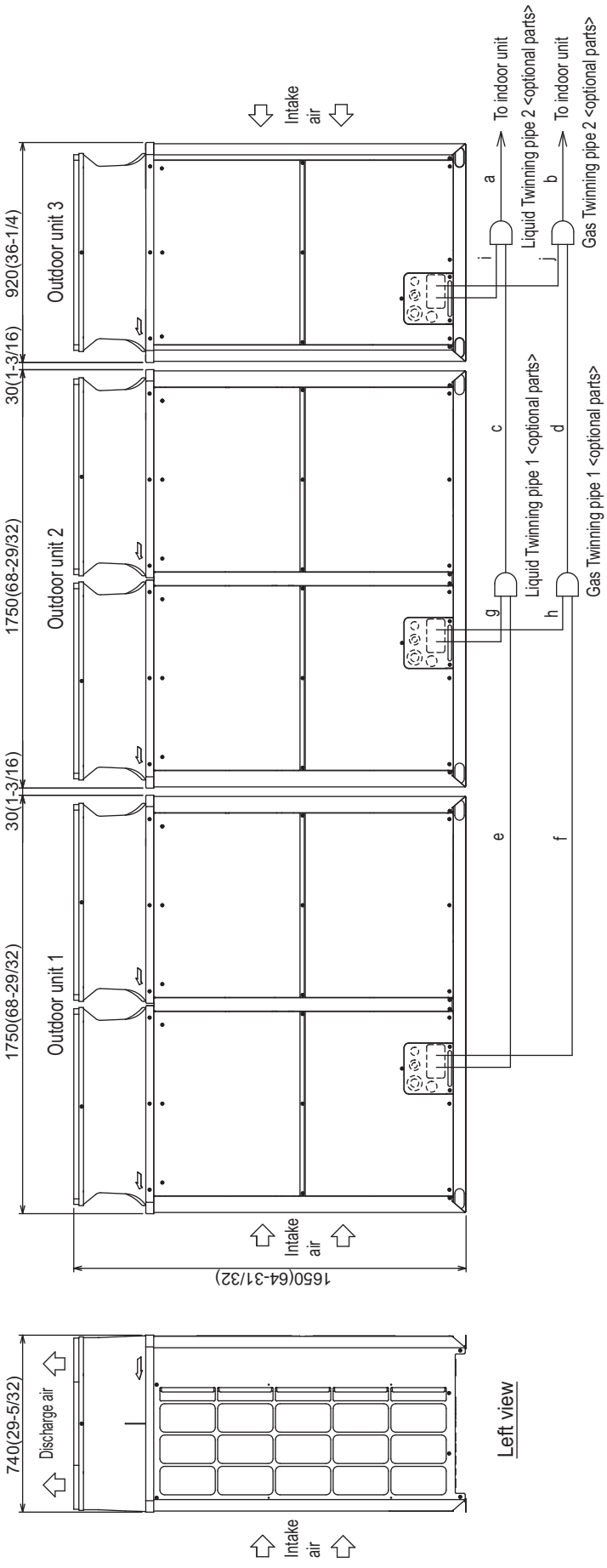
Package unit name			PUHY-P288YSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120YKMU-A(-BS)
	Outdoor unit 2		PUHY-P96YKMU-A(-BS)
	Outdoor unit 3		PUHY-P72YKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300CBK2
Indoor unit~Twinning pipe 2	Liquid	a	ø19.05(3/4)
	Gas	b	ø34.93(1-3/8)
Twinning pipe 1~Twinning pipe 2	Liquid	c	ø19.05(3/4)
	Gas	d	ø34.93(1-3/8)

	Unit model	Liquid	Gas
		e or g or i	f or h or j
Twinning pipe~Outdoor unit	P72	ø9.52(3/8)	ø22.2(7/8)
	P96	ø9.52(3/8)	ø22.2(7/8)
	P120	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).

PUHY-P312YSKMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

Package unit name			PUHY-P312YSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120YKMU-A(-BS)
	Outdoor unit 2		PUHY-P120YKMU-A(-BS)
	Outdoor unit 3		PUHY-P72YKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300CBK2
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)

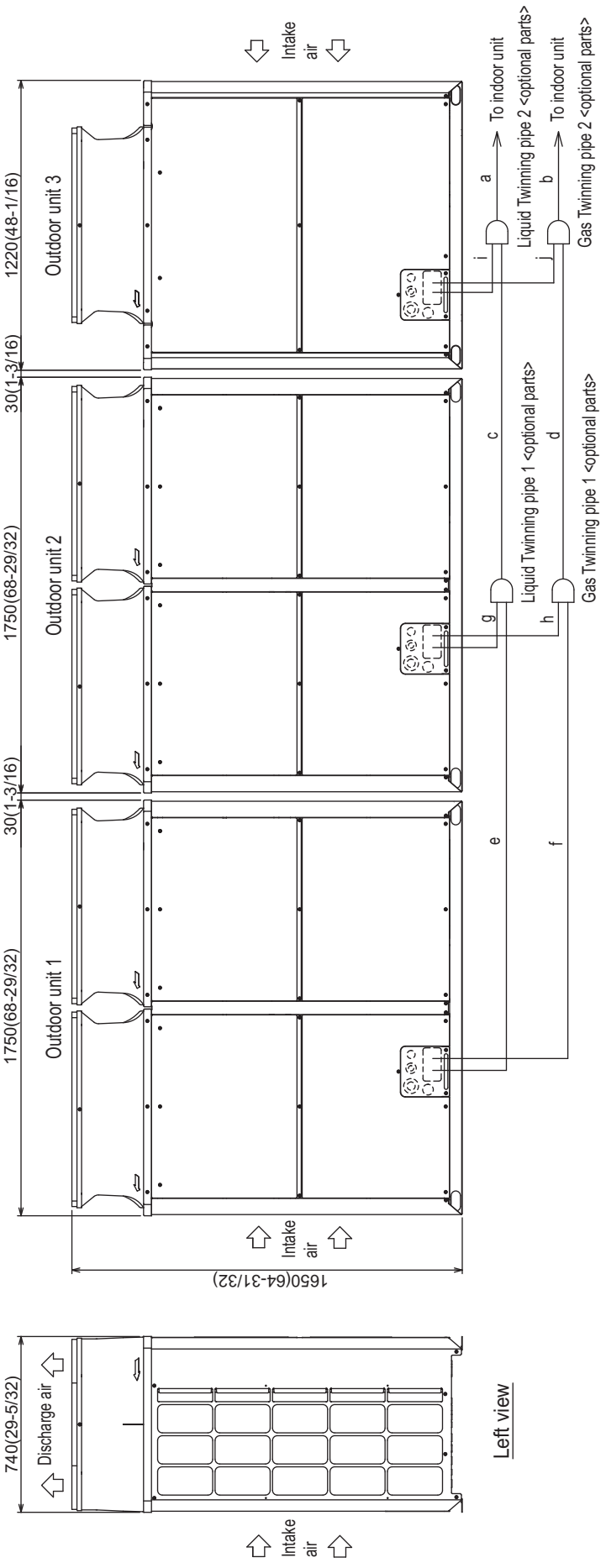
	Unit model	Liquid	Gas
		e or g or i	f or h or j
Twinning pipe~Outdoor unit	P72	ø9.52(3/8)	ø22.2(7/8)
	P120	ø12.7(1/2)	ø28.58(1-1/8)

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-P336YSKMU-A(-BS)

Unit : mm(in.)



Twinning pipe connection size

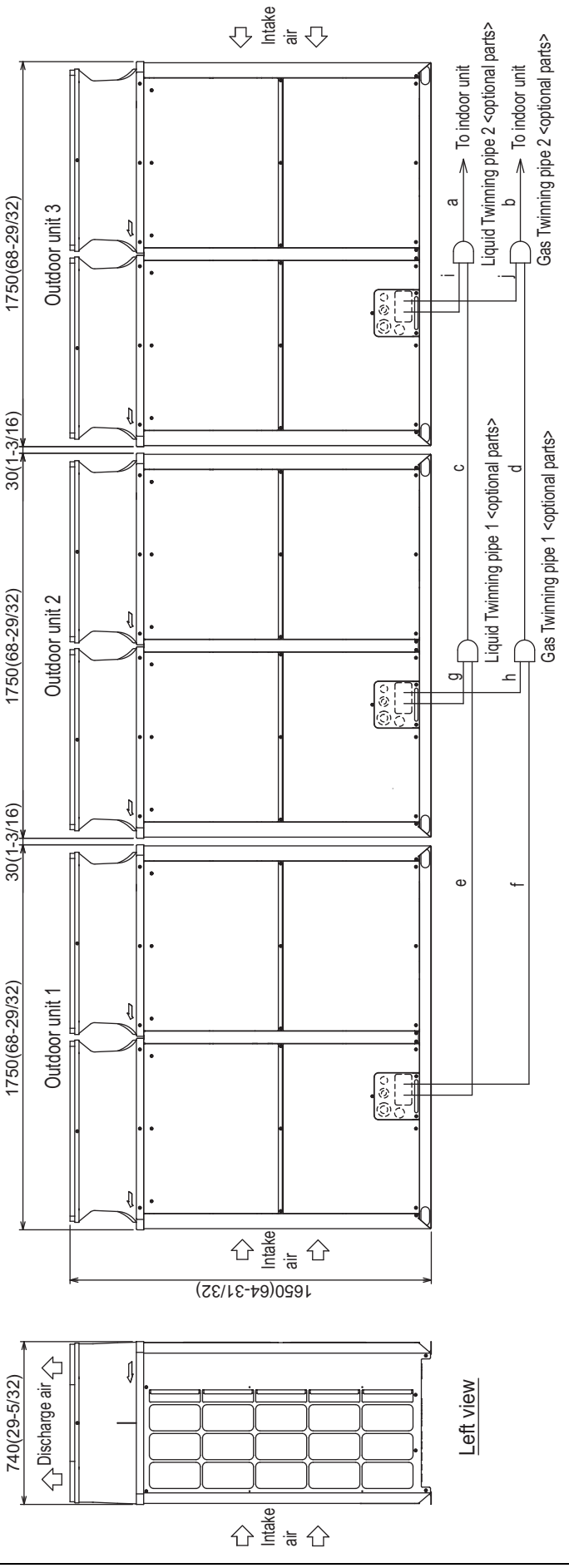
Package unit name			PUHY-P336YSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120YKMU-A(-BS)
	Outdoor unit 2		PUHY-P120YKMU-A(-BS)
	Outdoor unit 3		PUHY-P96YKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300CBK2
Indoor unit~Twinning pipe 2	Liquid	a	ø19.05(3/4)
	Gas	b	ø41.28(1-5/8)
Twinning pipe 1~Twinning pipe 2	Liquid	c	ø19.05(3/4)
	Gas	d	ø34.93(1-3/8)

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

PUHY-P360YSKMU-A(-BS)

Unit : mm(in.)



Front view

Left view

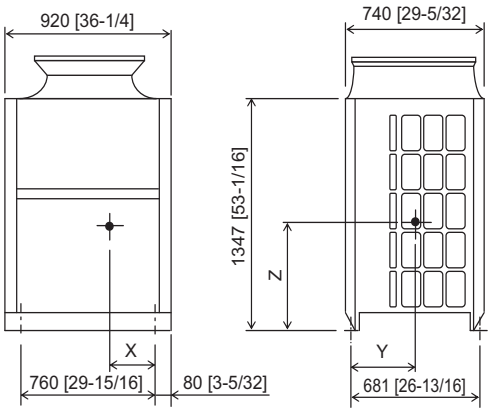
Twinning pipe connection size

Package unit name			PUHY-P360YSKMU-A(-BS)
Component unit name	Outdoor unit 1		PUHY-P120YKMU-A(-BS)
	Outdoor unit 2		PUHY-P120YKMU-A(-BS)
	Outdoor unit 3		PUHY-P120YKMU-A(-BS)
Outdoor Twinning Kit(optional parts)			CMY-Y300CBK2
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	P120	e or g or i	f or h or j
		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).

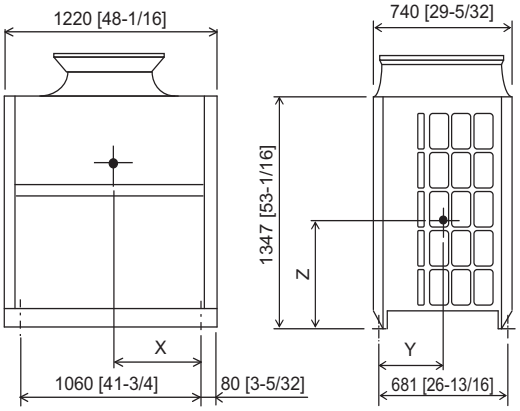
PUHY-P72TKMU-A (-BS)
PUHY-P72YKMU-A (-BS)



Unit : mm[in.]

Model	X	Y	Z
PUHY-P72TKMU-A(-BS)	322[12-11/16]	304[11-31/32]	629[24-25/32]
PUHY-P72YKMU-A(-BS)	327[12-7/8]	293[11-9/16]	644[25-3/8]

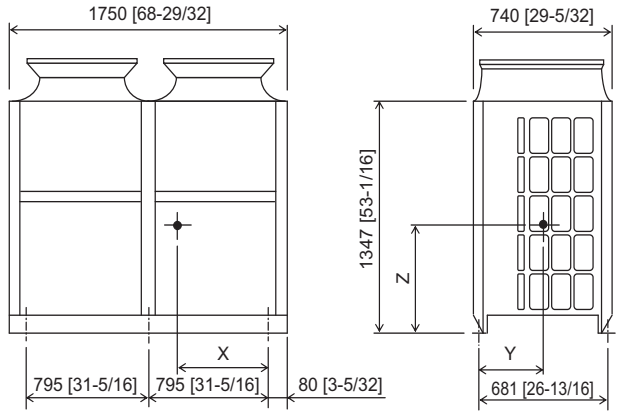
PUHY-P96TKMU-A (-BS)
PUHY-P96YKMU-A (-BS)



Unit : mm[in.]

Model	X	Y	Z
PUHY-P96TKMU-A(-BS)	444[17-1/2]	309[12-3/16]	593[23-3/8]
PUHY-P96YKMU-A(-BS)	432[17-1/32]	299[11-25/32]	608[23-15/16]

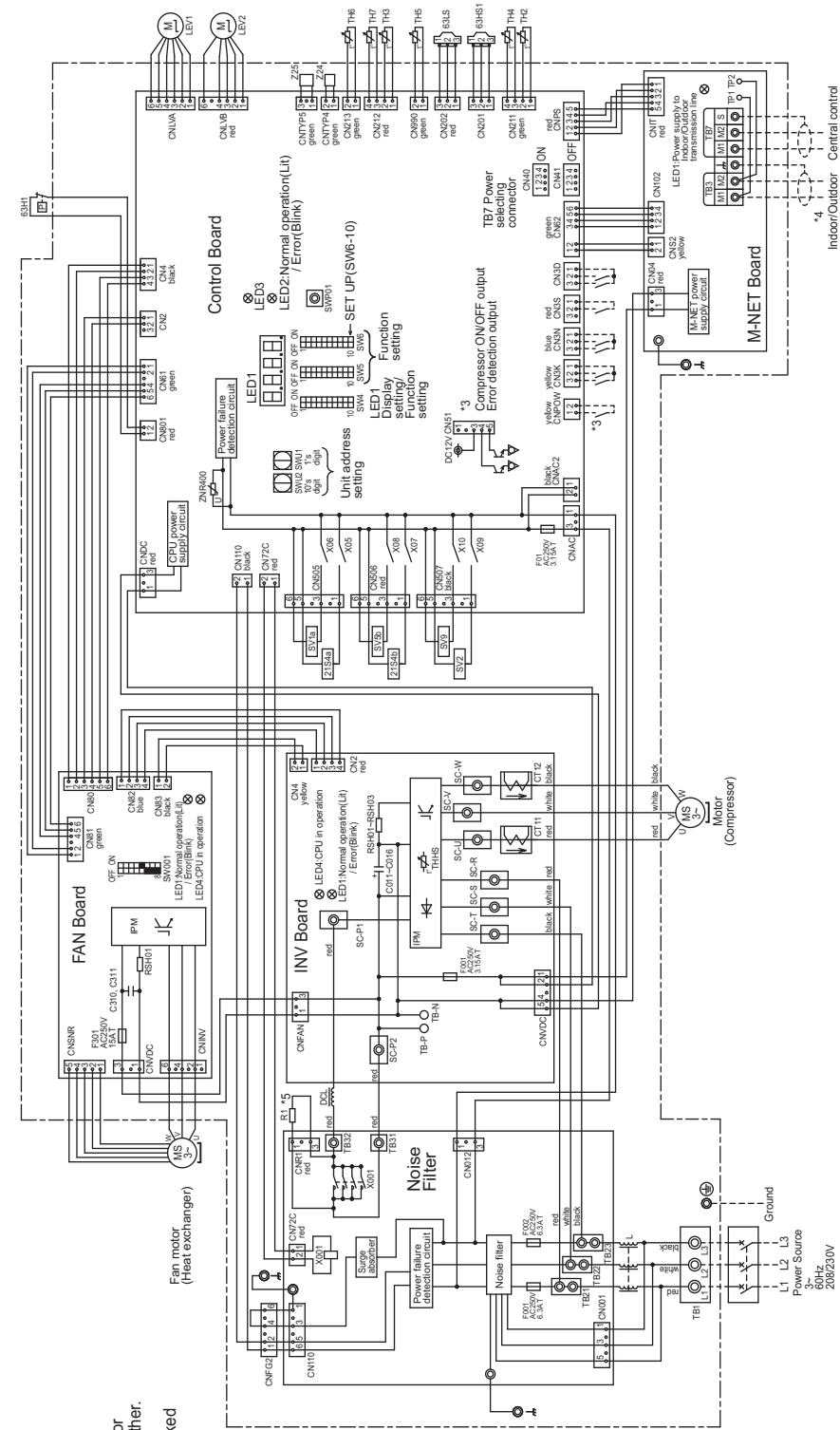
PUHY-P120, 144TKMU-A (-BS)
PUHY-P120, 144YKMU-A (-BS)



Unit : mm[in.]

Model	X	Y	Z
PUHY-P120TKMU-A(-BS)	688[27-3/32]	326[12-27/32]	652[25-11/16]
PUHY-P144TKMU-A(-BS)	688[27-3/32]	326[12-27/32]	652[25-11/16]
PUHY-P120YKMU-A(-BS)	722[28-7/16]	316[12-15/32]	638[25-1/8]
PUHY-P144YKMU-A(-BS)	722[28-7/16]	316[12-15/32]	638[25-1/8]

PUHY-P72TKMU-A(-BS)



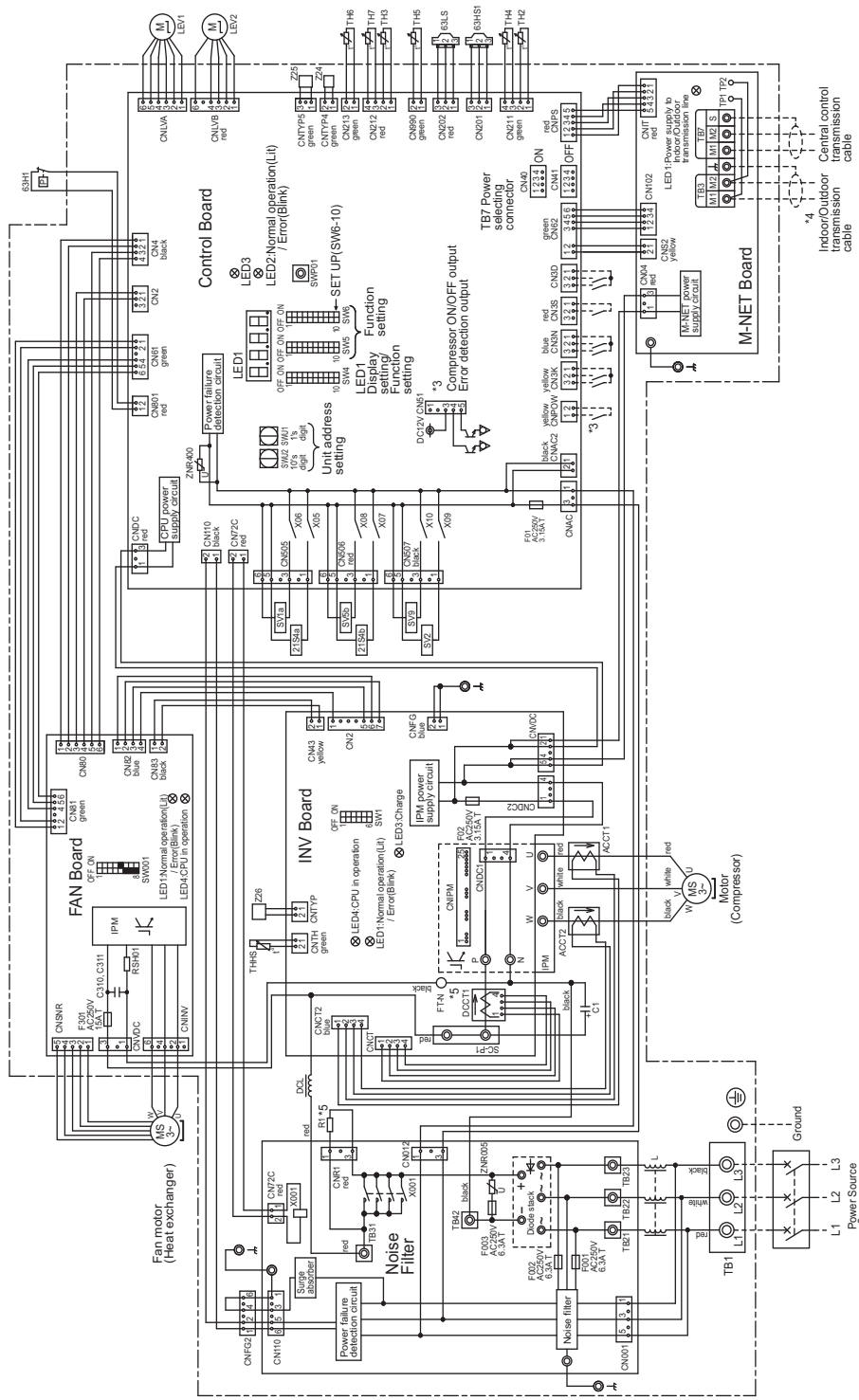
*1.Single-dotted lines indicate wiring not supplied with the unit.
*2.Dot-dash lines indicate the control box boundaries.
*3.Refer to the Data book for connecting input/output signal connectors.
*4.Daisy-chain terminals (TB3) on the outdoor units in the same refrigerant system together.
*5.Faston terminals have a locking function. Make sure the terminals are securely locked in place after insertion. Press the tab on the terminals to removed 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 TB-P and TB-N on INV Board has dropped to DC20V or less.

<Symbol explanation>

Symbol	Explanation		Symbol		Explanation
21S4a	4-way valve	Cooling/Heating switching	SV2	Solenoid valve	For opening/closing the discharge suction bypass
21S4b		Heat exchanger capacity control			
63H1	Pressure switch	High pressure protection for the outdoor unit	SV5b		Outdoor unit heat exchanger capacity control
63HS1	Pressure sensor	Discharge pressure	SV9		For opening/closing the bypass circuit
63LS		Low pressure			
X001	Magnetic relay (Inverter main circuit)		TB1	Terminal block	Power supply
C011~C016	Capacitor (inverter main circuit)		TB3		Indoor/Outdoor transmission cable
CT11, 12	Current sensor(AC)		TB7		Central control transmission cable
DCL	DC reactor				
L	Choke coil (for high frequency noise reduction)				
LEV1	Linear expansion valve	HIC bypass, Controls refrigerant flow in HIC circuit	TH2	Thermistor	Subcool bypass outlet temperature
LEV2		Pressure control, Refrigerant flow rate control	TH3		Pipe temperature
R1	Resistor	For inrush current prevention	TH4		Discharge pipe temperature
RSH01(FAN Board)		For current detection	TH5		ACC inlet pipe temperature
RSH01~RSH03 (INV Board)		For current detection	TH6		Subcooled liquid refrigerant temperature
			TH7		OA temperature
SV1a	Solenoid valve	For opening/closing the bypass circuit under the O/S	THHS		IPM temperature
			Z24, 25		Function setting connector

Y

PUHY-P96TKMU-A(-BS)

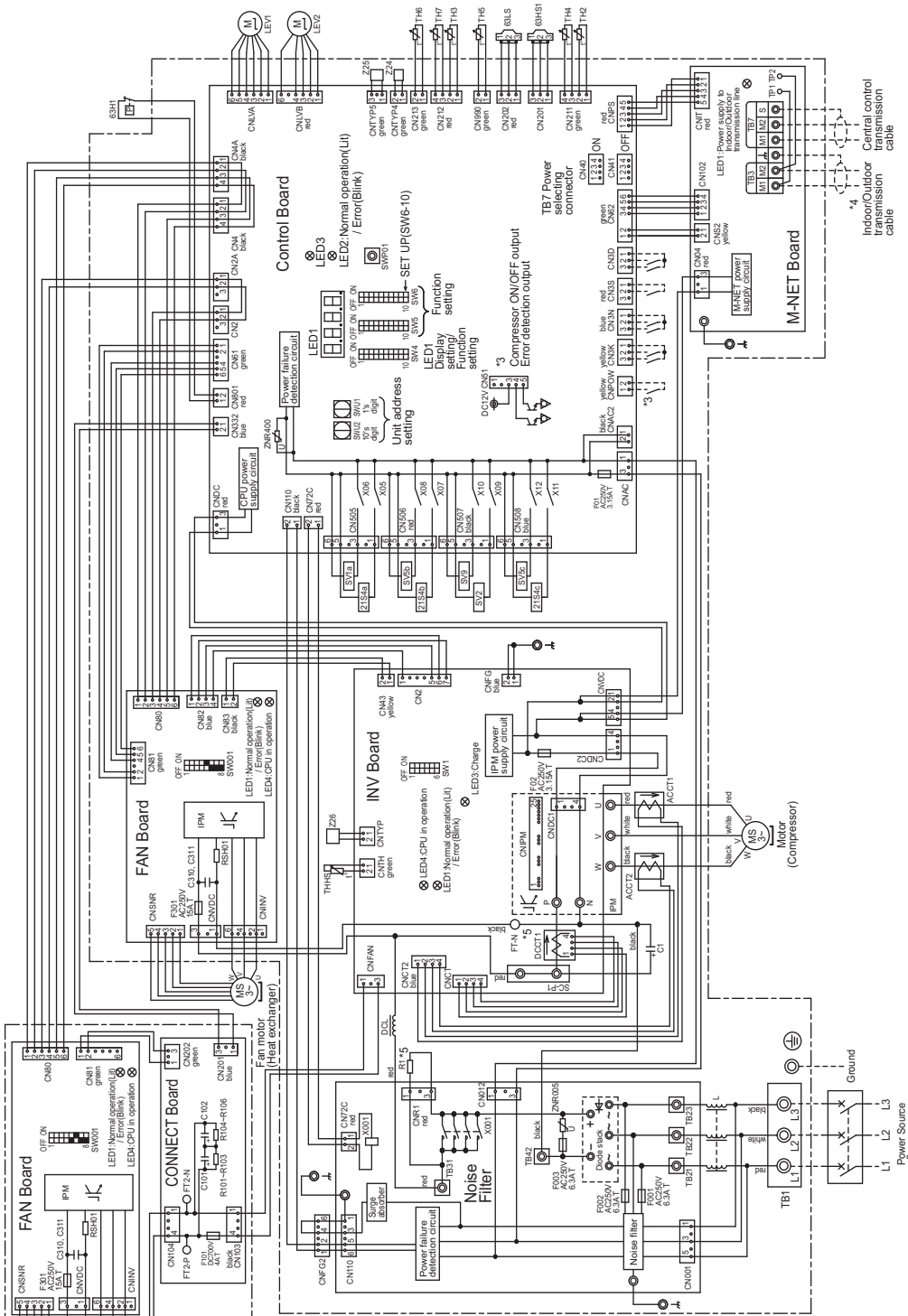


*1. Single-dotted lines indicate wiring not supplied with the unit.
*2. Dot-dash lines indicate the control box boundaries.
*3. Refer to the Data book for connecting input/output signal connectors.
*4. Daisy-chain terminals (TB3) on the outdoor units in the same refrigerant system together.
*5. Faston terminals have a locking function. Make sure the terminals are securely locked in place after insertion. Press the tab on the terminals to removed 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 at both ends of the main capacitor (C1) has dropped to DC20V or less.

<Symbol explanation>

Symbol	Explanation	Symbol	Explanation
21S4a	4-way valve	SV2	Solenoid valve
21S4b	Cooling/Heating switching		For opening/closing the discharge suction bypass
63H1	Heat exchanger capacity control	SV5b	
	High pressure protection for the outdoor unit		Outdoor unit heat exchanger capacity control
63HS1	Pressure switch	SV9	
63LS	Discharge pressure		For opening/closing the bypass circuit
X001	Pressure sensor	TB1	
ACCT1, 2	Low pressure	TB3	Power supply
CT	Magnetic relay (inverter main circuit)	TB7	Terminal block
DCCT1	Current sensor(AC)	TH2	Indoor/Outdoor transmission cable
DCL	Capacitor (inverter main circuit)		Central control transmission cable
L	Current sensor(DC)	TH3	Thermistor
LEV1	DC reactor	TH4	Subcool bypass outlet temperature
LEV2	Choke coil (for high frequency noise reduction)	TH5	Pipe temperature
R1	HIC bypass, Controls refrigerant flow in HIC circuit	TH6	Discharge pipe temperature
RSH01	Linear expansion valve	TH7	ACC inlet pipe temperature
SV1a	Pressure control. Refrigerant flow rate control	THHS	Subcooled liquid refrigerant temperature
	Resistor		OA temperature
	For inrush current prevention		IPM temperature
	For current detection	Z24, 25, 26	Function setting connector
	For opening/closing the bypass circuit under the O/S		
	Solenoid valve		

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



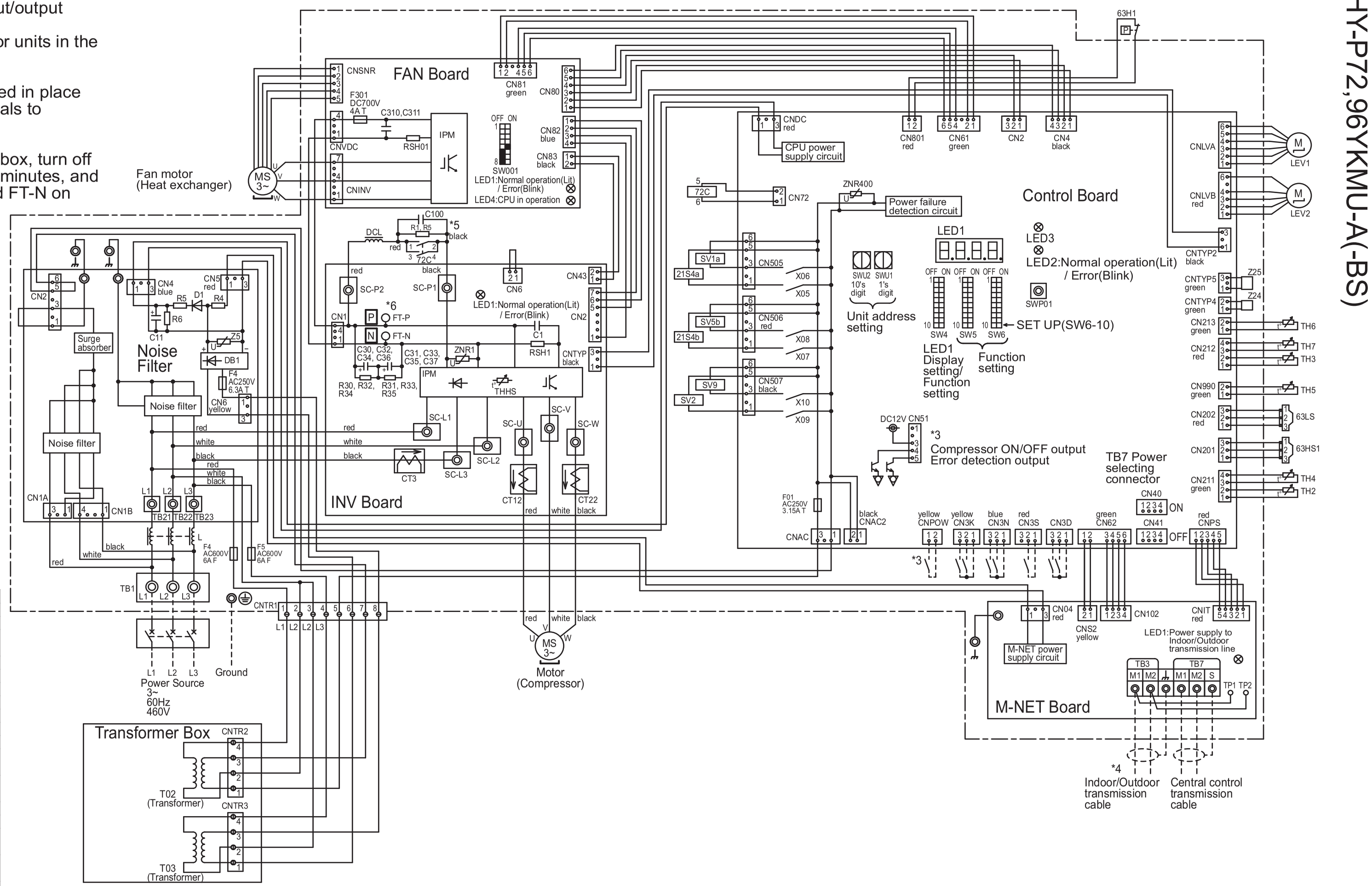
*1. Single-dotted lines indicate wiring not supplied with the unit.
*2. Dot-dash lines indicate the control box boundaries.
*3. Refer to the Data book for connecting input/output signal connectors.
*4. Daisy-chain terminals (TB3) on the outdoor units in the same refrigerant system together.
*5. Faston terminals have a locking function. Make sure the terminals are securely locked in place after insertion. Press the tab on the terminals to removed 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 at both ends of the main capacitor (C1) has dropped to DC20V or less.

<Symbol explanation>

Symbol		Explanation
21S4a	4-way valve	Cooling/Heating switching
21S4b, c		Heat exchanger capacity control
63H1	Pressure switch	High pressure protection for the outdoor unit
63HS1	Pressure sensor	Discharge pressure
63LS		Low pressure
X001	Magnetic relay	(inverter main circuit)72C
ACCT1, 2	Current sensor	(AC)
C1	Capacitor	(inverter main circuit)
DCCT1	Current sensor	(DC)
DCL	DC reactor	
L	Choke coil	(for high frequency noise reduction)
LEV1	Linear expansion valve	HIC bypass, Controls refrigerant flow in HIC circuit
LEV2		Pressure control, Refrigerant flow rate control
R1	Resistor	For inrush current prevention
RSH01		For current detection
SV1a	Solenoid valve	For opening/closing the bypass circuit under the O/S
SV2		For opening/closing the discharge suction bypass
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		IPM temperature
Z24, 25, 26	Function setting connector	

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

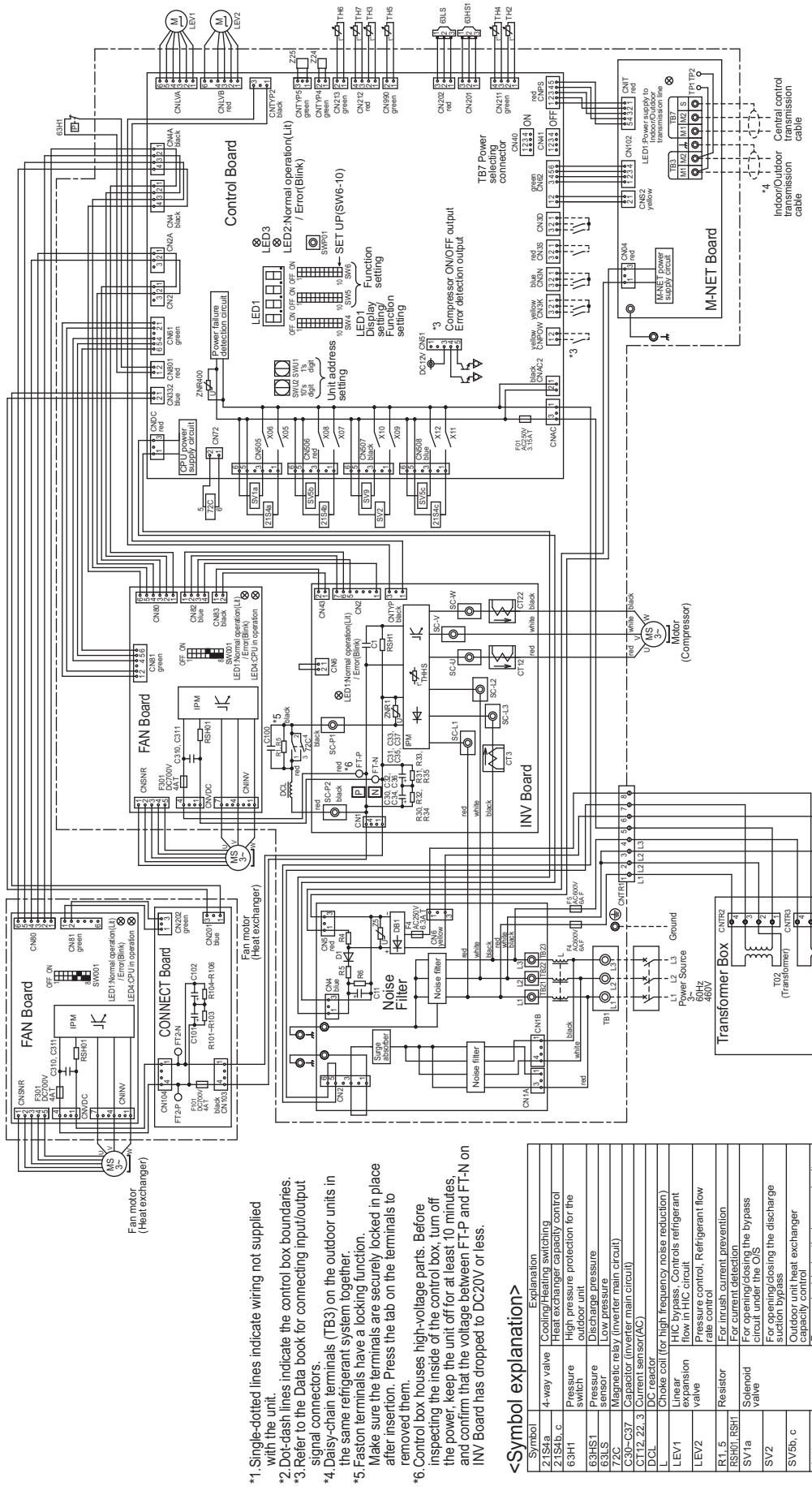
*1.Single-dotted lines indicate wiring not supplied with the unit.
*2.Dot-dash lines indicate the control box boundaries.
*3.Refer to the Data book for connecting input/output signal connectors.
*4.Daisy-chain terminals (TB3) on the outdoor units in the same refrigerant system together.
*5.Faston terminals have a locking function. Make sure the terminals are securely locked in place after insertion. Press the tab on the terminals to removed 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)	
C30~C37	Capacitor (inverter main circuit)	
CT12, 22, 3	Current sensor(AC)	
DCL	DC reactor	
L	Choke coil (for high frequency noise reduction)	
LEV1	Linear expansion valve	HIC bypass, Controls refrigerant flow in HIC circuit
LEV2		Pressure control, Refrigerant flow rate control
R1,5	Resistor	For inrush current prevention
RSH01, RSH1		For current detection
SV1a	Solenoid valve	For opening/closing the bypass circuit under the O/S
SV2		For opening/closing the discharge suction bypass
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		IPM temperature
Z24, 25	Function setting connector	

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



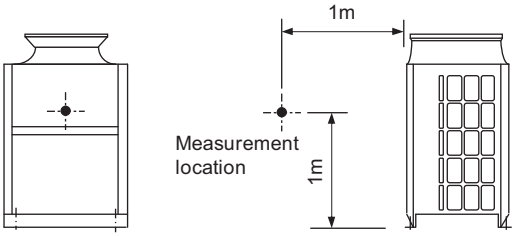
*1. Single-dotted lines indicate wiring not supplied with the unit.
*2. Dot-dash lines indicate the control box boundaries.
*3. Refer to the Data book for connecting input/output signal connectors.
*4. Daisy-chain terminals (TB3) on the outdoor units in the same refrigerant system together.
*5. Faston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

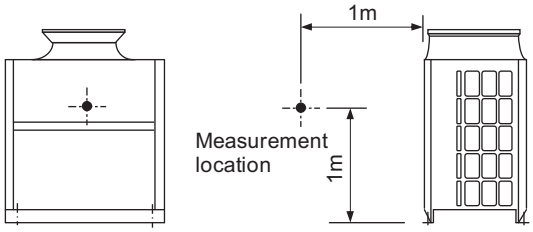
Symbol		Explanation
21S4a	4-way valve	Cooling/Heating switching
21S4b, c		Heat exchanger capacity control
63H1	Pressure switch	High pressure protection for the outdoor unit
63HS1	Pressure sensor	Discharge pressure
63LS		Low pressure
72C	Magnetic relay (inverter main circuit)	
C30~C37	Capacitor (inverter main circuit)	
CT12, 22, 3	Current sensor(AC)	
DCL	DC reactor	
L	Choke coil (for high frequency noise reduction)	
LEV1	Linear expansion valve	HIC bypass, Controls refrigerant flow in HIC circuit
LEV2		Pressure control, Refrigerant flow rate control
R1, 5	Resistor	For inrush current prevention
RSH01, RSH1		For current detection
SV1a	Solenoid valve	For opening/closing the bypass circuit under the OIS
SV2		For opening/closing the discharge suction bypass
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		IPM temperature
Z24, 25	Function setting connector	

Y

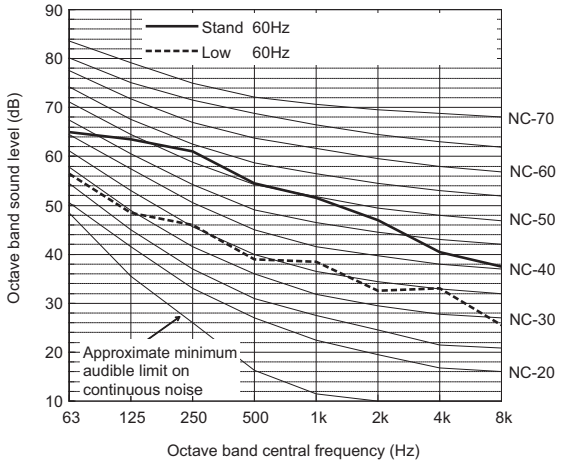
Measurement condition
PUHY-P72TKMU/YKMU



Measurement condition
PUHY-P96TKMU/YKMU



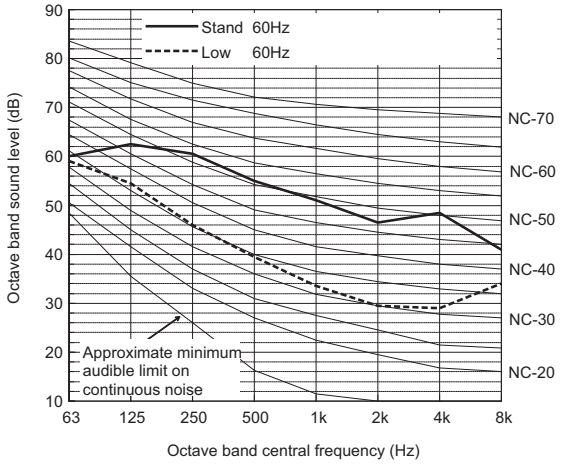
Sound level of PUHY-P72T/YKMU-A(-BS)



		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.

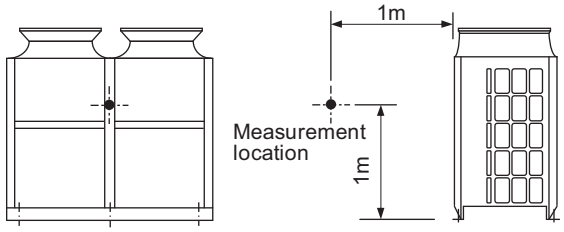
Sound level of PUHY-P96T/YKMU-A(-BS)



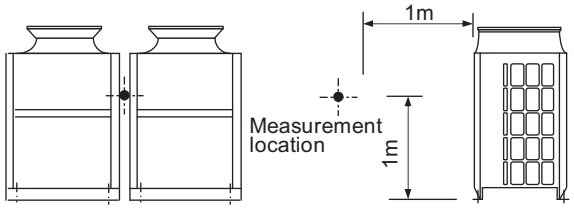
		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	60.0	62.5	60.5	55.0	51.0	46.5	48.5	41.0	58.0
Low noise mode	60Hz	59.0	54.5	46.0	39.5	33.5	29.5	29.0	34.0	44.0

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.

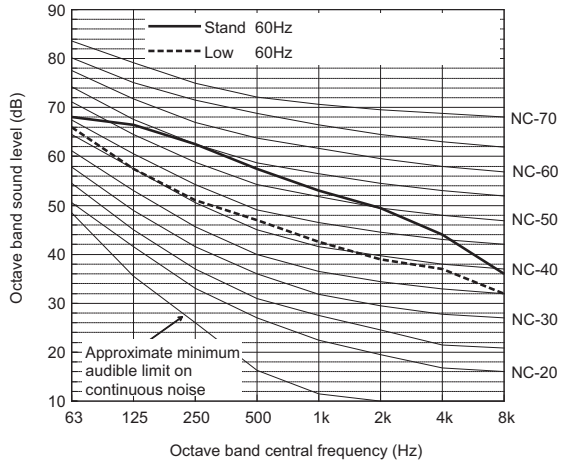
Measurement condition
PUHY-P120,144TKMU/YKMU



Measurement condition
PUHY-P144YSKMU



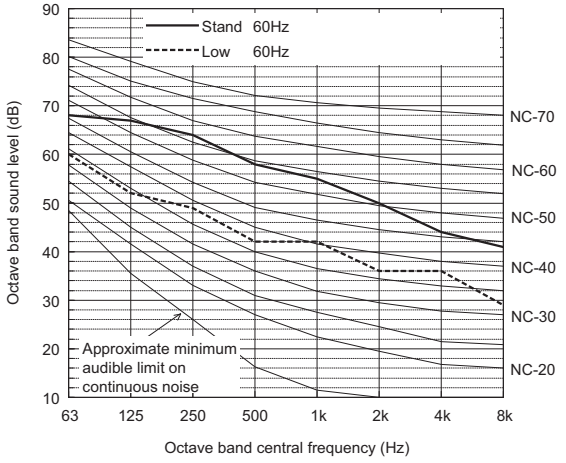
Sound level of PUHY-P120T/YKMU-A(-BS)



		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.

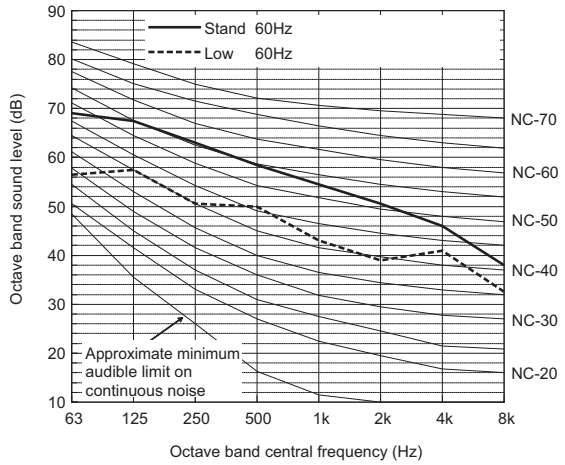
Sound level of PUHY-P144YSKMU-A(-BS)



		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	68.0	67.0	64.0	58.0	55.0	50.0	44.0	41.0	61.0
Low noise mode	60Hz	60.0	52.0	49.0	42.0	42.0	36.0	36.0	29.0	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/YKMU-A(-BS)

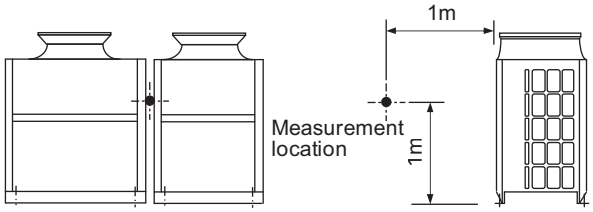


		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	69.0	67.5	63.0	58.5	54.5	50.5	46.0	38.0	61.0
Low noise mode	60Hz	56.5	57.5	50.5	50.0	43.0	39.0	41.0	32.5	51.0

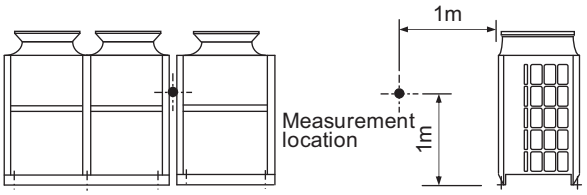
When Low noise mode is set,the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

Y

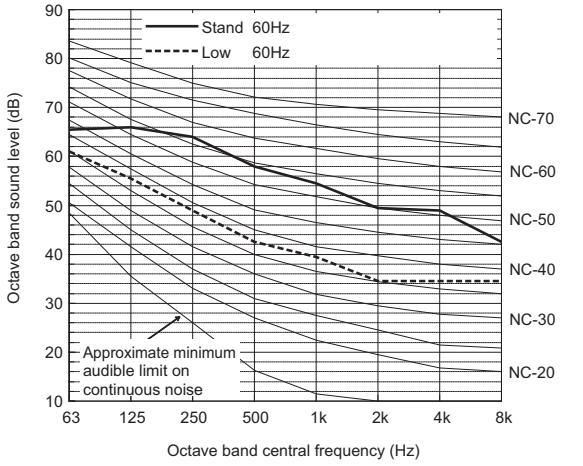
Measurement condition
PUHY-P168YSKMU



Measurement condition
PUHY-P192TSKMU/YSKMU



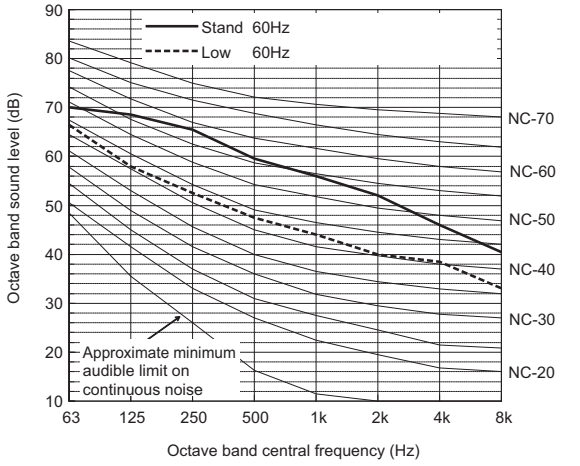
Sound level of PUHY-P168T/YSKMU-A(-BS)



		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.

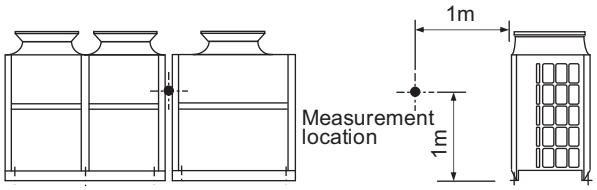
Sound level of PUHY-P192T/YSKMU-A(-BS)



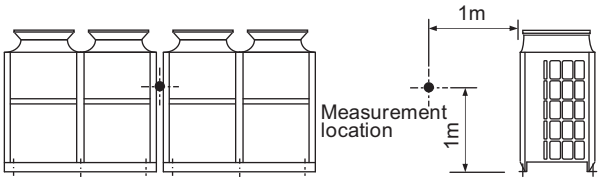
		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	70.0	68.5	65.5	59.5	56.0	52.0	46.0	40.5	62.5
Low noise mode	60Hz	66.5	58.0	52.5	47.5	44.0	40.0	38.5	33.0	51.0

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.

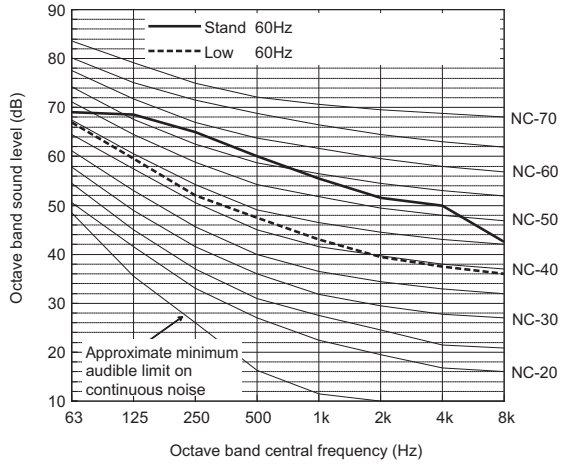
Measurement condition
PUHY-P216TSKMU/YSKMU



Measurement condition
PUHY-P240TSKMU/YSKMU



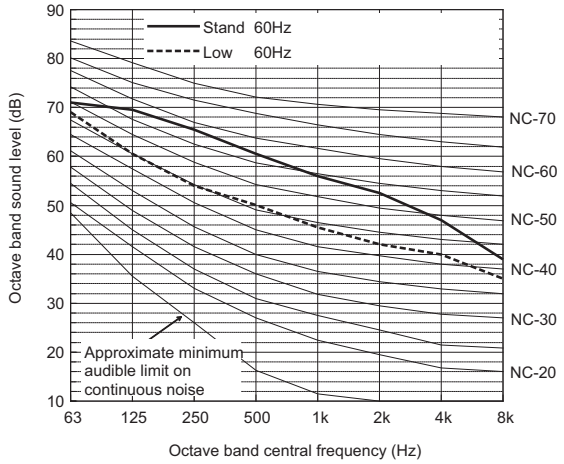
Sound level of PUHY-P216T/YSKMU-A(-BS)



		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.

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

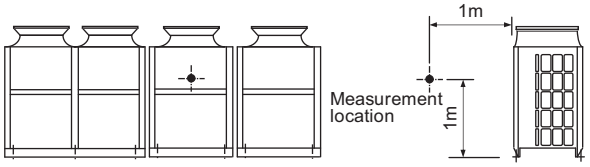


		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	71.0	69.5	65.5	60.5	56.0	52.5	47.0	39.0	63.0
Low noise mode	60Hz	69.0	60.5	54.0	50.0	45.5	42.0	40.0	35.0	53.0

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.

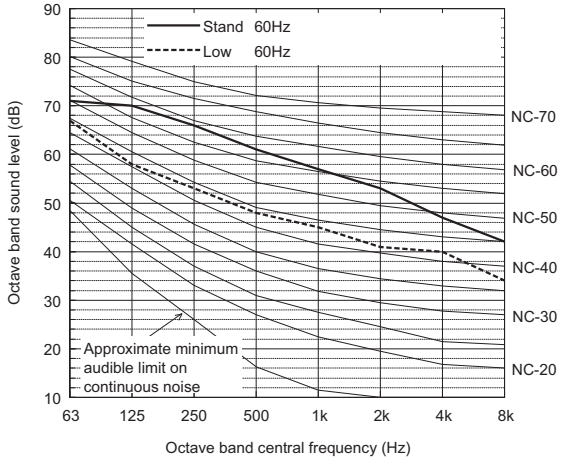
Y

Measurement condition
PUHY-P264TSKMU/YSKMU



Measurement condition
PUHY-P288TSKMU/YSKMU

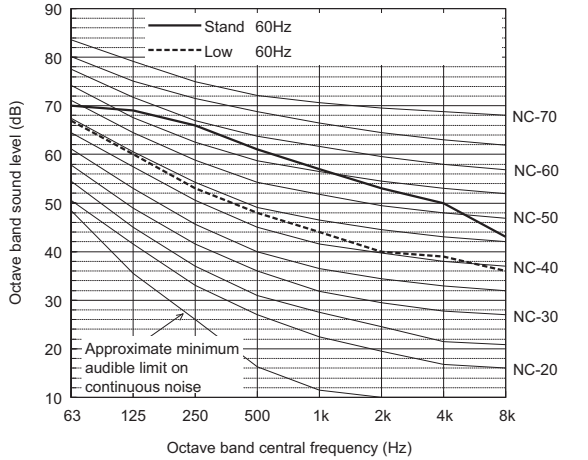
Sound level of PUHY-P264T/YSKMU-A(-BS)



		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	71.0	70.0	66.0	61.0	57.0	53.0	47.0	42.0	63.5
Low noise mode	60Hz	67.0	58.0	53.0	48.0	45.0	41.0	40.0	34.0	52.0

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-P288T/YSKMU-A(-BS)



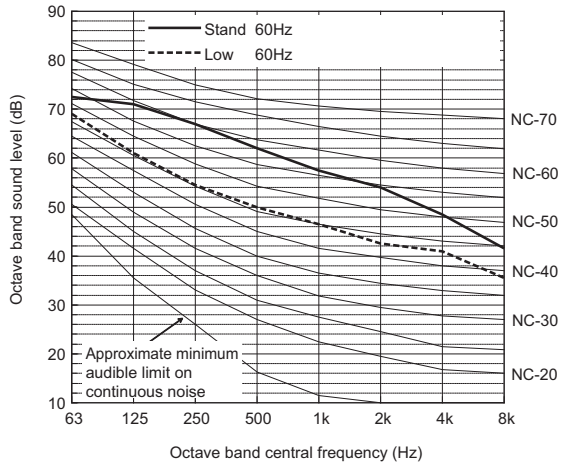
		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	70.0	69.0	66.0	61.0	57.0	53.0	50.0	43.0	63.5
Low noise mode	60Hz	67.0	60.0	53.0	48.0	44.0	40.0	39.0	36.0	51.5

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

Measurement condition
PUHY-P312TSKMU/YSKMU

Measurement condition
PUHY-P336TSKMU/YSKMU

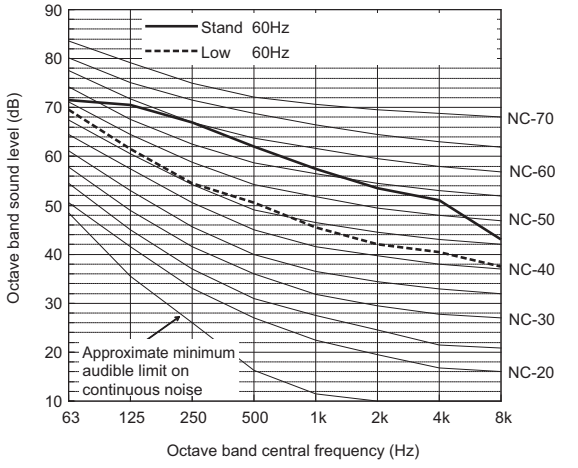
Sound level of PUHY-P312T/YSKMU-A(-BS)



		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/YSKMU-A(-BS)

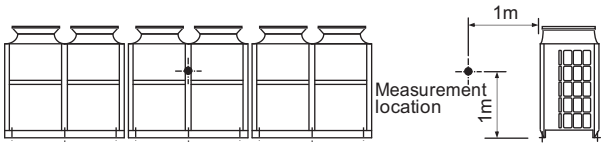


		63	125	250	500	1k	2k	4k	8k	dB(A)
Standard	60Hz	71.5	70.5	67.0	62.0	57.5	53.5	51.0	43.0	64.5
Low noise mode	60Hz	69.5	61.5	54.5	50.5	45.5	42.0	40.5	37.5	53.5

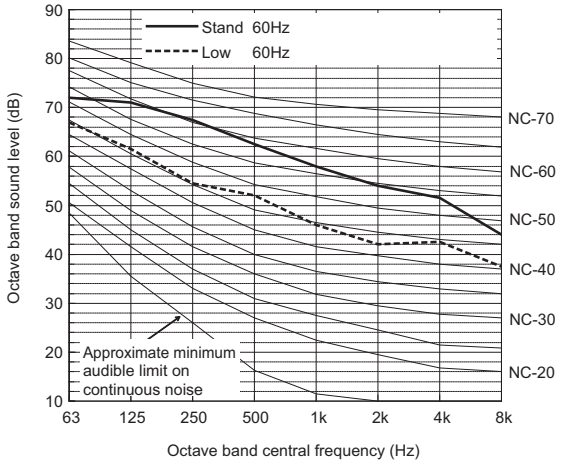
When Low noise mode is set,the A/C system's capacity is limited. The system could return to normal operation from Low noise mode automatically in the case that the operation condition is severe.

Y

Measurement condition
PUHY-P360TSKMU/YSKMU



Sound level of PUHY-P360T/YSKMU-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.

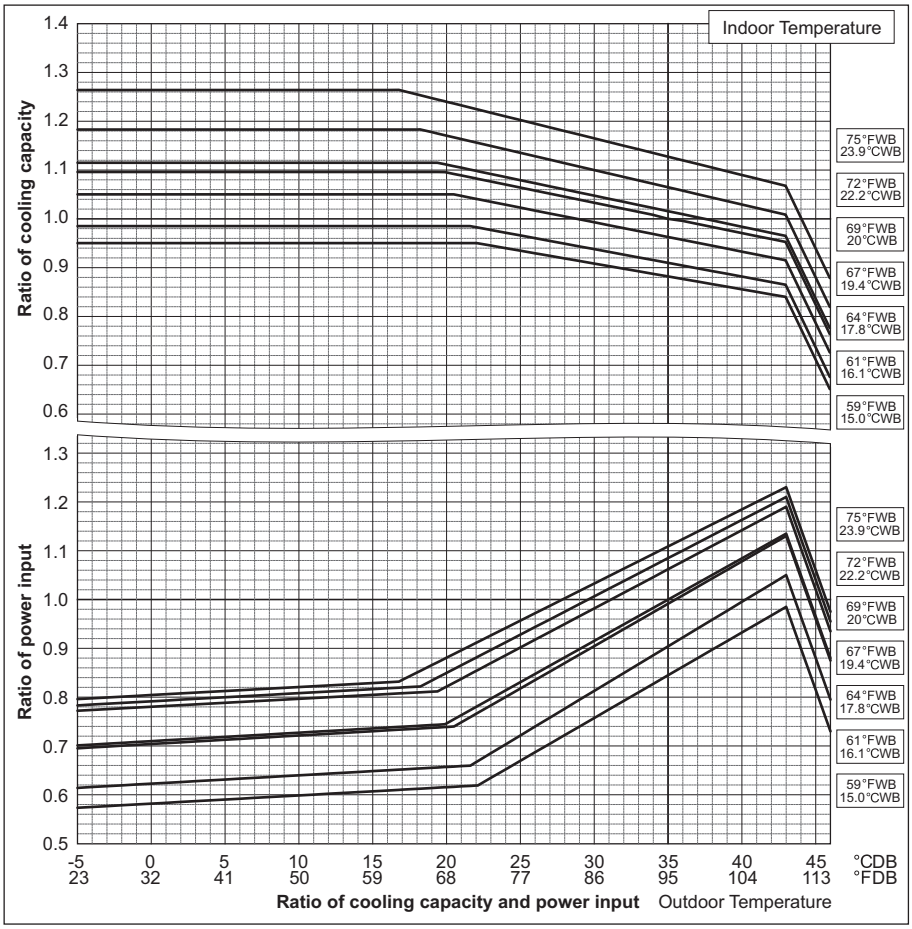
6. CAPACITY TABLES

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.

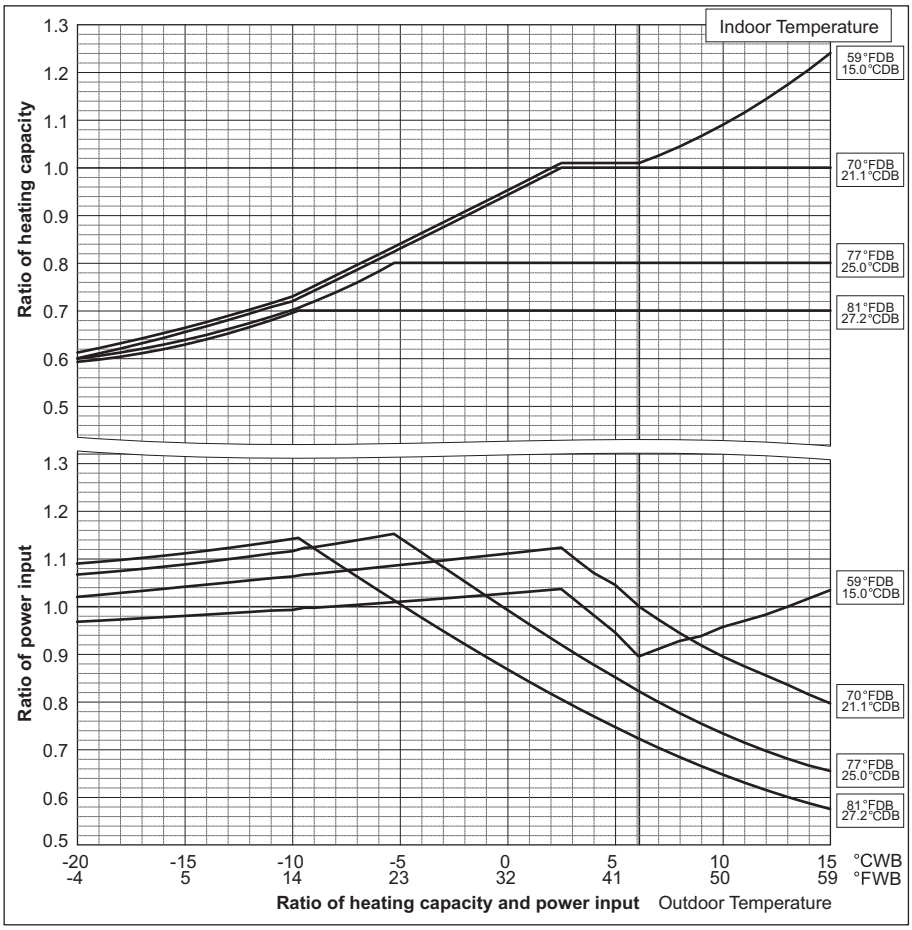
PUHY-			P72TKMU/YKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	72,000	
		kW	21.1	
	Input	kW	5.06	
Rated cooling capacity		BTU/h	69,000	
		kW	20.2	
	Input	kW	4.58	4.79

PUHY-			P96TKMU/YKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	96,000	
		kW	28.1	
	Input	kW	7.00	
Rated cooling capacity		BTU/h	92,000	
		kW	27.0	
	Input	kW	6.35	6.62



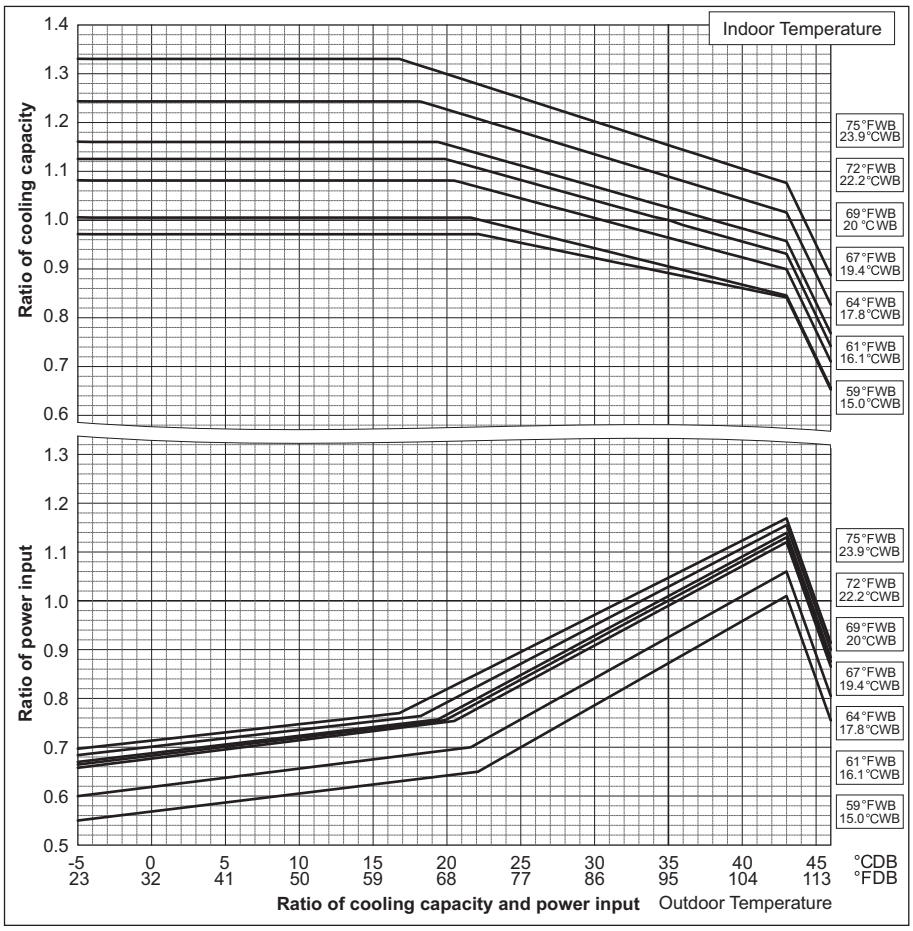
PUHY-			P72TKMU/YKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	80,000	
		kW	23.4	
	Input	kW	5.62	
Rated heating capacity		BTU/h	76,000	
		kW	22.3	
	Input	kW	5.04	5.36

PUHY-			P96TKMU/YKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	108,000	
		kW	31.7	
	Input	kW	7.47	
Rated heating capacity		BTU/h	103,000	
		kW	30.2	
	Input	kW	6.79	7.04

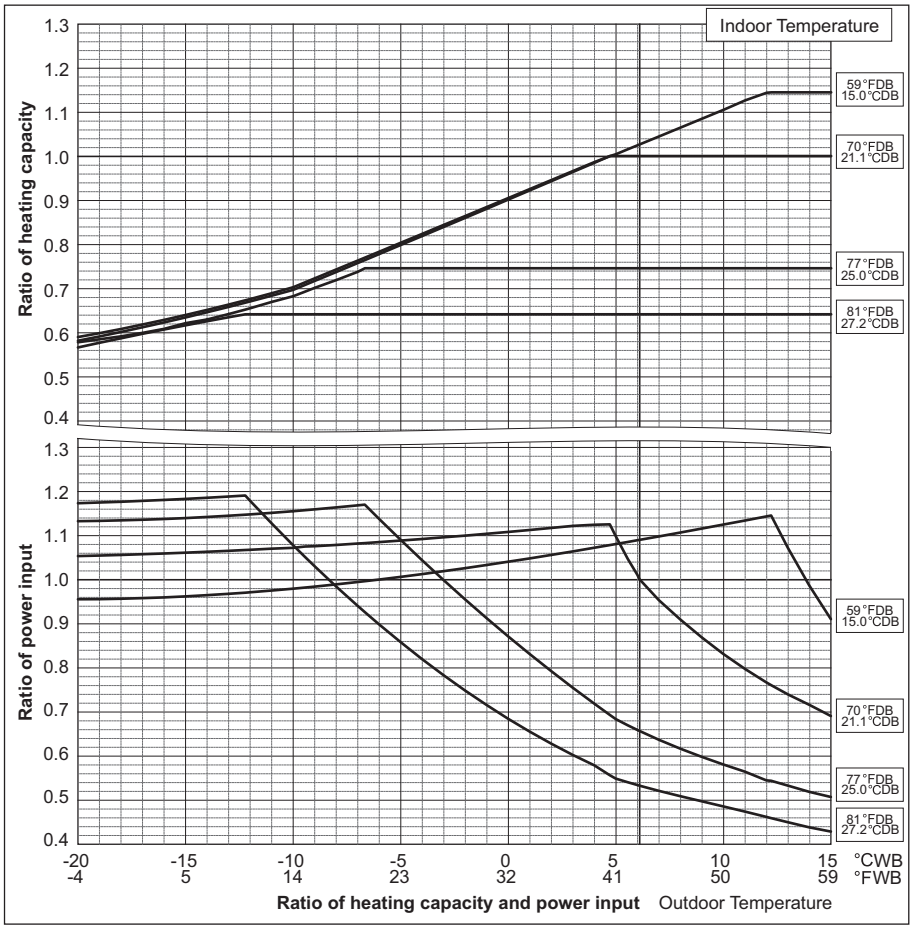


Y

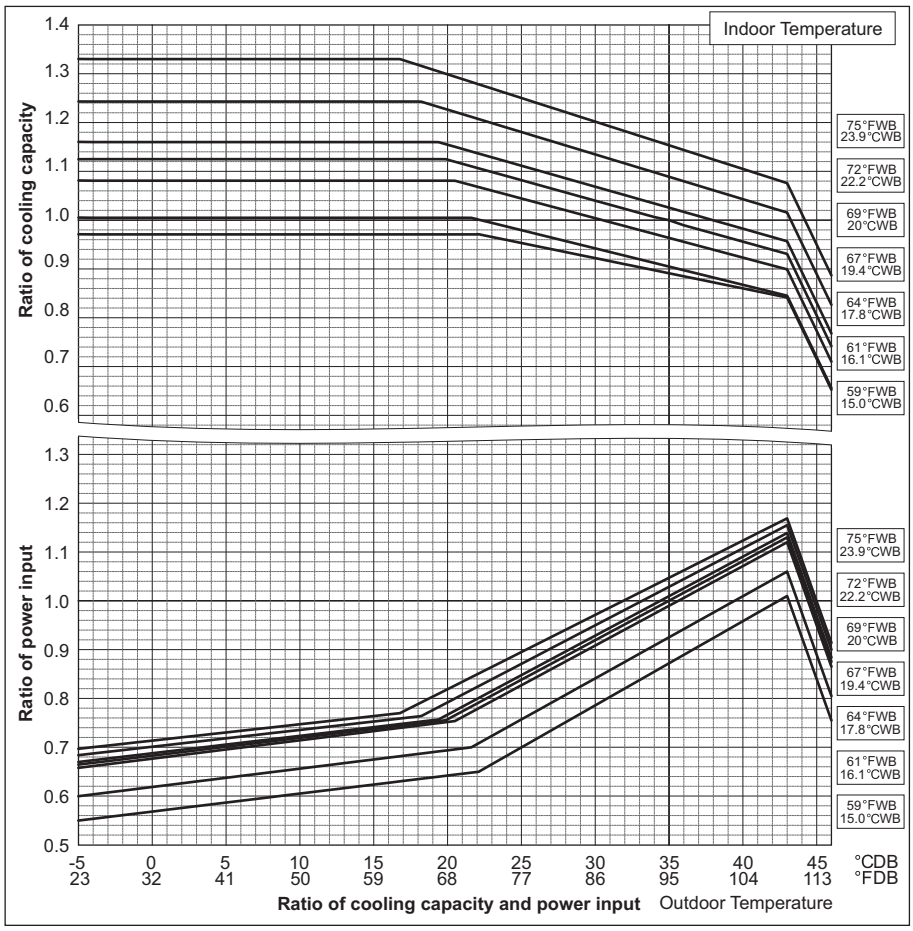
PUHY-			P120TKMU/YKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	120,000	
		kW	35.2	
	Input	kW	9.09	
Rated cooling capacity		BTU/h	114,000	
		kW	33.4	
	Input	kW	8.56	8.27



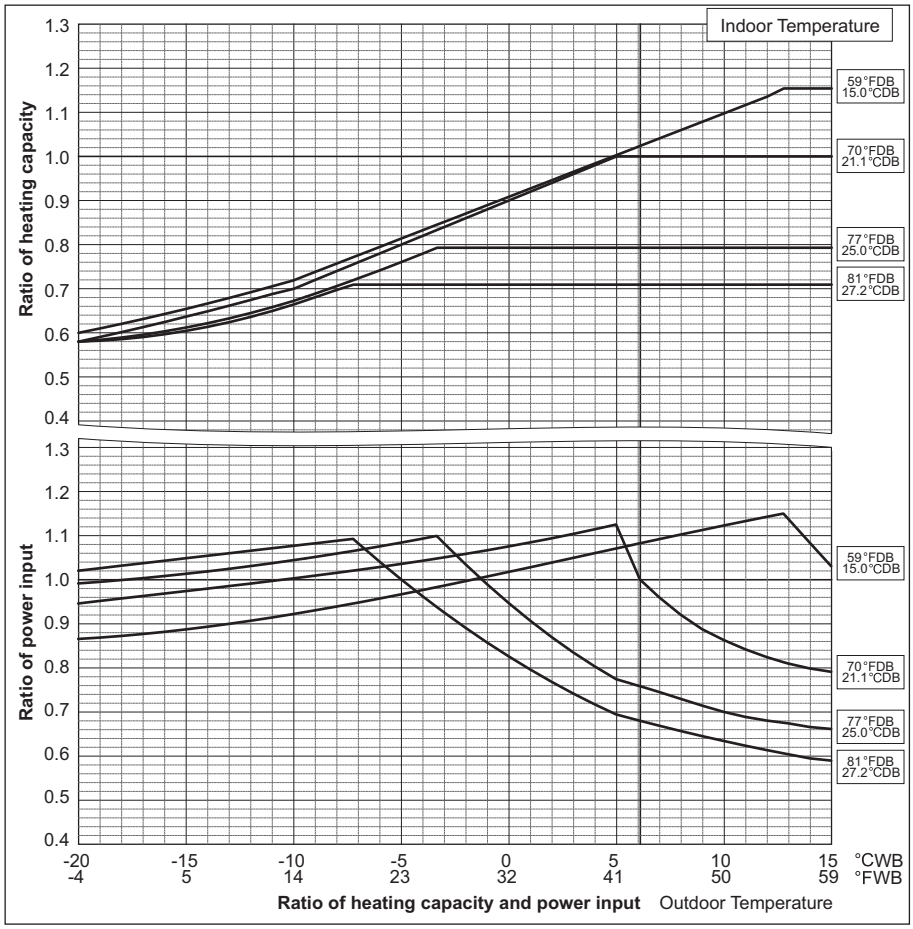
PUHY-			P120TKMU/YKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	135,000	
		kW	39.6	
	Input	kW	10.28	
Rated heating capacity		BTU/h	129,000	
		kW	37.8	
	Input	kW	9.46	9.57



PUHY-			P144TKMU/YKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	144,000	
		kW	42.2	
	Input	kW	11.84	
Rated cooling capacity		BTU/h	137,000	
		kW	40.2	
	Input	kW	11.13	10.79



PUHY-			P144TKMU/YKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	160,000	
		kW	46.9	
	Input	kW	12.47	
Rated heating capacity		BTU/h	152,000	
		kW	44.5	
	Input	kW	11.49	11.61

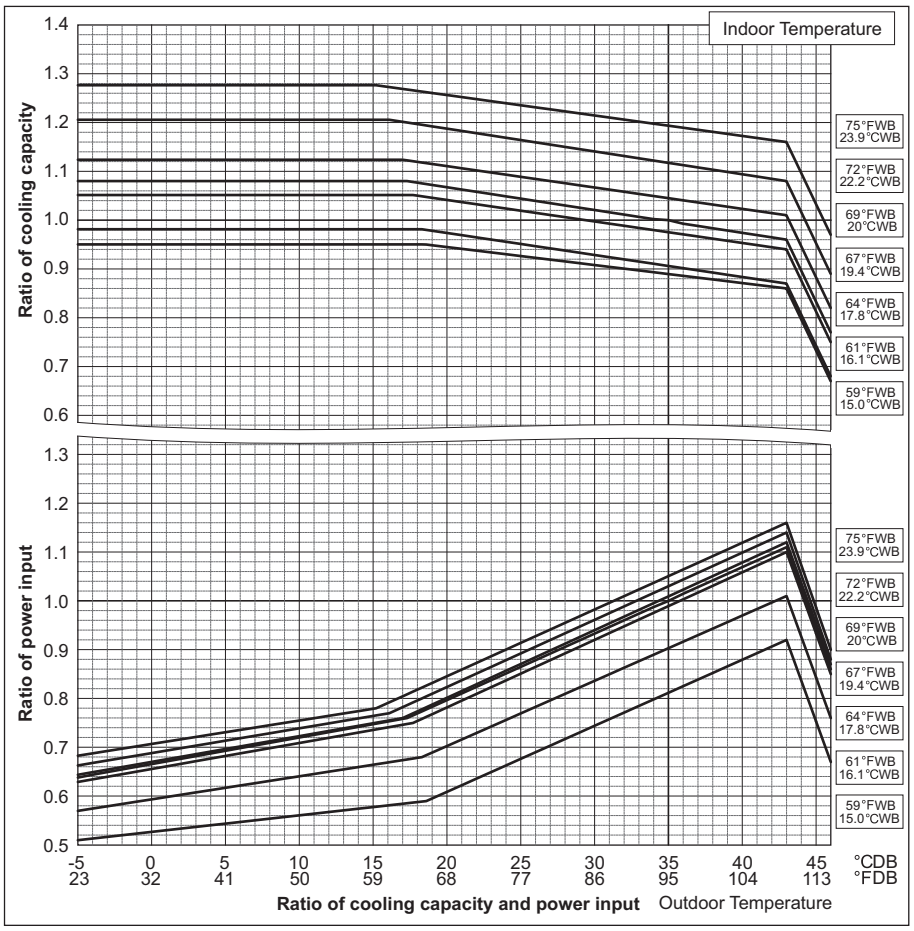


Y

PUHY-			P144YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	144,000	
		kW	42.2	
	Input	kW	10.57	
Rated cooling capacity		BTU/h	137,000	
		kW	40.2	
	Input	kW	9.89	9.68

PUHY-			P168TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	168,000	
		kW	49.2	
	Input	kW	12.71	
Rated cooling capacity		BTU/h	161,000	
		kW	47.2	
	Input	kW	11.95	11.58

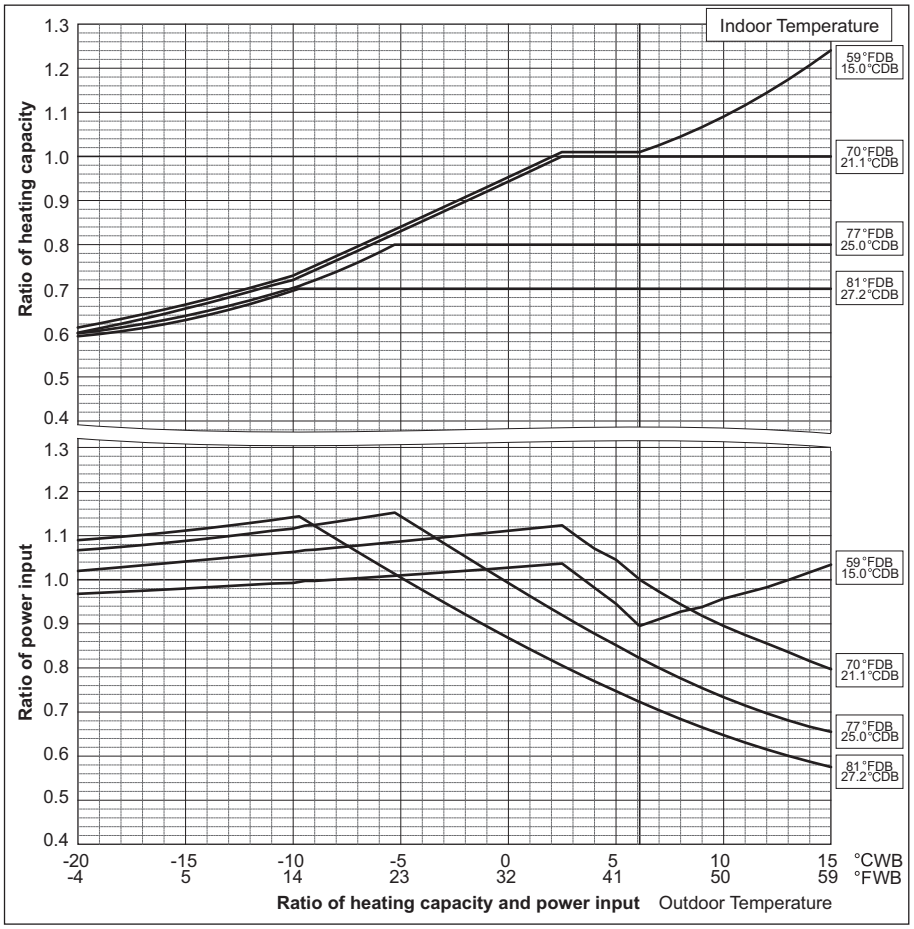
PUHY-			P192TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	192,000	
		kW	56.3	
	Input	kW	14.81	
Rated cooling capacity		BTU/h	183,000	
		kW	53.6	
	Input	kW	14.04	13.39



PUHY-			P144YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	160,000	
		kW	46.9	
	Input	kW	11.68	
Rated heating capacity		BTU/h	152,000	
		kW	44.5	
	Input	kW	10.79	10.84

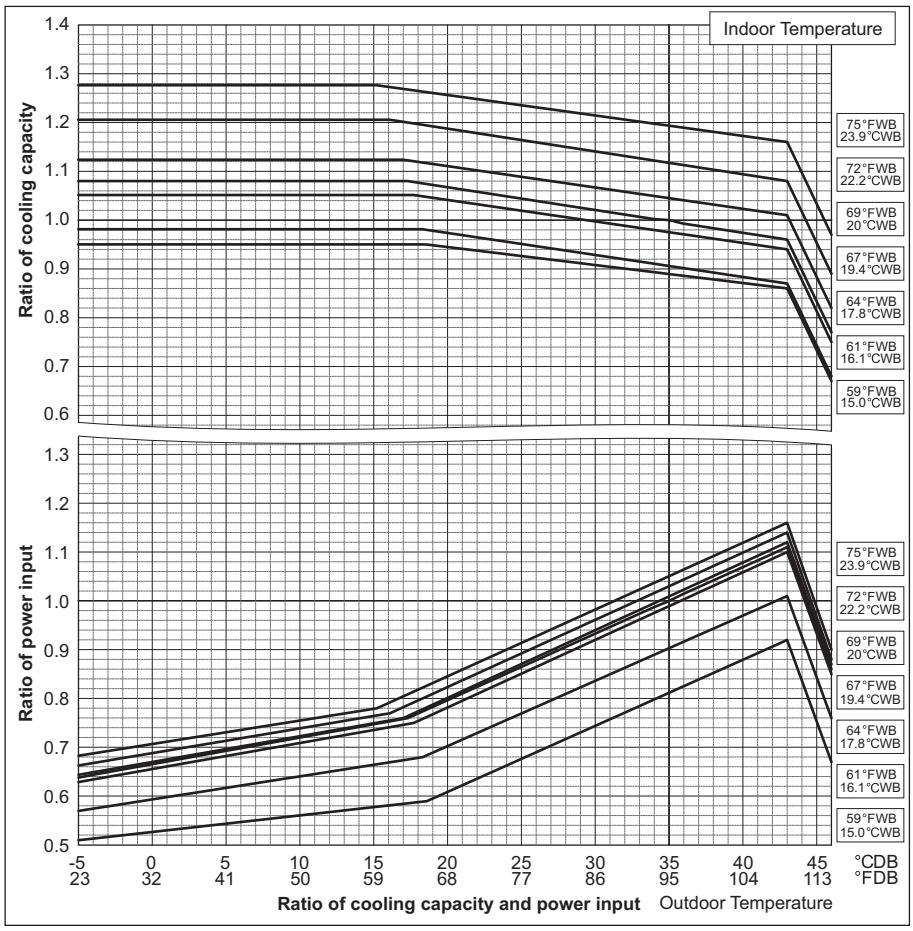
PUHY-			P168TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	188,000	
		kW	55.1	
	Input	kW	14.02	
Rated heating capacity		BTU/h	179,000	
		kW	52.5	
	Input	kW	13.16	12.80

PUHY-			P192TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	215,000	
		kW	63.0	
	Input	kW	16.91	
Rated heating capacity		BTU/h	205,000	
		kW	60.1	
	Input	kW	16.00	15.31



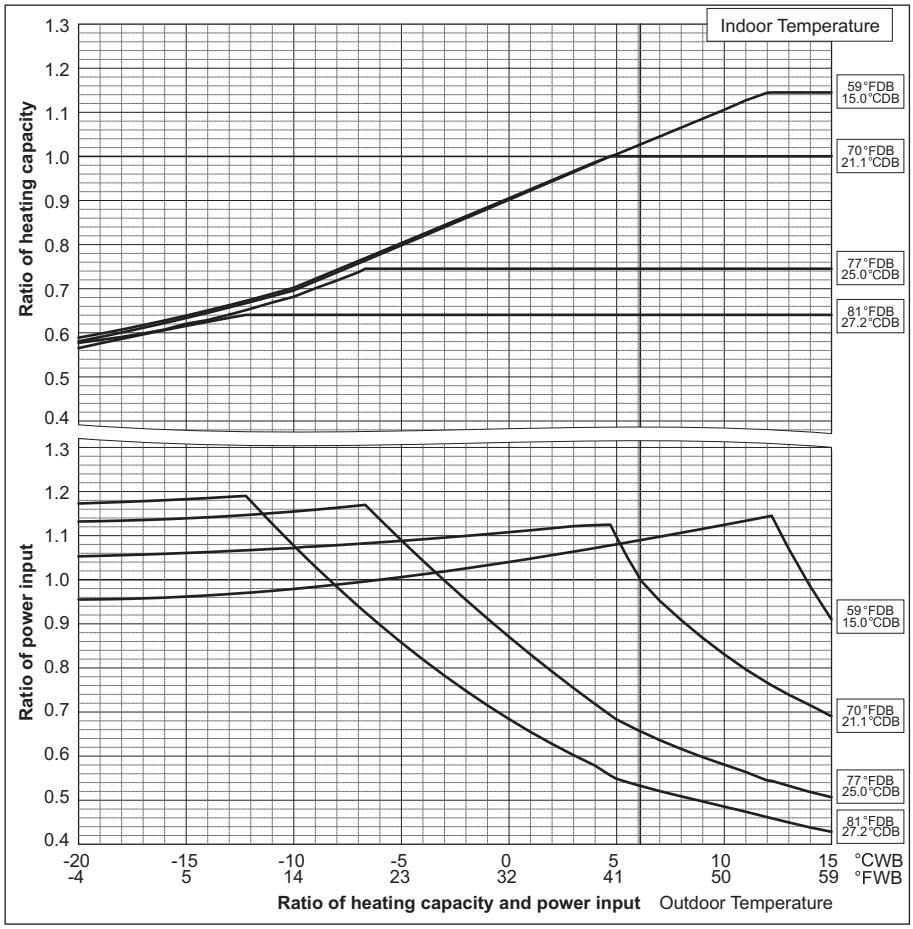
PUHY-			P216TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	216,000	
		kW	63.3	
	Input	kW	16.90	
Rated cooling capacity		BTU/h	206,000	
		kW	60.4	
	Input	kW	16.09	15.21

PUHY-			P240TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	240,000	
		kW	70.3	
	Input	kW	19.12	
Rated cooling capacity		BTU/h	228,000	
		kW	66.8	
	Input	kW	18.28	17.13



PUHY-			P216TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	243,000	
		kW	71.2	
	Input	kW	19.26	
Rated heating capacity		BTU/h	232,000	
		kW	68.0	
	Input	kW	18.40	17.27

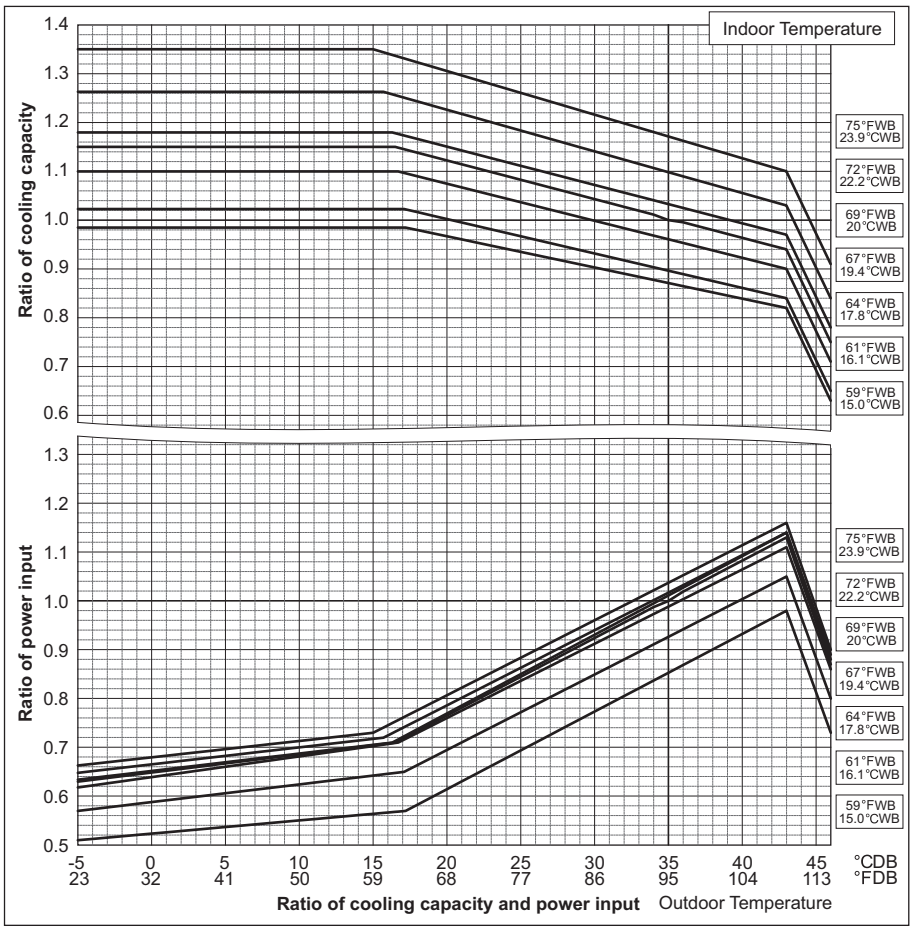
PUHY-			P240TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	270,000	
		kW	79.1	
	Input	kW	21.86	
Rated heating capacity		BTU/h	258,000	
		kW	75.6	
	Input	kW	20.70	19.78



Y

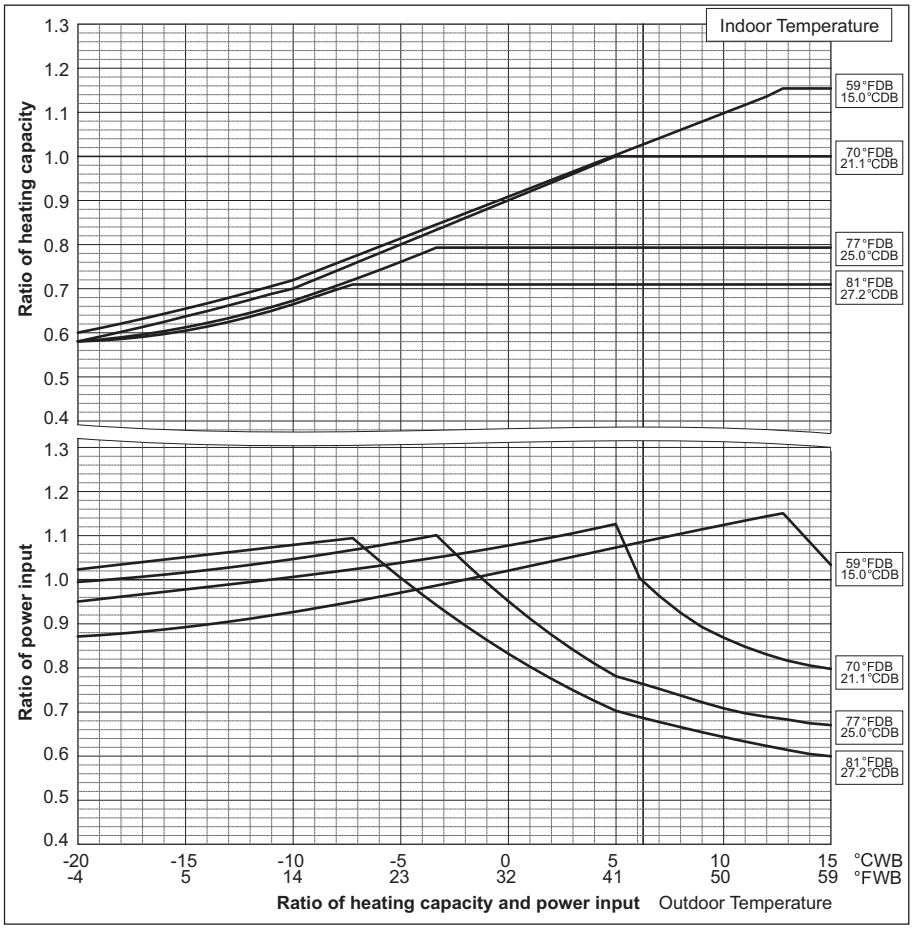
PUHY-			P264TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	264,000	
		kW	77.4	
	Input	kW	20.35	
Rated cooling capacity		BTU/h	252,000	
		kW	73.9	
	Input	kW	19.39	18.29

PUHY-			P288TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	288,000	
		kW	84.4	
	Input	kW	22.39	
Rated cooling capacity		BTU/h	275,000	
		kW	80.6	
	Input	kW	21.33	20.13



PUHY-			P264TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	295,000	
		kW	86.5	
	Input	kW	23.11	
Rated heating capacity		BTU/h	281,000	
		kW	82.4	
	Input	kW	22.07	20.72

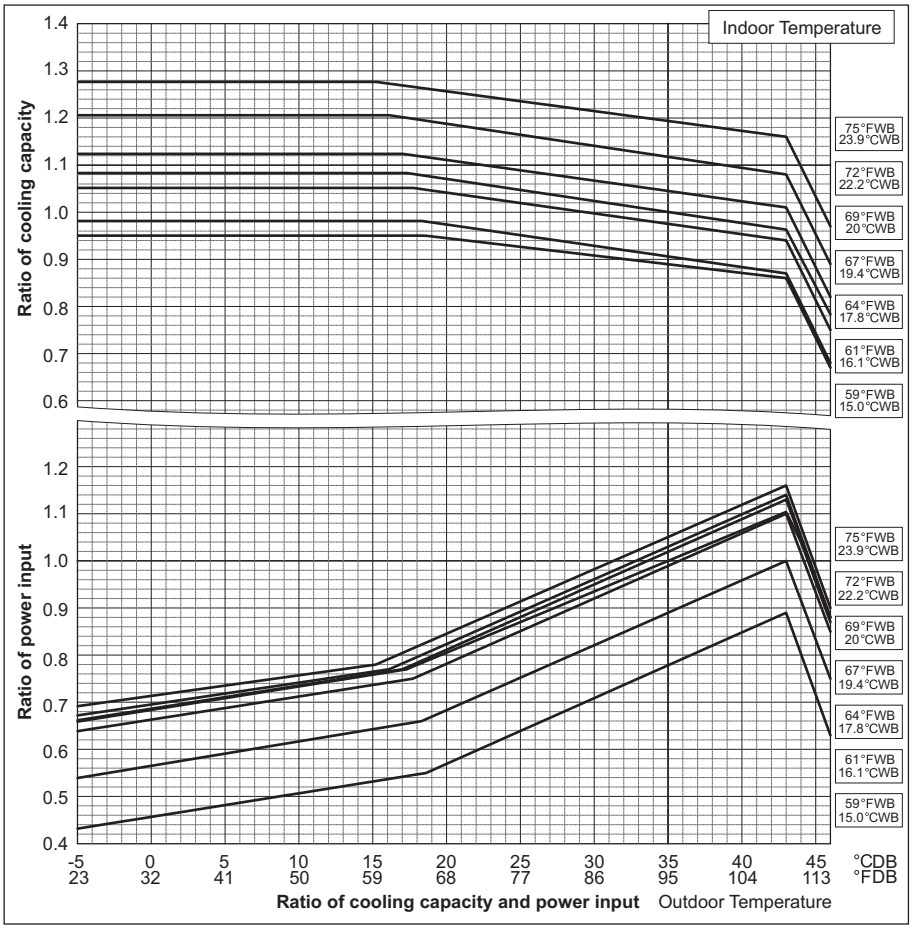
PUHY-			P288TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	323,000	
		kW	94.7	
	Input	kW	25.36	
Rated heating capacity		BTU/h	308,000	
		kW	90.3	
	Input	kW	24.27	22.69



PUHY-			P312TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	312,000	
		kW	91.4	
	Input	kW	24.87	
Rated cooling capacity		BTU/h	297,000	
		kW	87.0	
	Input	kW	23.70	22.36

PUHY-			P336TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	336,000	
		kW	98.5	
	Input	kW	27.21	
Rated cooling capacity		BTU/h	320,000	
		kW	93.8	
	Input	kW	25.82	24.57

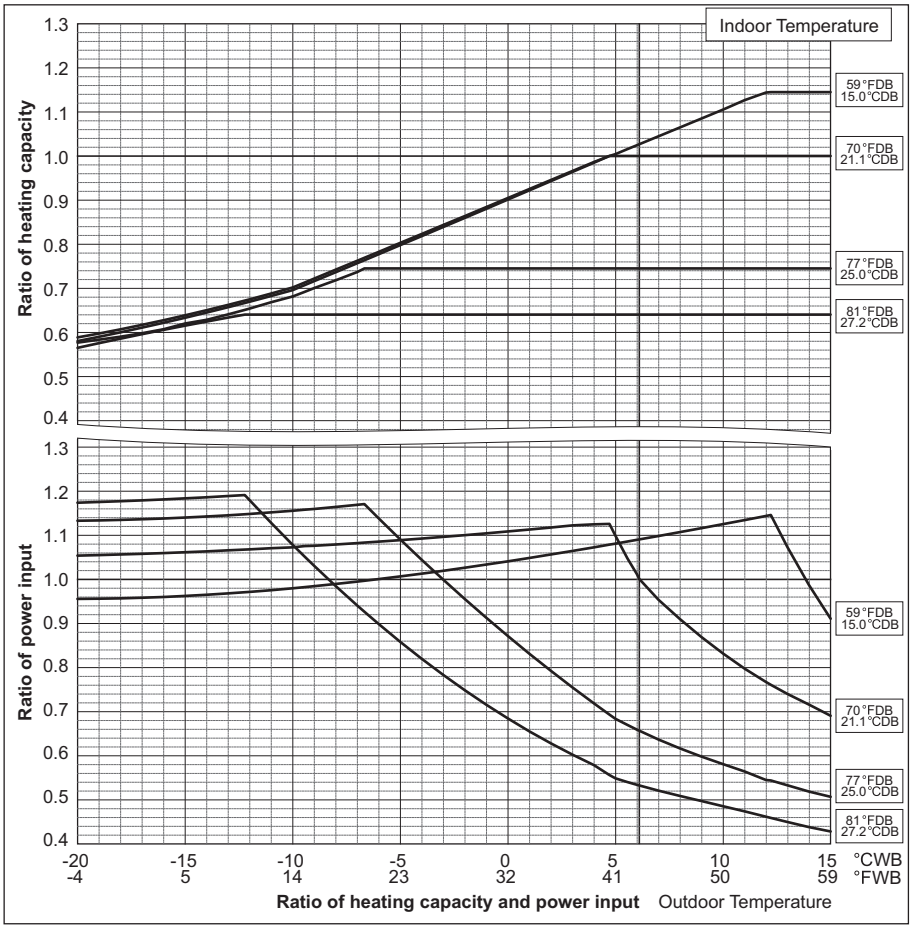
PUHY-			P360TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	360,000	
		kW	105.5	
	Input	kW	29.65	
Rated cooling capacity		BTU/h	342,000	
		kW	100.2	
	Input	kW	28.14	26.77



PUHY-			P312TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	350,000	
		kW	102.6	
	Input	kW	28.71	
Rated heating capacity		BTU/h	334,000	
		kW	97.9	
	Input	kW	27.53	25.64

PUHY-			P336TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	378,000	
		kW	110.8	
	Input	kW	31.73	
Rated heating capacity		BTU/h	361,000	
		kW	105.8	
	Input	kW	30.61	28.14

PUHY-			P360TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	405,000	
		kW	118.7	
	Input	kW	35.39	
Rated heating capacity		BTU/h	387,000	
		kW	113.4	
	Input	kW	34.30	31.23



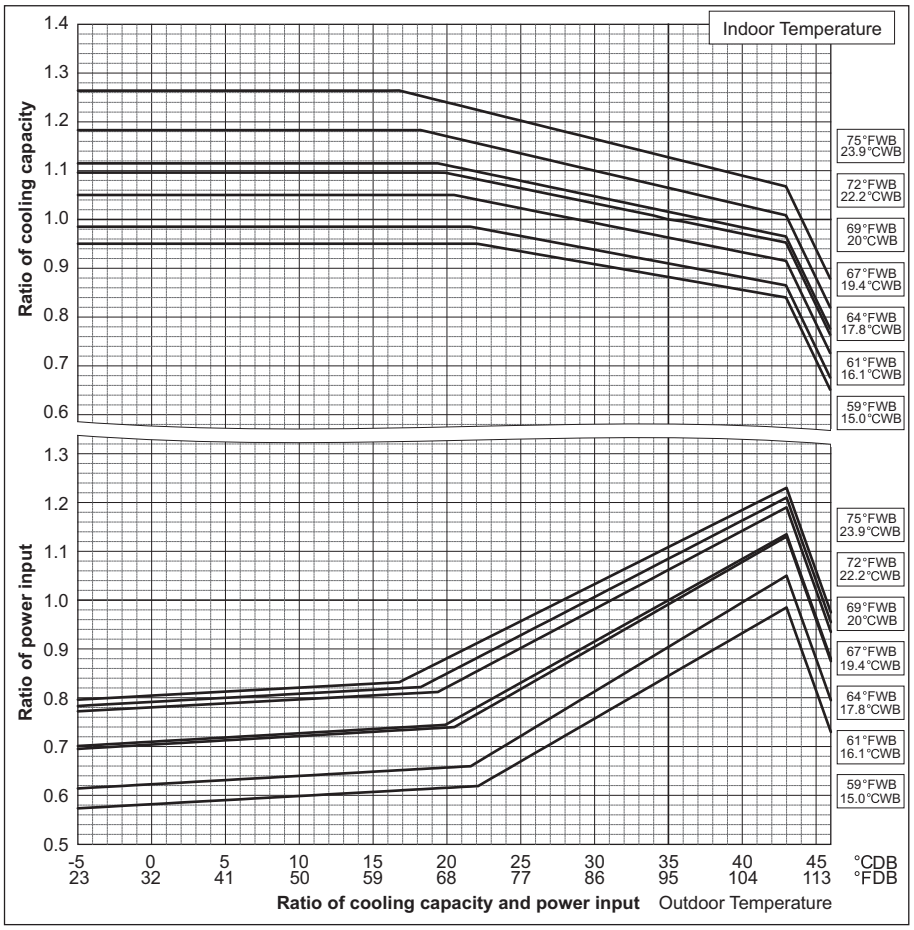
Correction by temperature (High Heating Performance Mode)

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.)

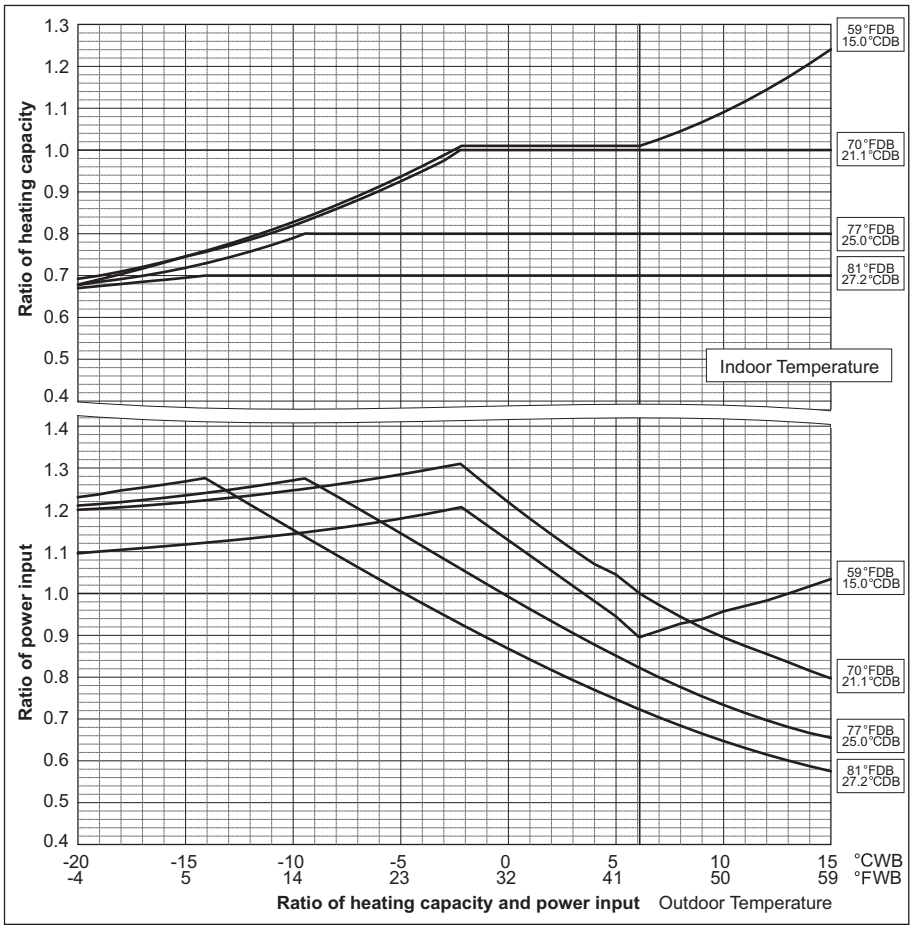
PUHY-			P72TKMU/YKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	72,000	
		kW	21.1	
	Input	kW	5.06	
Rated cooling capacity		BTU/h	69,000	
		kW	20.2	
	Input	kW	4.58	4.79

PUHY-			P96TKMU/YKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	96,000	
		kW	28.1	
	Input	kW	7.00	
Rated cooling capacity		BTU/h	92,000	
		kW	27.0	
	Input	kW	6.35	6.62

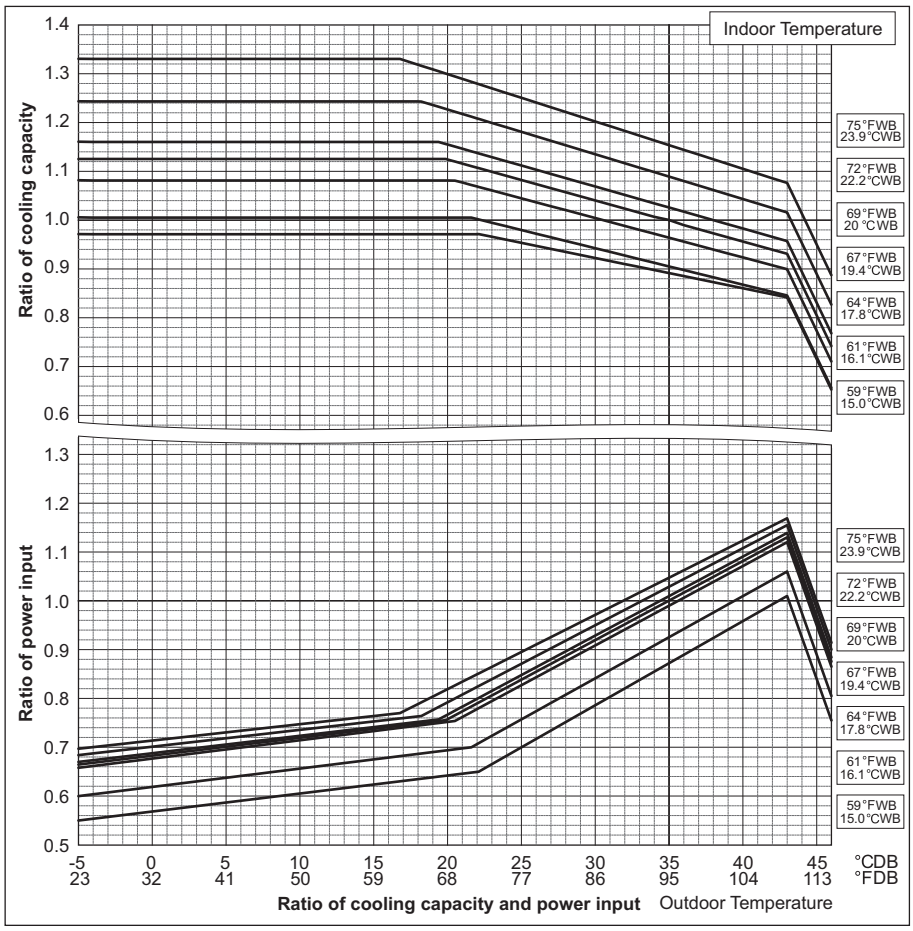


PUHY-			P72TKMU/YKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	80,000	
		kW	23.4	
	Input	kW	5.62	
Rated heating capacity		BTU/h	76,000	
		kW	22.3	
	Input	kW	5.04	5.36

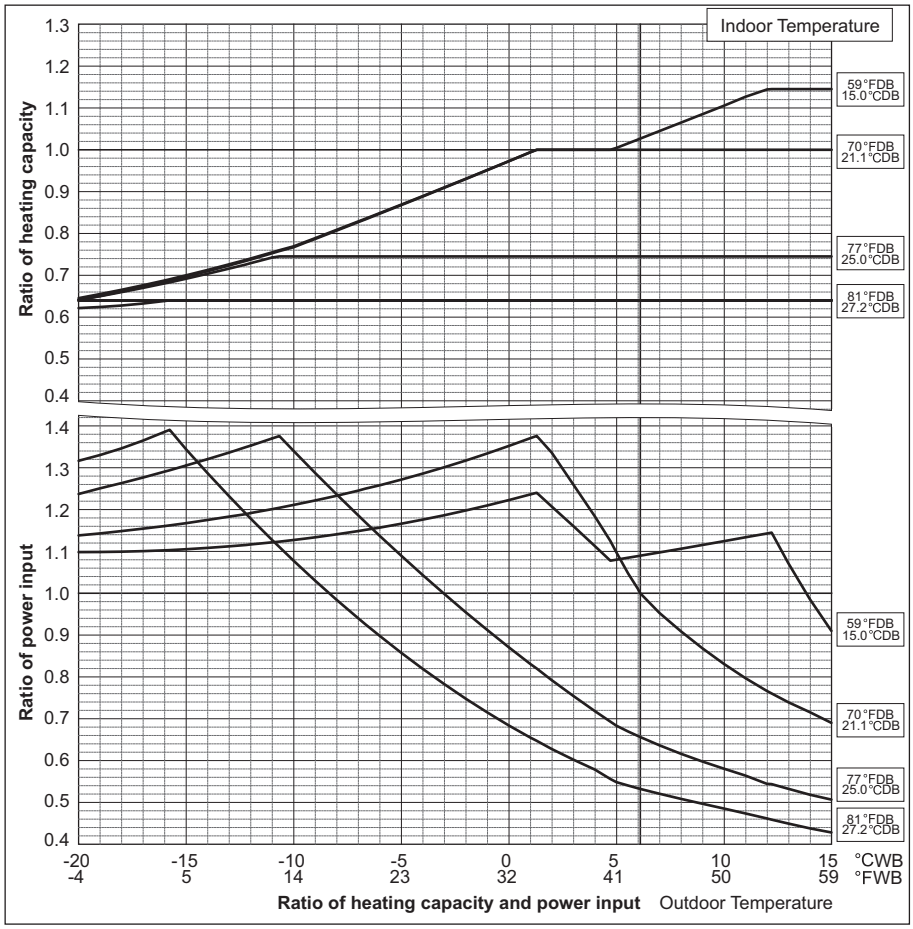
PUHY-			P96TKMU/YKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	108,000	
		kW	31.7	
	Input	kW	7.47	
Rated heating capacity		BTU/h	103,000	
		kW	30.2	
	Input	kW	6.79	7.04



PUHY-			P120TKMU/YKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	120,000	
		kW	35.2	
	Input	kW	9.09	
Rated cooling capacity		BTU/h	114,000	
		kW	33.4	
	Input	kW	8.56	8.27

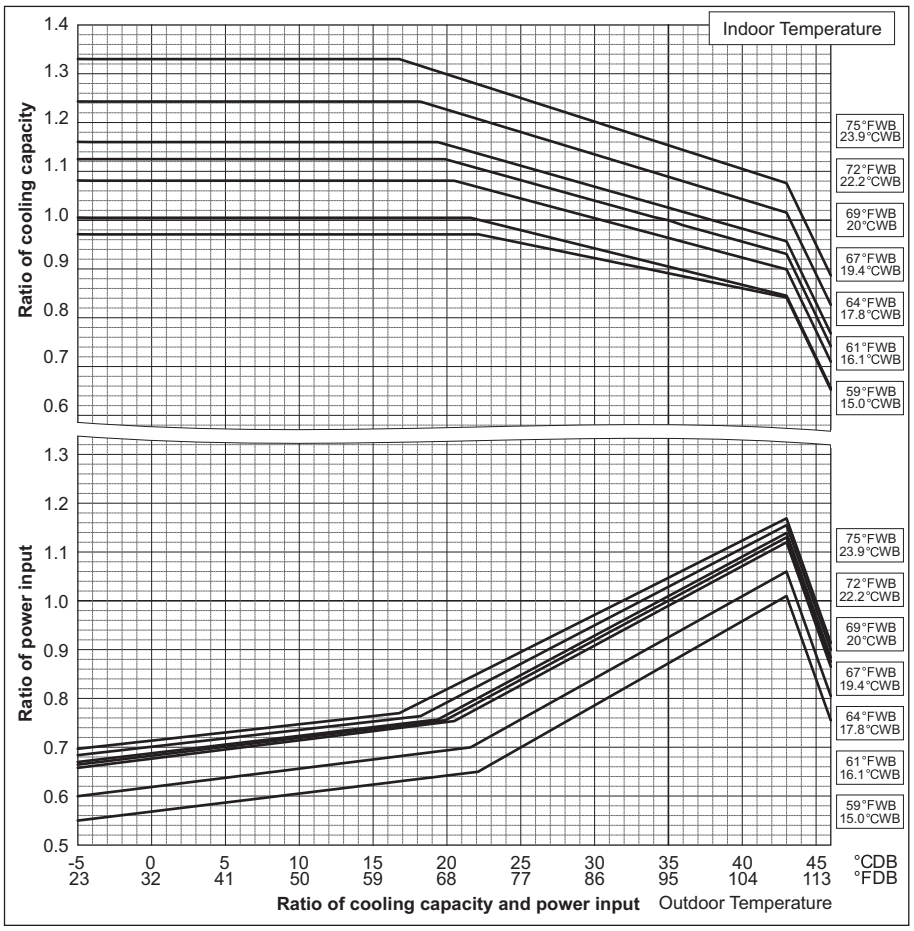


PUHY-			P120TKMU/YKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	135,000	
		kW	39.6	
	Input	kW	10.28	
Rated heating capacity		BTU/h	129,000	
		kW	37.8	
	Input	kW	9.46	9.57

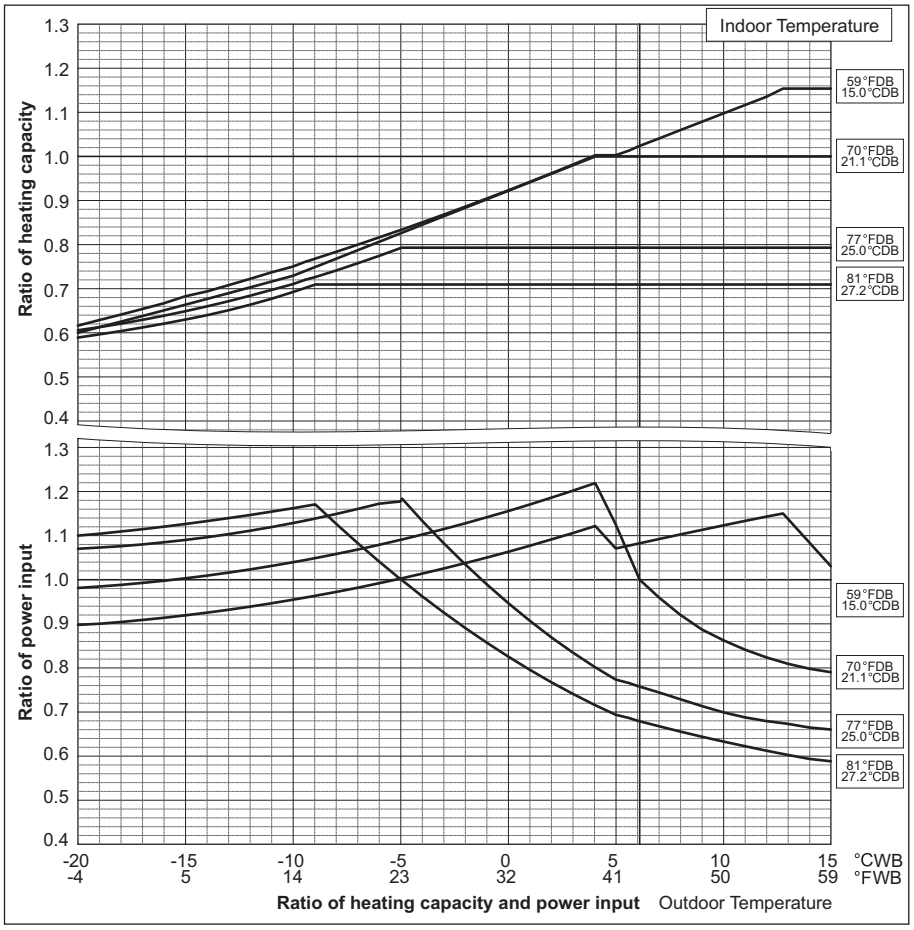


Y

PUHY-			P144TKMU/YKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	144,000	
		kW	42.2	
	Input	kW	11.84	
Rated cooling capacity		BTU/h	137,000	
		kW	40.2	
	Input	kW	11.13	10.79



PUHY-			P144TKMU/YKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	160,000	
		kW	46.9	
	Input	kW	12.47	
Rated heating capacity		BTU/h	152,000	
		kW	44.5	
	Input	kW	11.49	11.61

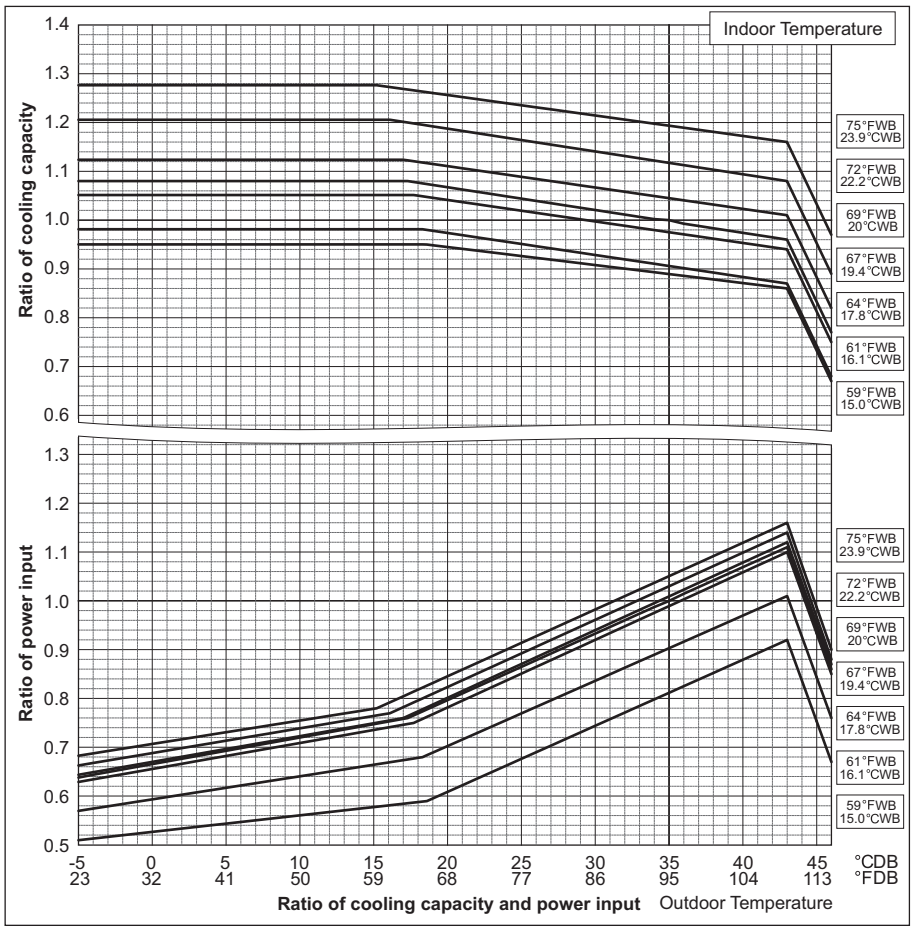


6. CAPACITY TABLES

PUHY-			P144YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	144,000	
		kW	42.2	
	Input	kW	10.57	
Rated cooling capacity		BTU/h	137,000	
		kW	40.2	
	Input	kW	9.89	9.68

PUHY-			P168TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	168,000	
		kW	49.2	
	Input	kW	12.71	
Rated cooling capacity		BTU/h	161,000	
		kW	47.2	
	Input	kW	11.95	11.58

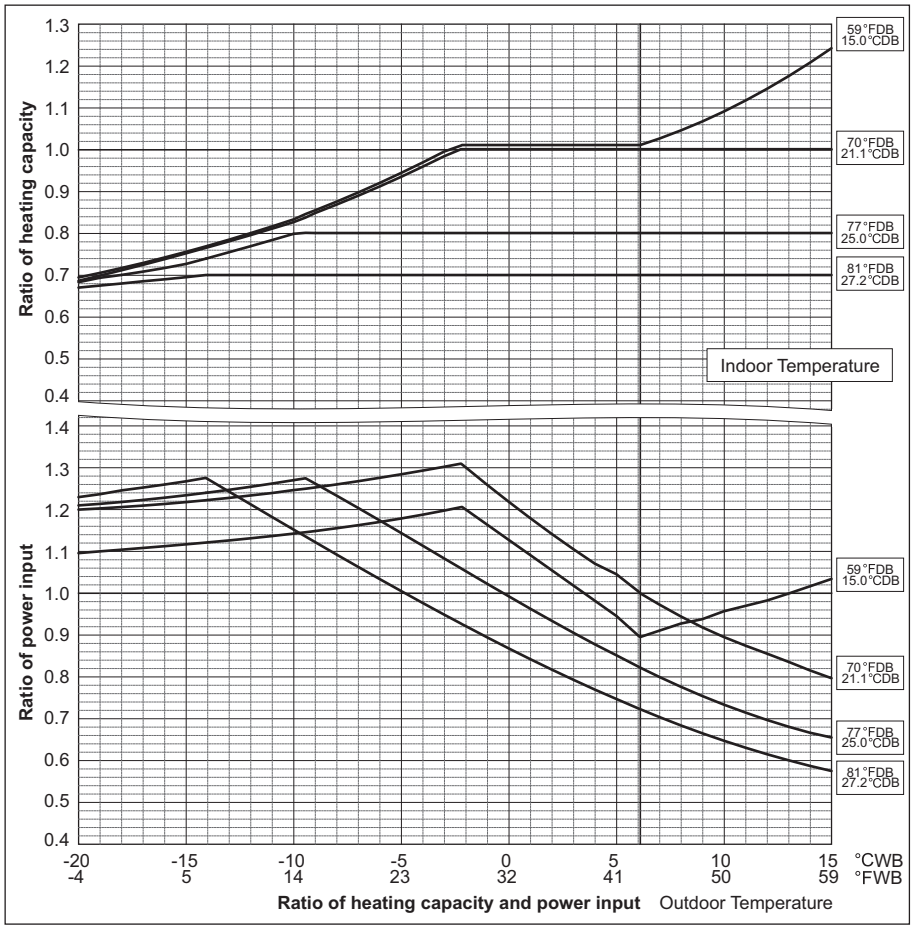
PUHY-			P192TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	192,000	
		kW	56.3	
	Input	kW	14.81	
Rated cooling capacity		BTU/h	183,000	
		kW	53.6	
	Input	kW	14.04	13.39



PUHY-			P144YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	160,000	
		kW	46.9	
	Input	kW	11.68	
Rated heating capacity		BTU/h	152,000	
		kW	44.5	
	Input	kW	10.79	10.84

PUHY-			P168TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	188,000	
		kW	55.1	
	Input	kW	14.02	
Rated heating capacity		BTU/h	179,000	
		kW	52.5	
	Input	kW	13.16	12.80

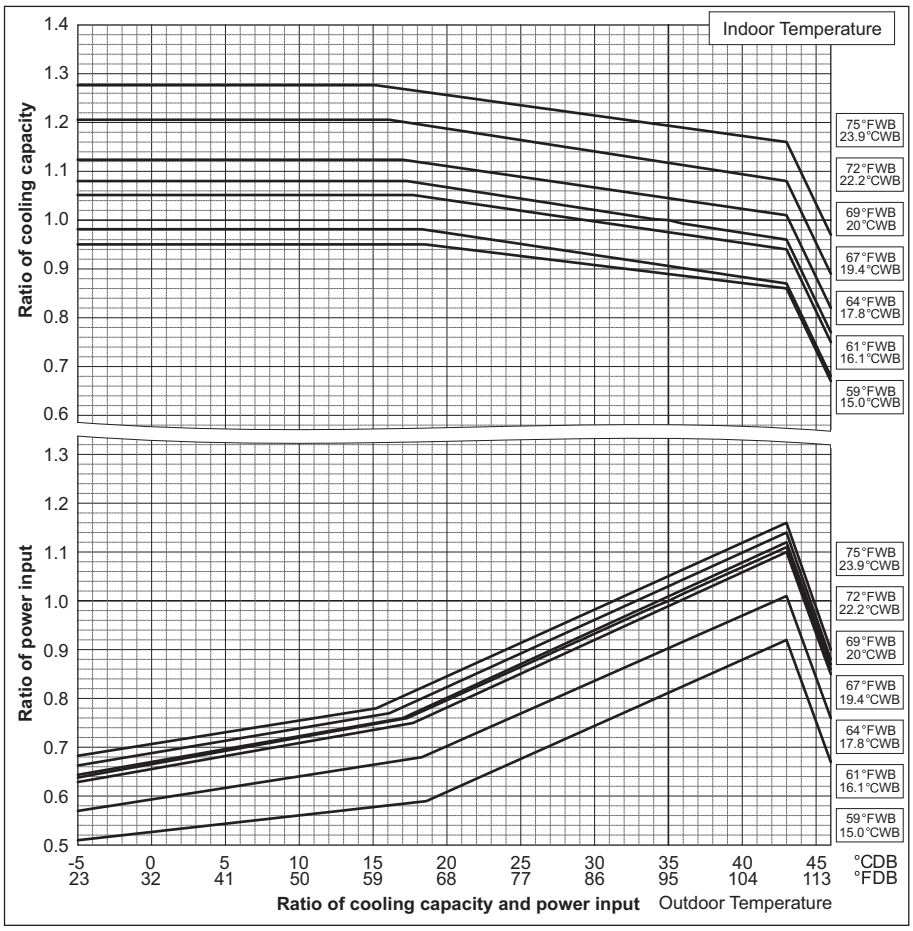
PUHY-			P192TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	215,000	
		kW	63.0	
	Input	kW	16.91	
Rated heating capacity		BTU/h	205,000	
		kW	60.1	
	Input	kW	16.00	15.31



Y

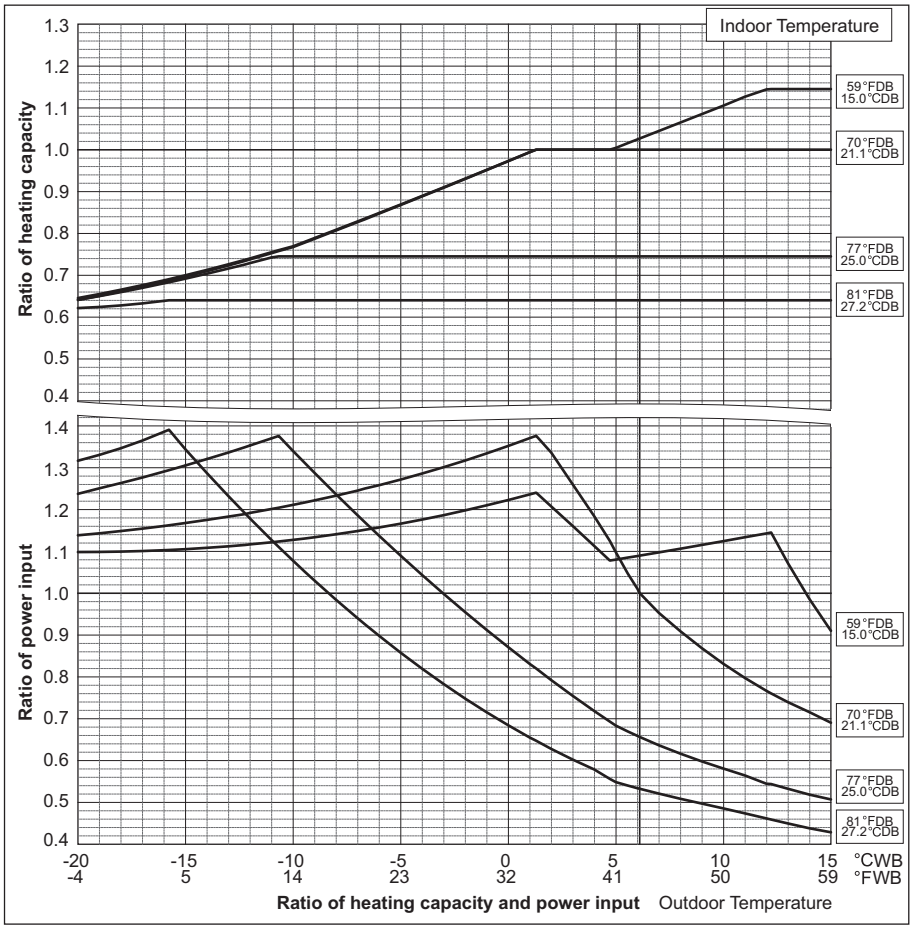
PUHY-			P216TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	216,000	
		kW	63.3	
	Input	kW	16.90	
Rated cooling capacity		BTU/h	206,000	
		kW	60.4	
	Input	kW	16.09	15.21

PUHY-			P240TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	240,000	
		kW	70.3	
	Input	kW	19.12	
Rated cooling capacity		BTU/h	228,000	
		kW	66.8	
	Input	kW	18.28	17.13



PUHY-			P216TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	243,000	
		kW	71.2	
	Input	kW	19.26	
Rated heating capacity		BTU/h	232,000	
		kW	68.0	
	Input	kW	18.40	17.27

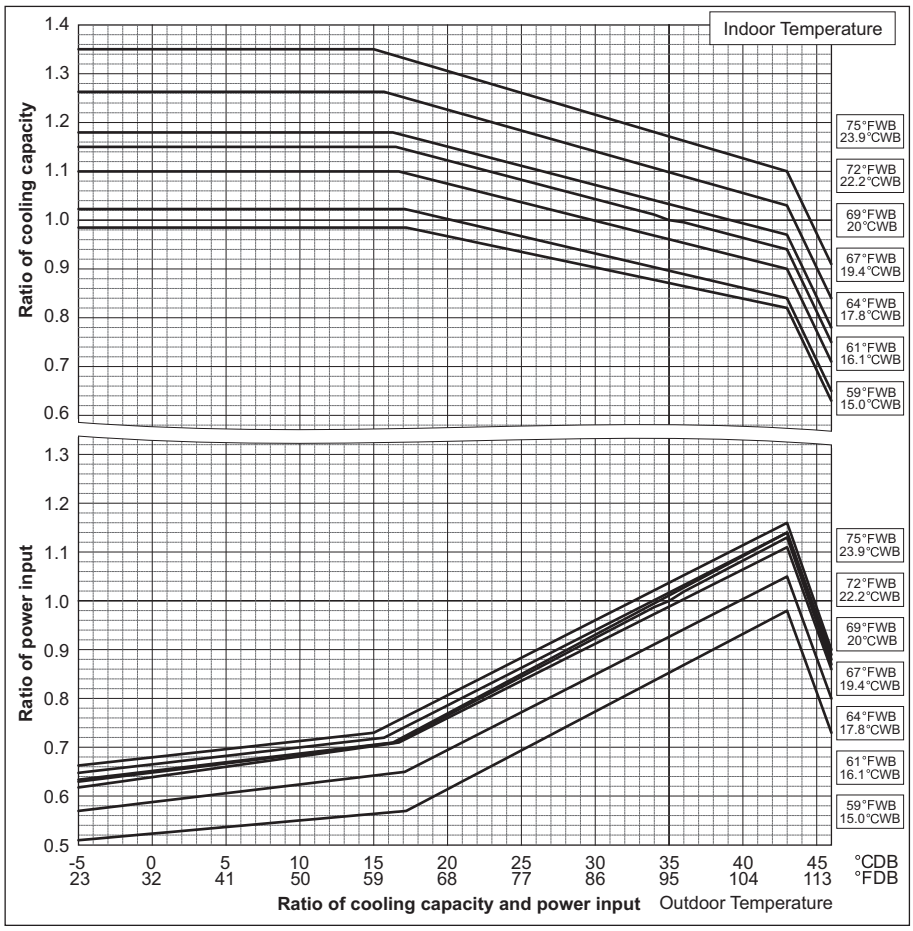
PUHY-			P240TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	270,000	
		kW	79.1	
	Input	kW	21.86	
Rated heating capacity		BTU/h	258,000	
		kW	75.6	
	Input	kW	20.70	19.78



6. CAPACITY TABLES

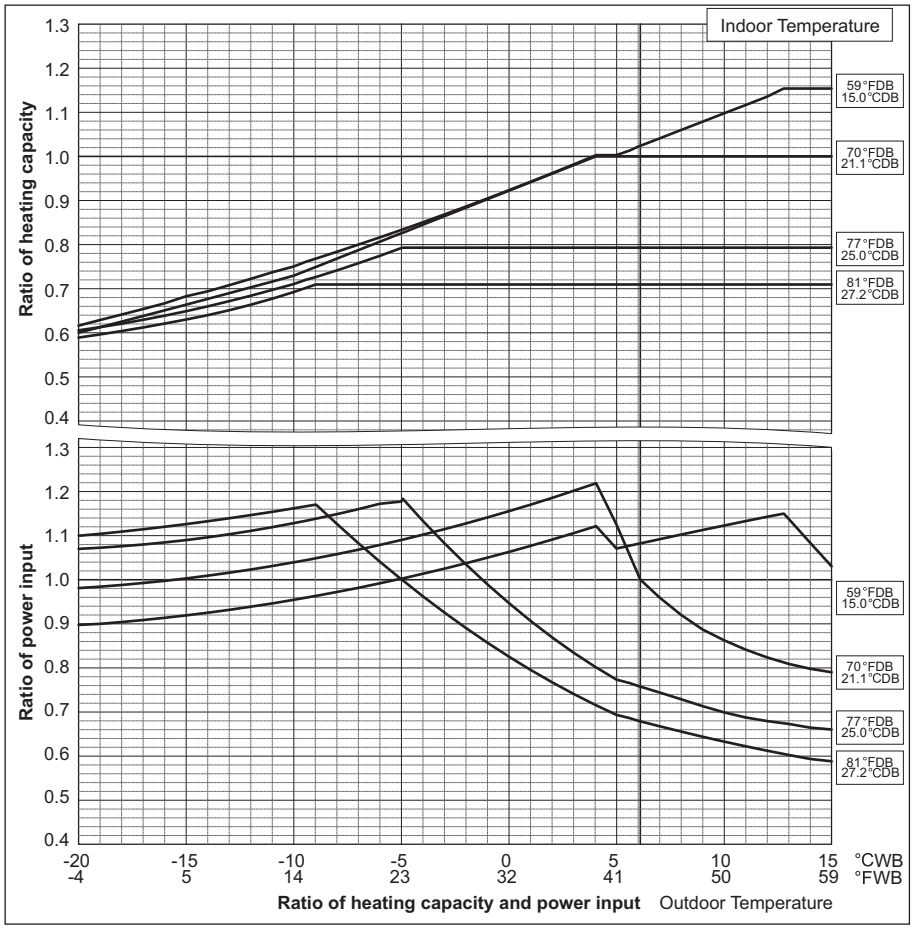
PUHY-			P264TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	264,000	
		kW	77.4	
	Input	kW	20.35	
Rated cooling capacity		BTU/h	252,000	
		kW	73.9	
	Input	kW	19.39	18.29

PUHY-			P288TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	288,000	
		kW	84.4	
	Input	kW	22.39	
Rated cooling capacity		BTU/h	275,000	
		kW	80.6	
	Input	kW	21.33	20.13



PUHY-			P264TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	295,000	
		kW	86.5	
	Input	kW	23.11	
Rated heating capacity		BTU/h	281,000	
		kW	82.4	
	Input	kW	22.07	20.72

PUHY-			P288TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	323,000	
		kW	94.7	
	Input	kW	25.36	
Rated heating capacity		BTU/h	308,000	
		kW	90.3	
	Input	kW	24.27	22.69

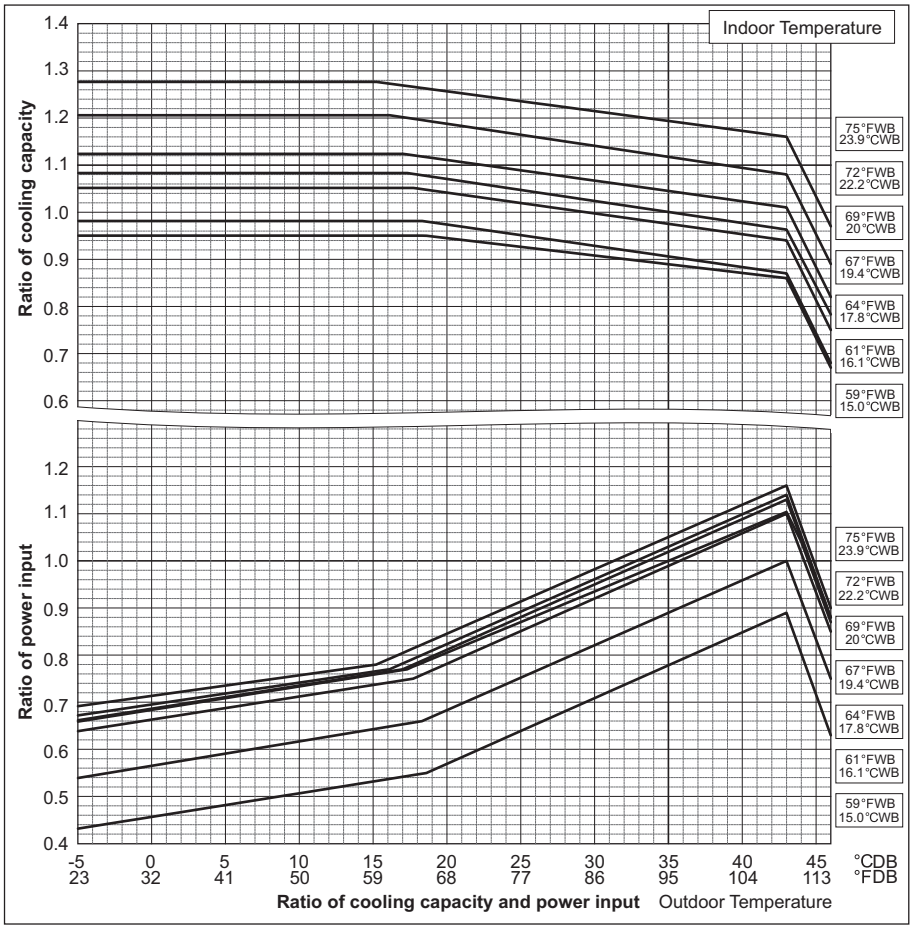


Y

PUHY-			P312TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	312,000	
		kW	91.4	
	Input	kW	24.87	
Rated cooling capacity		BTU/h	297,000	
		kW	87.0	
	Input	kW	23.70	22.36

PUHY-			P336TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	336,000	
		kW	98.5	
	Input	kW	27.21	
Rated cooling capacity		BTU/h	320,000	
		kW	93.8	
	Input	kW	25.82	24.57

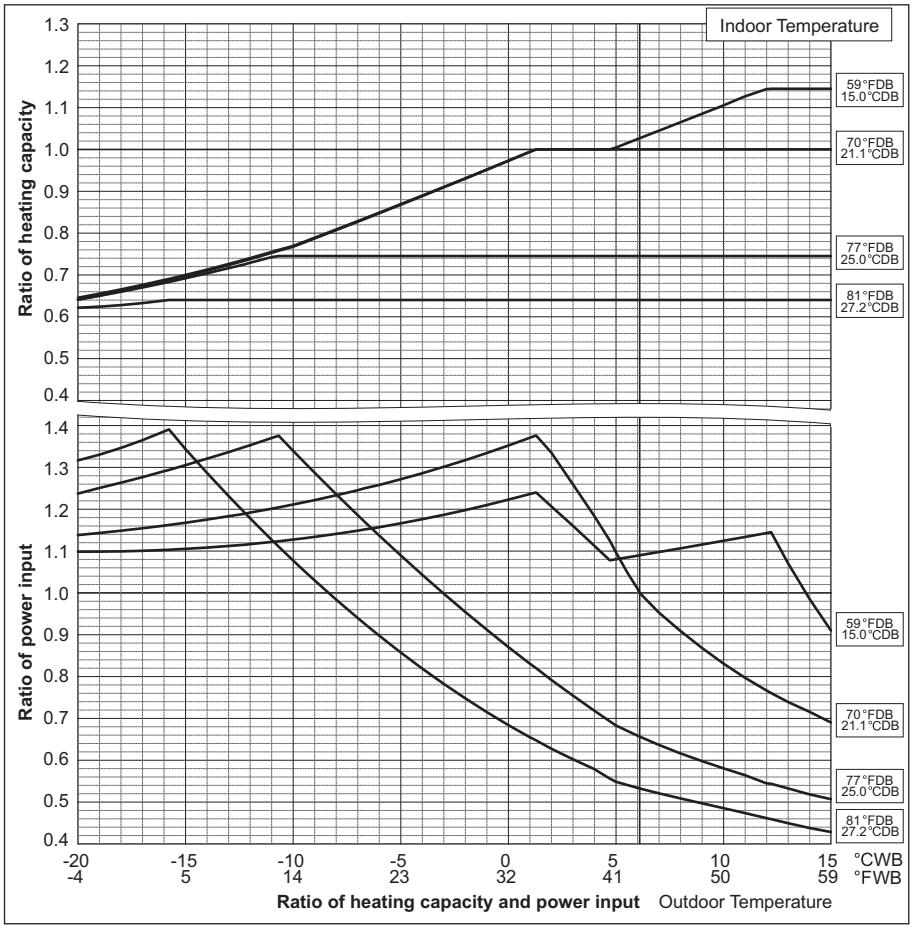
PUHY-			P360TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal cooling capacity		BTU/h	360,000	
		kW	105.5	
	Input	kW	29.65	
Rated cooling capacity		BTU/h	342,000	
		kW	100.2	
	Input	kW	28.14	26.77



PUHY-			P312TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	350,000	
		kW	102.6	
	Input	kW	28.71	
Rated heating capacity		BTU/h	334,000	
		kW	97.9	
	Input	kW	27.53	25.64

PUHY-			P336TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	378,000	
		kW	110.8	
	Input	kW	31.73	
Rated heating capacity		BTU/h	361,000	
		kW	105.8	
	Input	kW	30.61	28.14

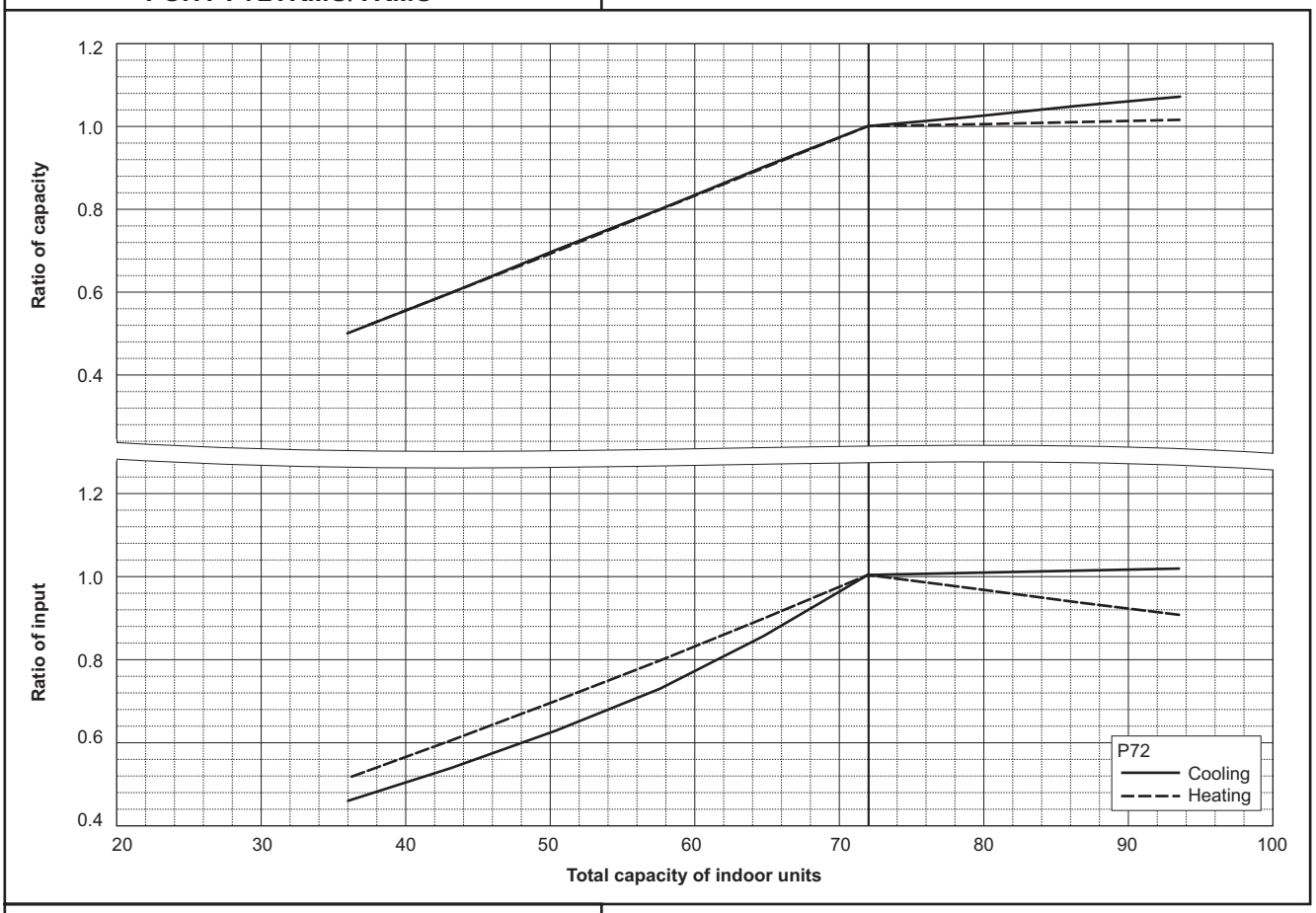
PUHY-			P360TSKMU/YSKMU	
			Non-Ducted	Ducted
Nominal heating capacity		BTU/h	405,000	
		kW	118.7	
	Input	kW	35.39	
Rated heating capacity		BTU/h	387,000	
		kW	113.4	
	Input	kW	34.30	31.23



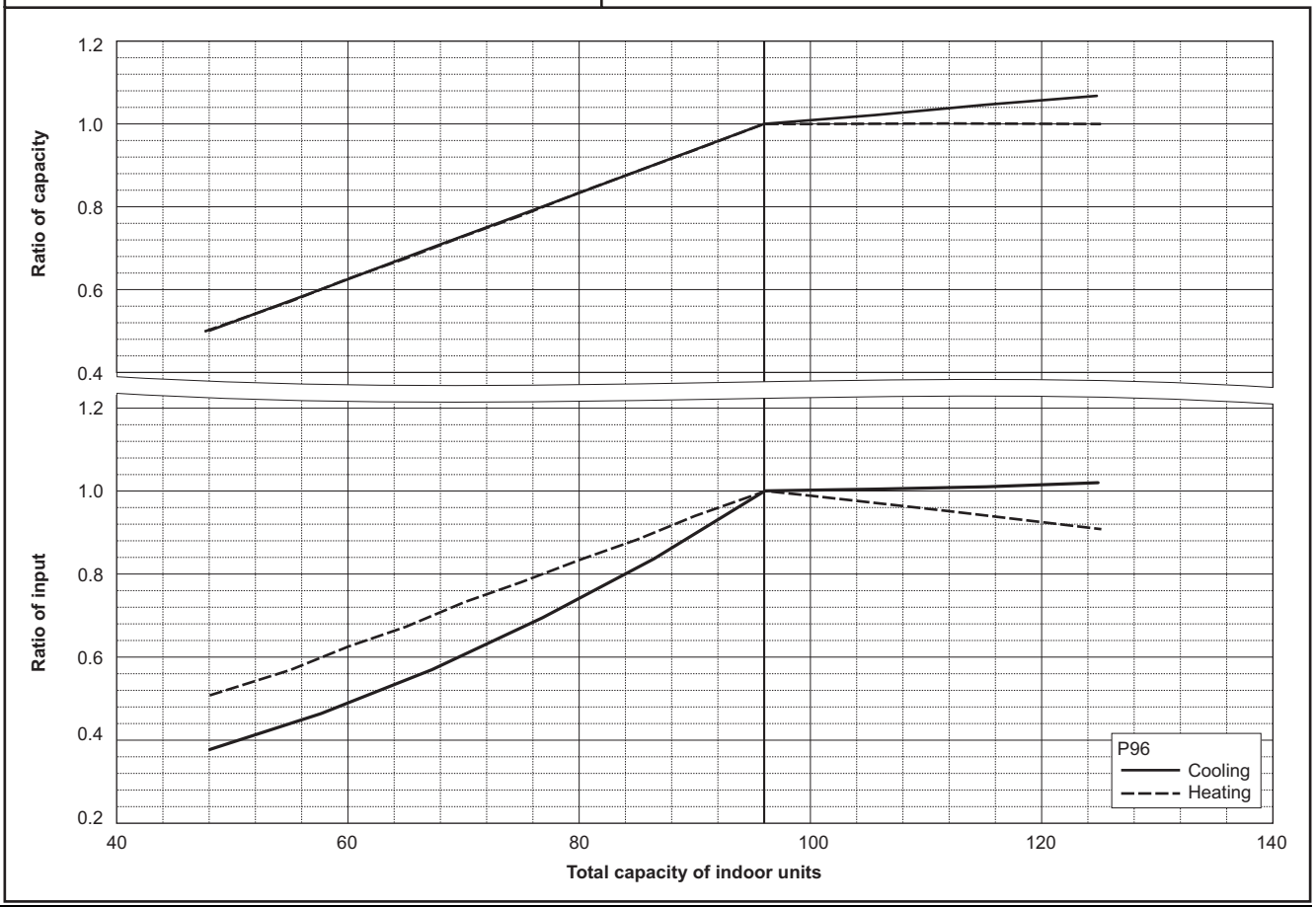
6-2. Correction by total indoor

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-P72TKMU/YKMU

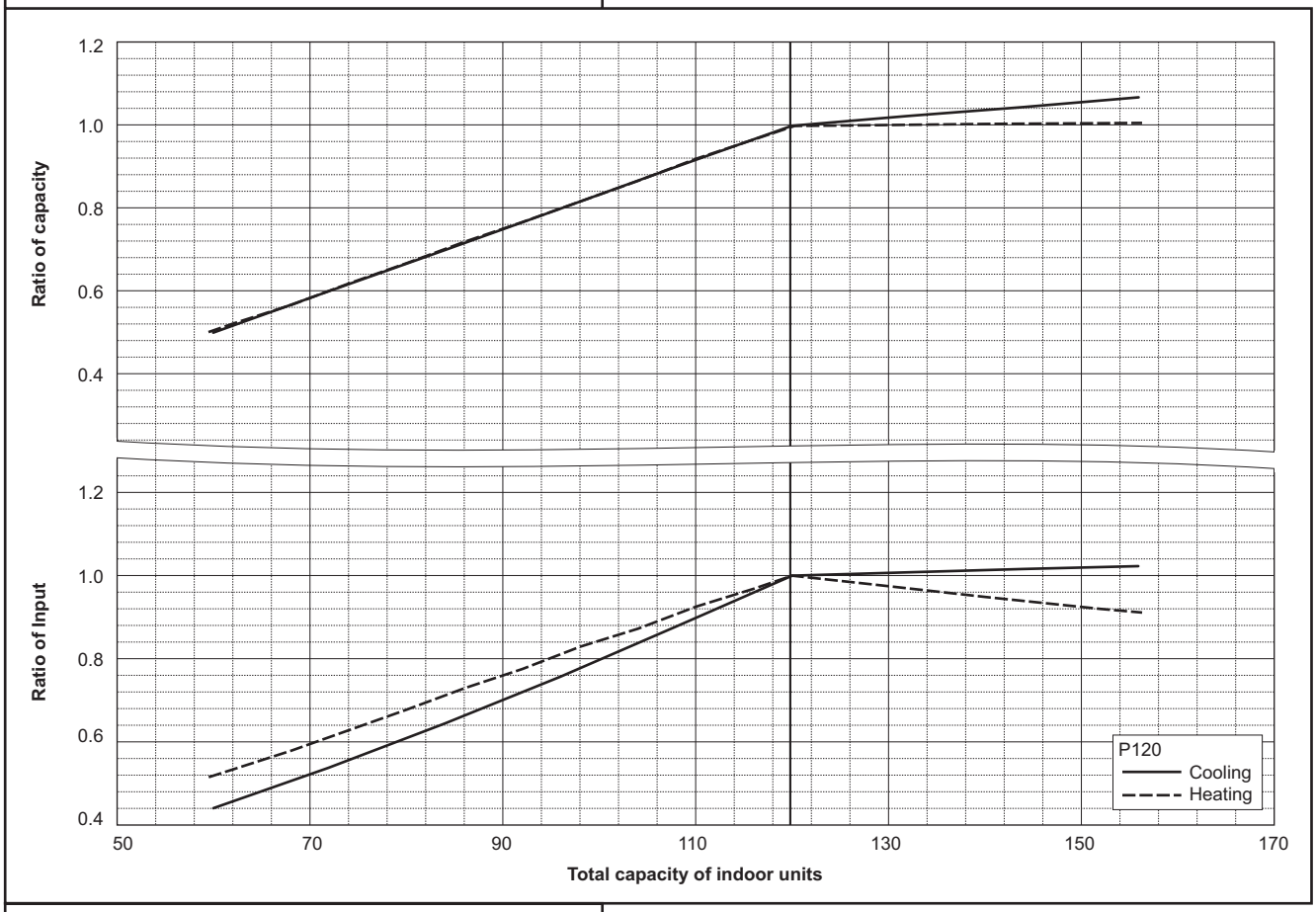


PUHY-P96TKMU/YKMU

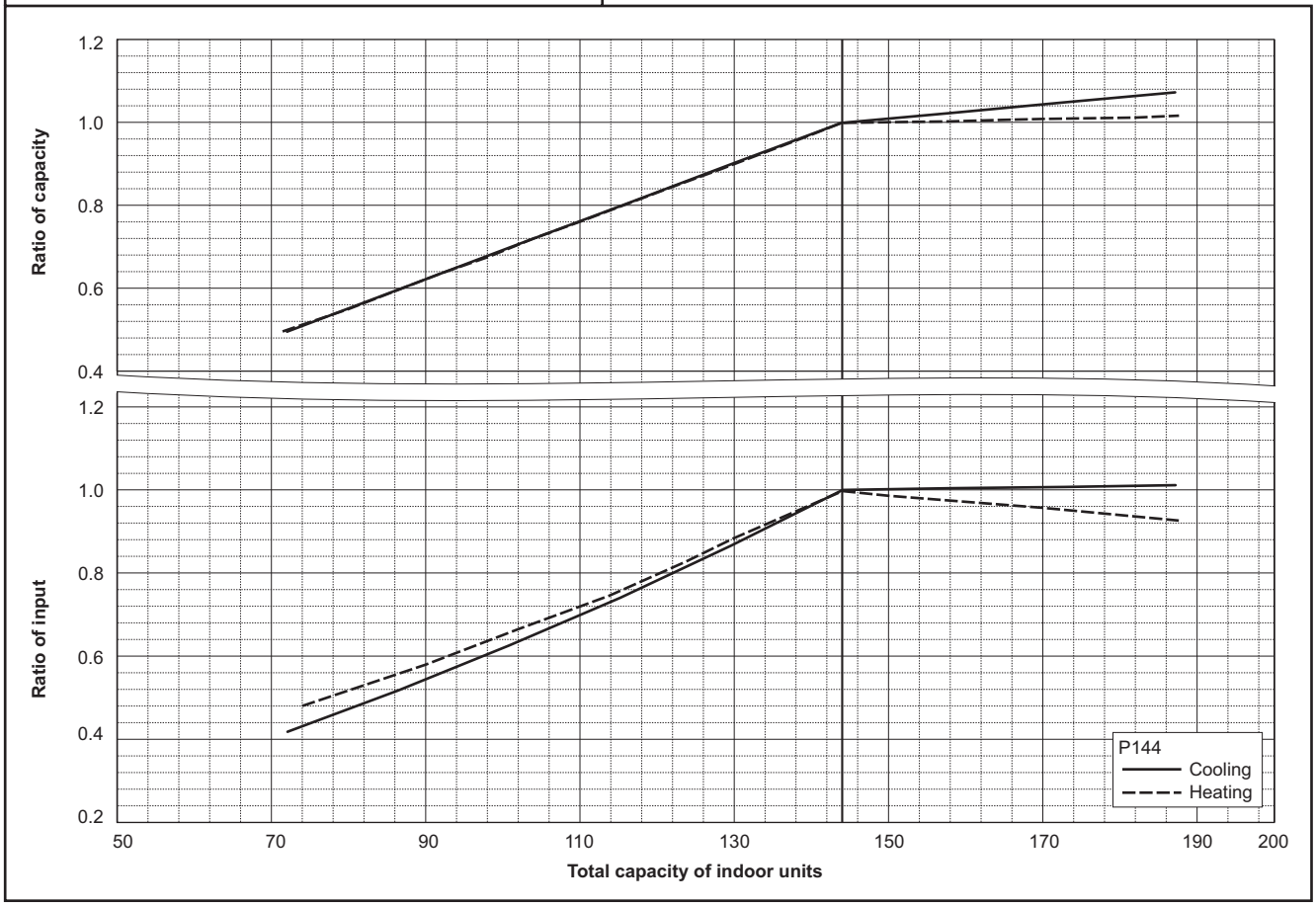


Y

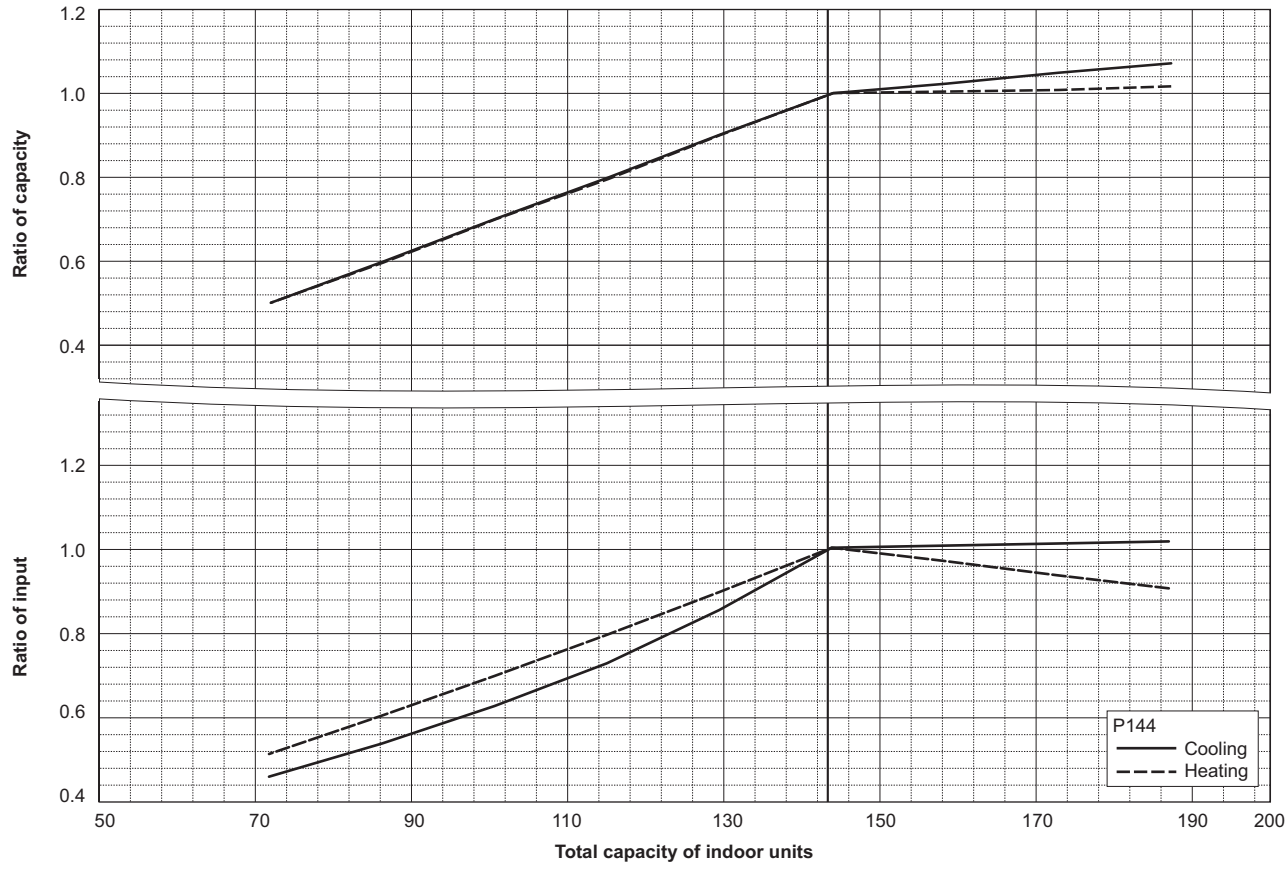
PUHY-P120TKMU/YKMU



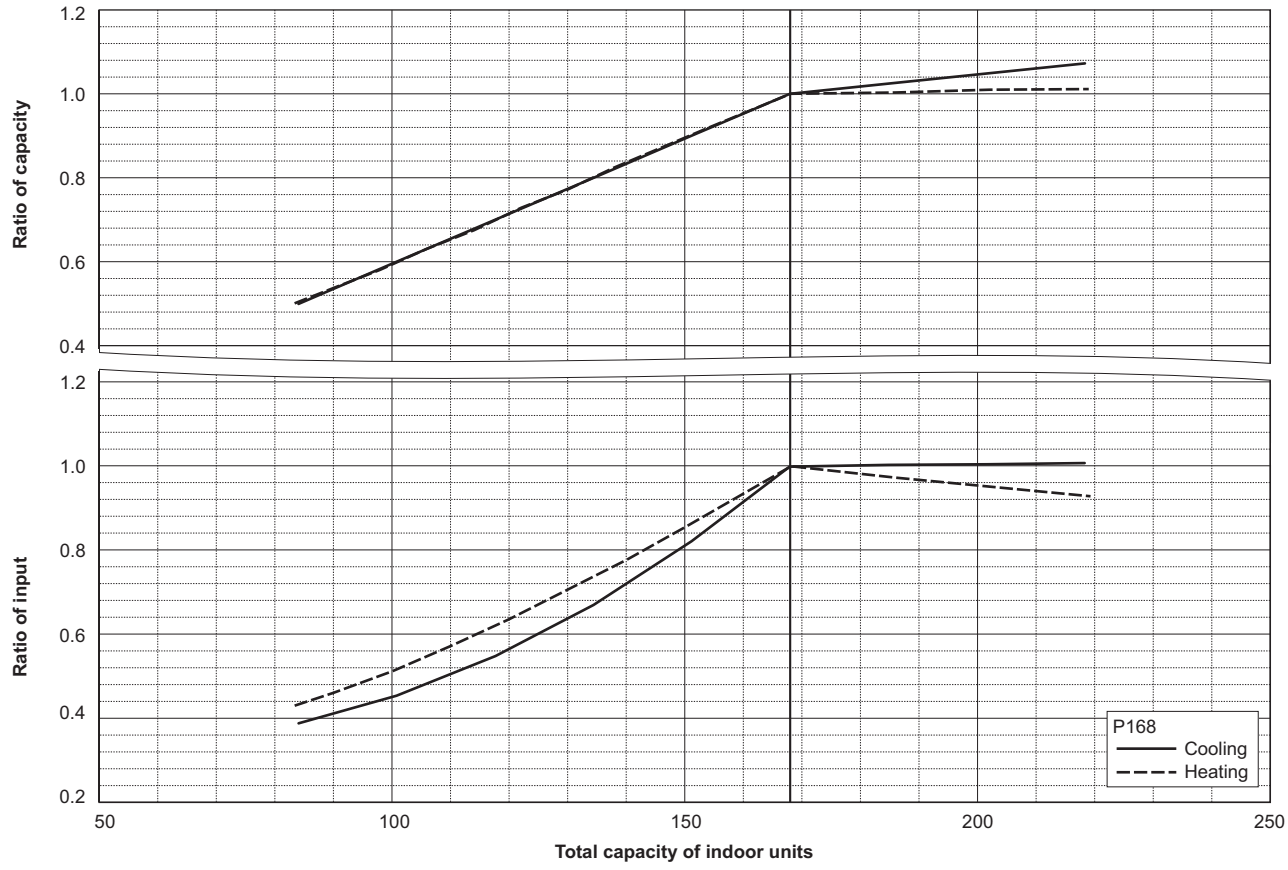
PUHY-P144TKMU/YKMU



PUHY-P144YSKMU

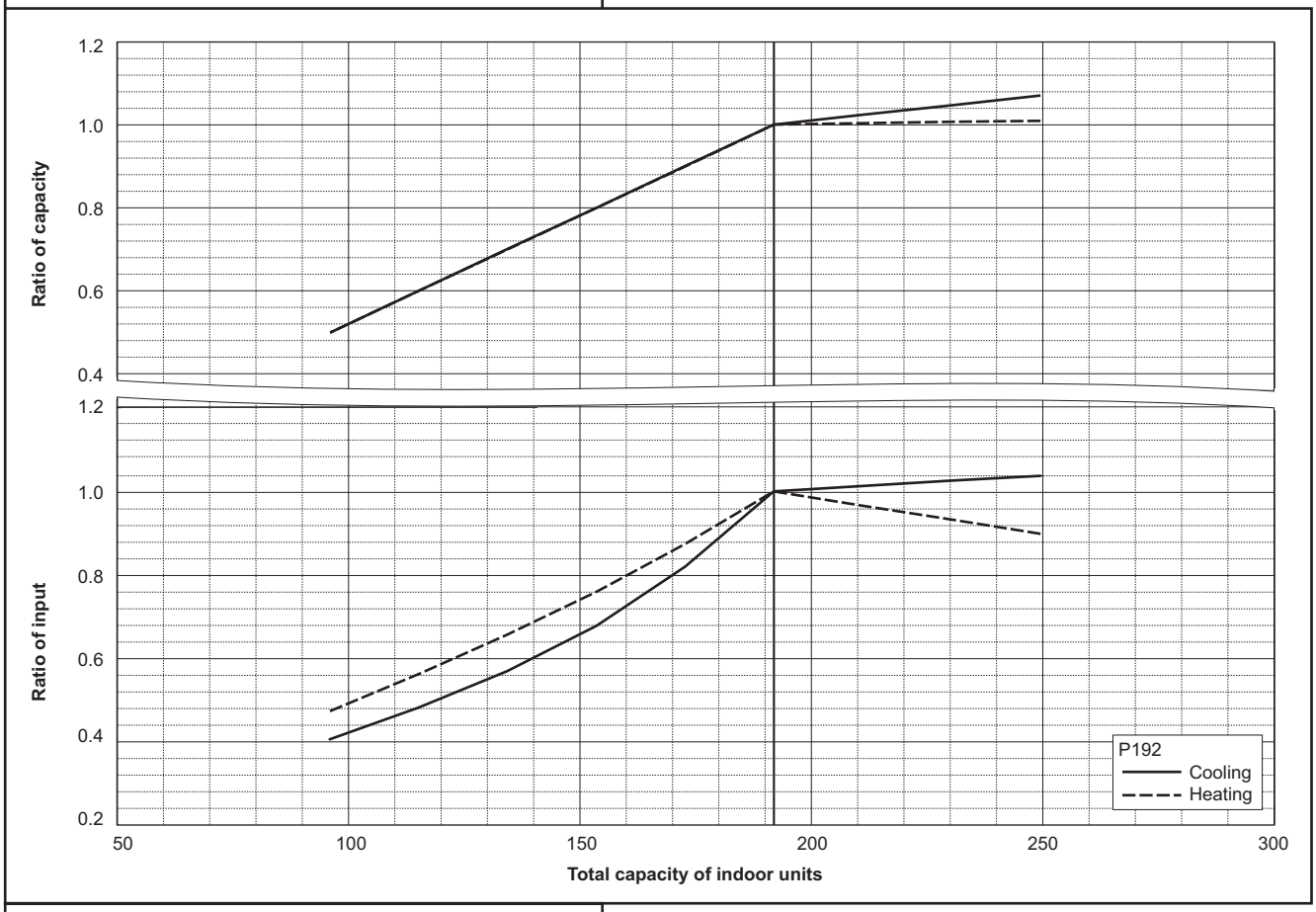


PUHY-P168TSKMU/YSKMU

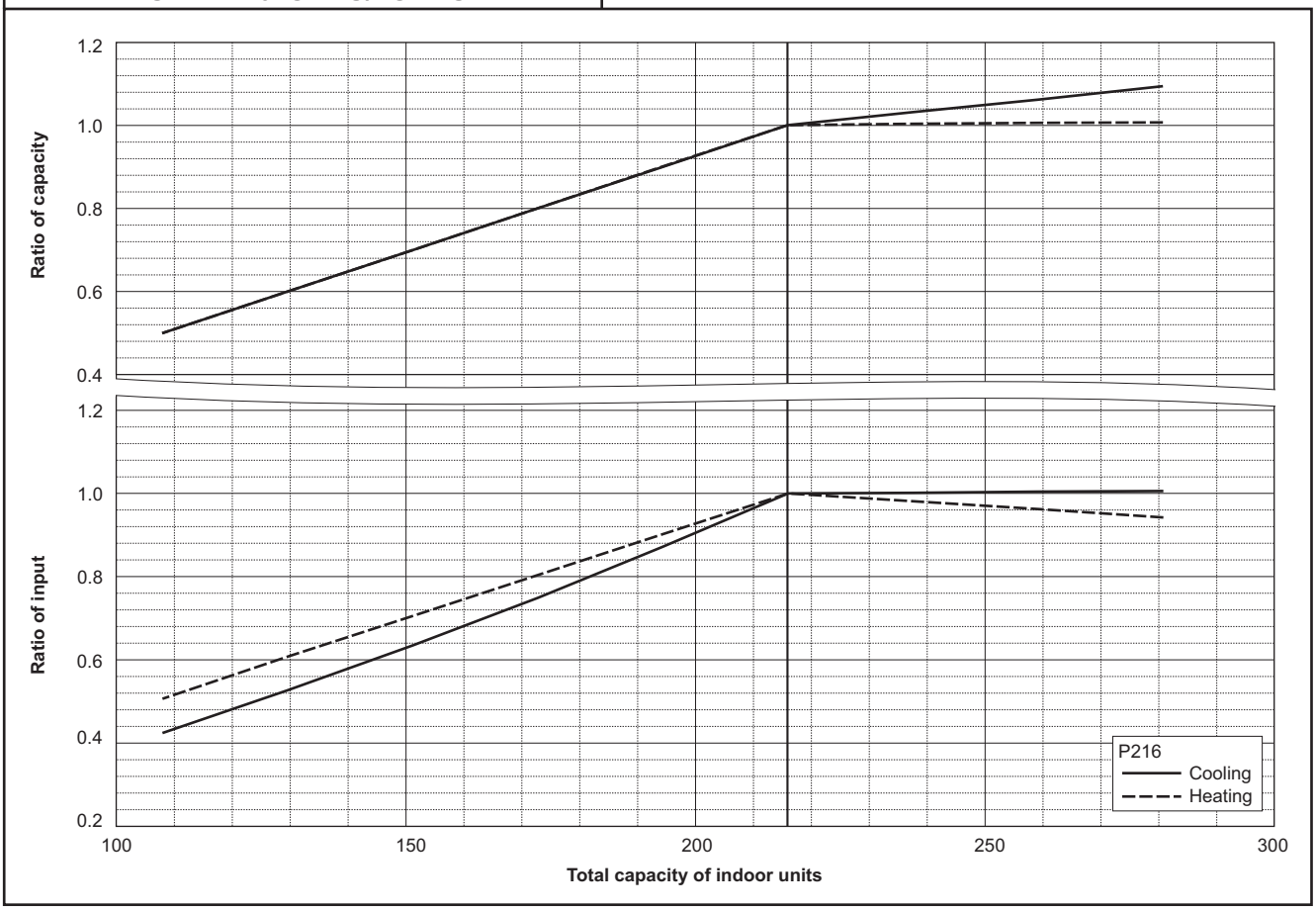


Y

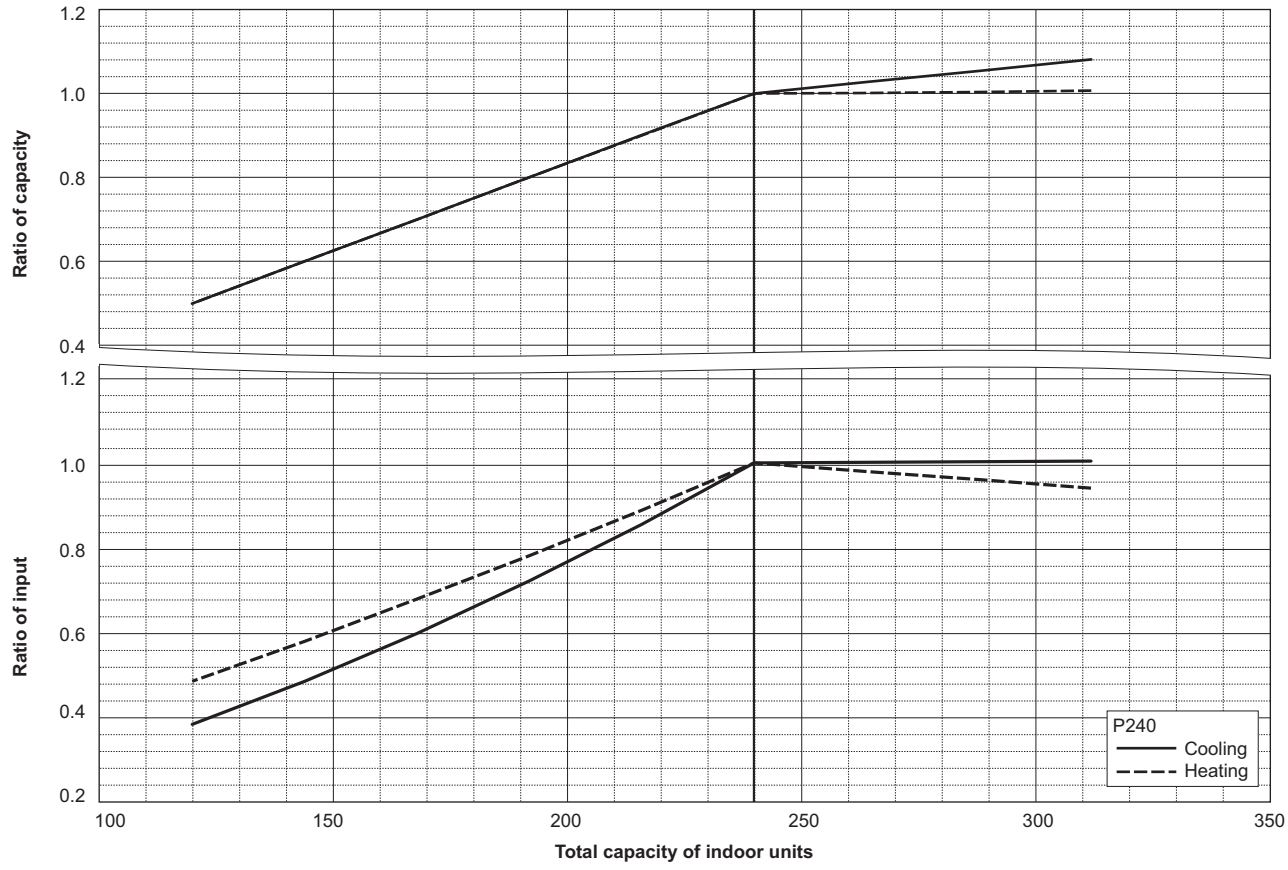
PUHY-P192TSKMU/YSKMU



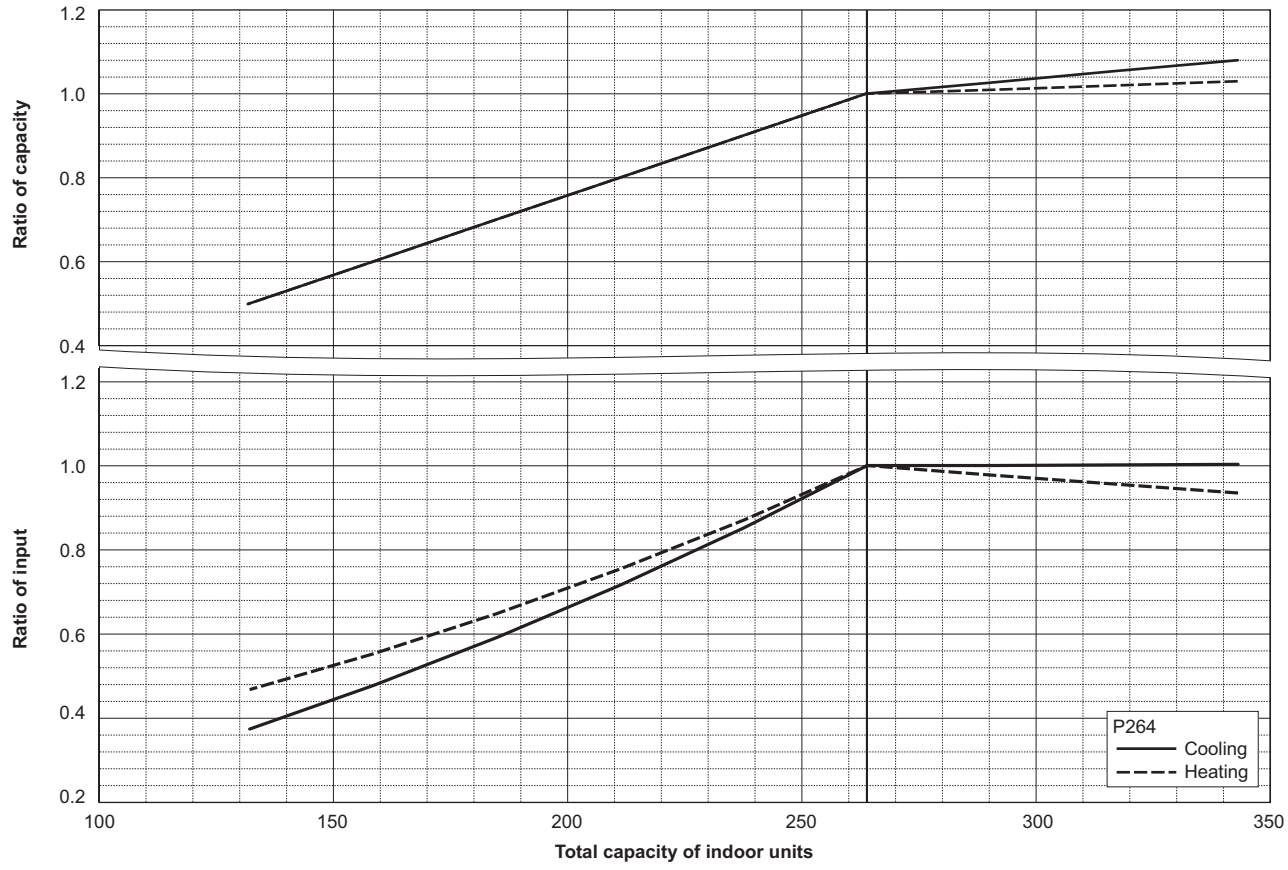
PUHY-P216TSKMU/YSKMU



PUHY-P240TSKMU/YSKMU



PUHY-P264TSKMU/YSKMU



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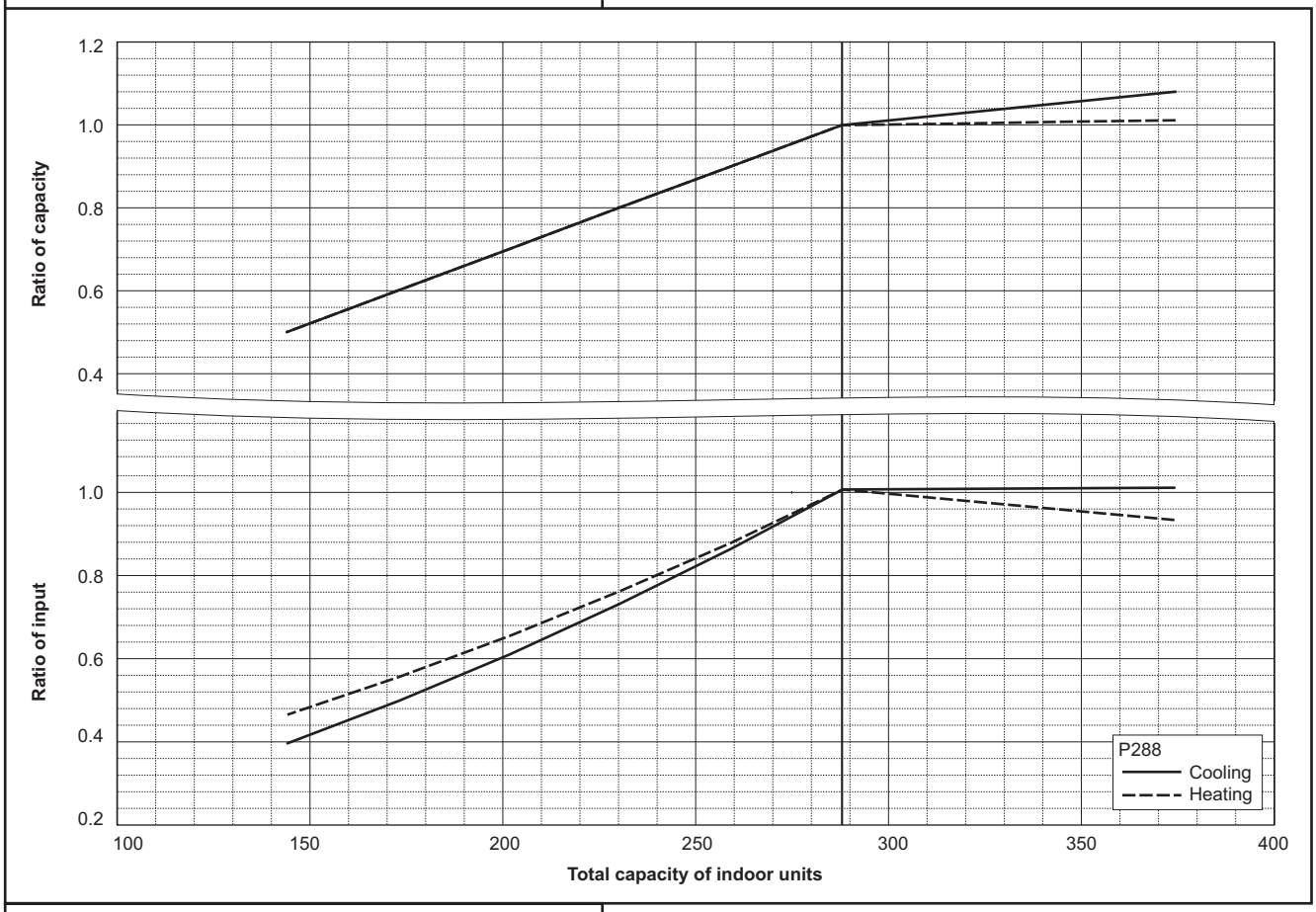
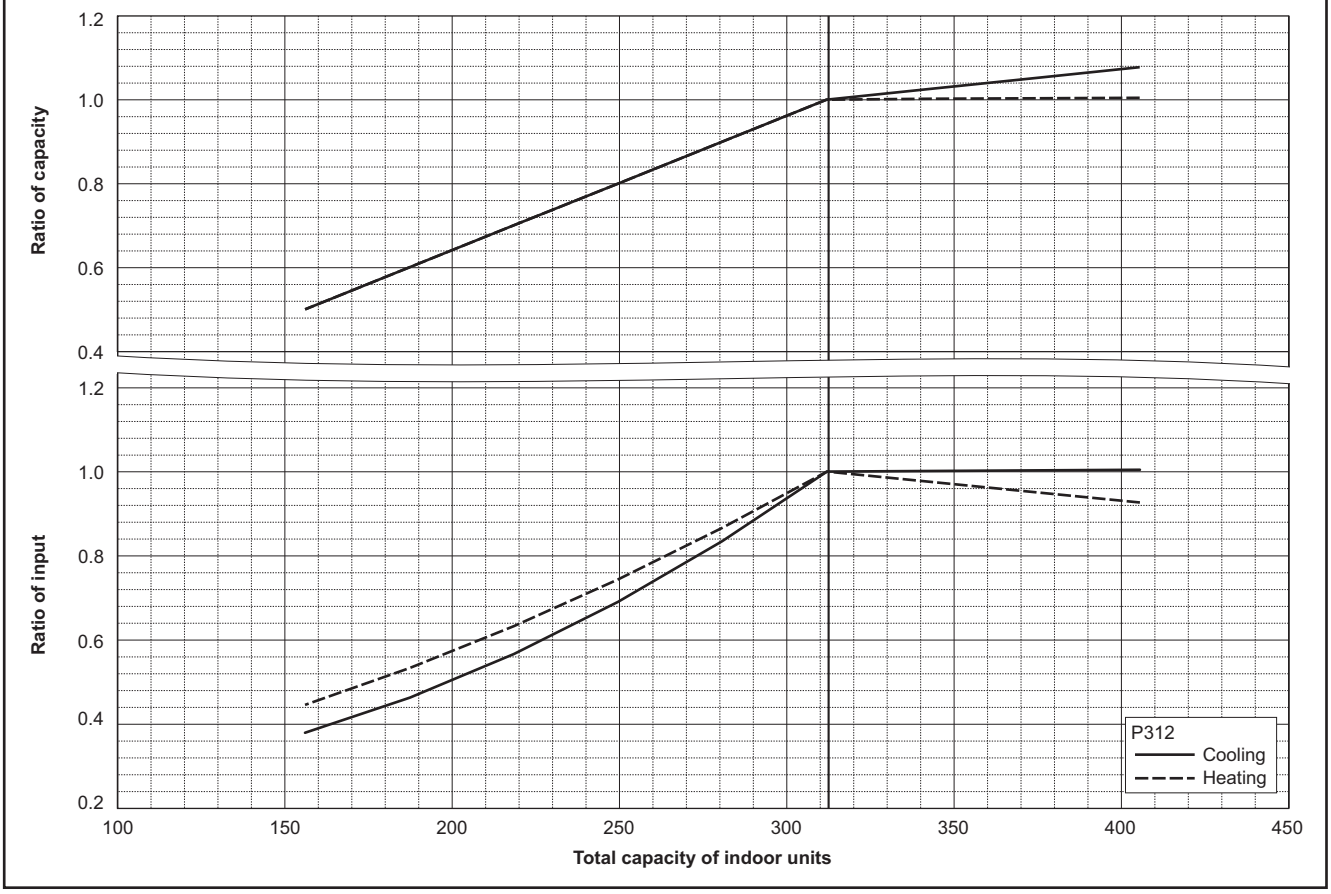
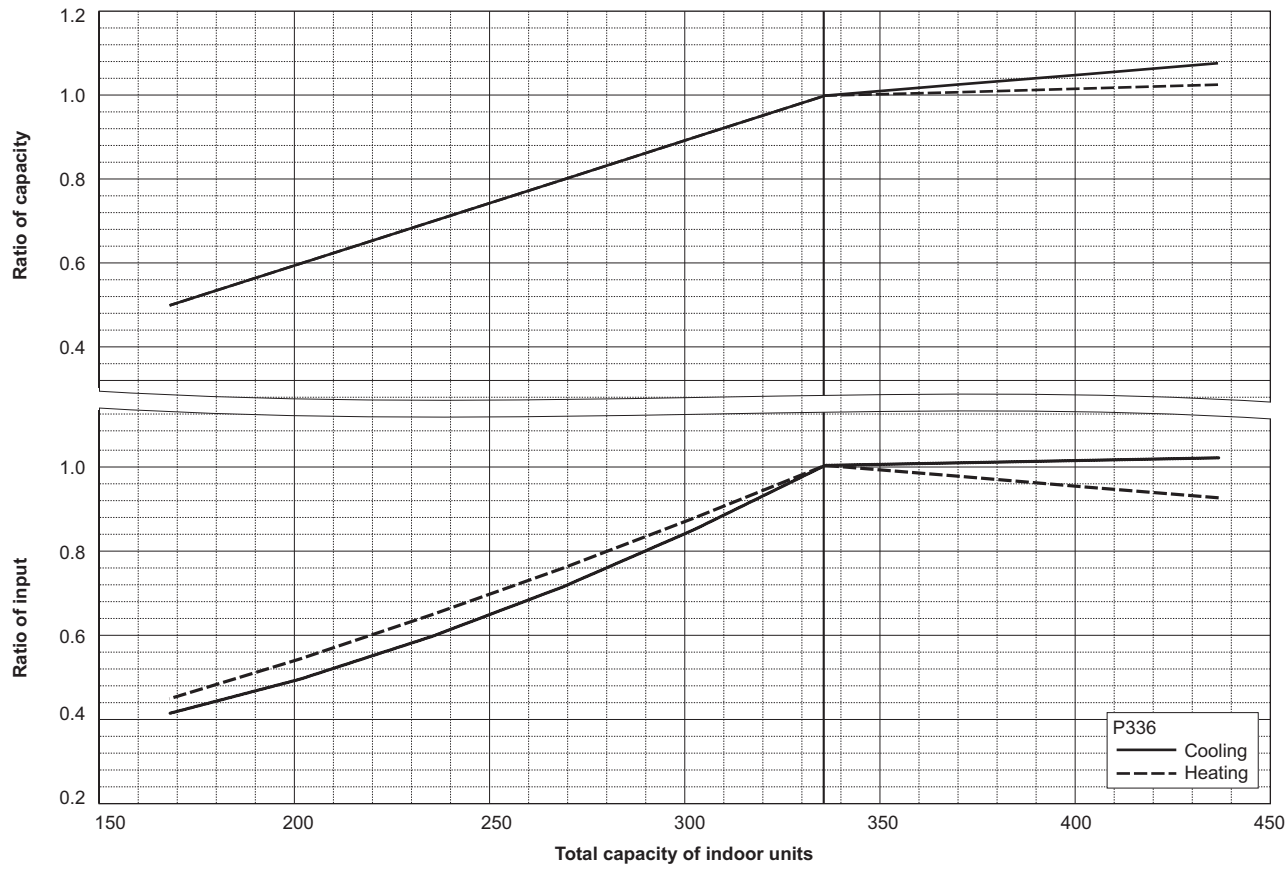
PUHY-P288TSKMU/YSKMU



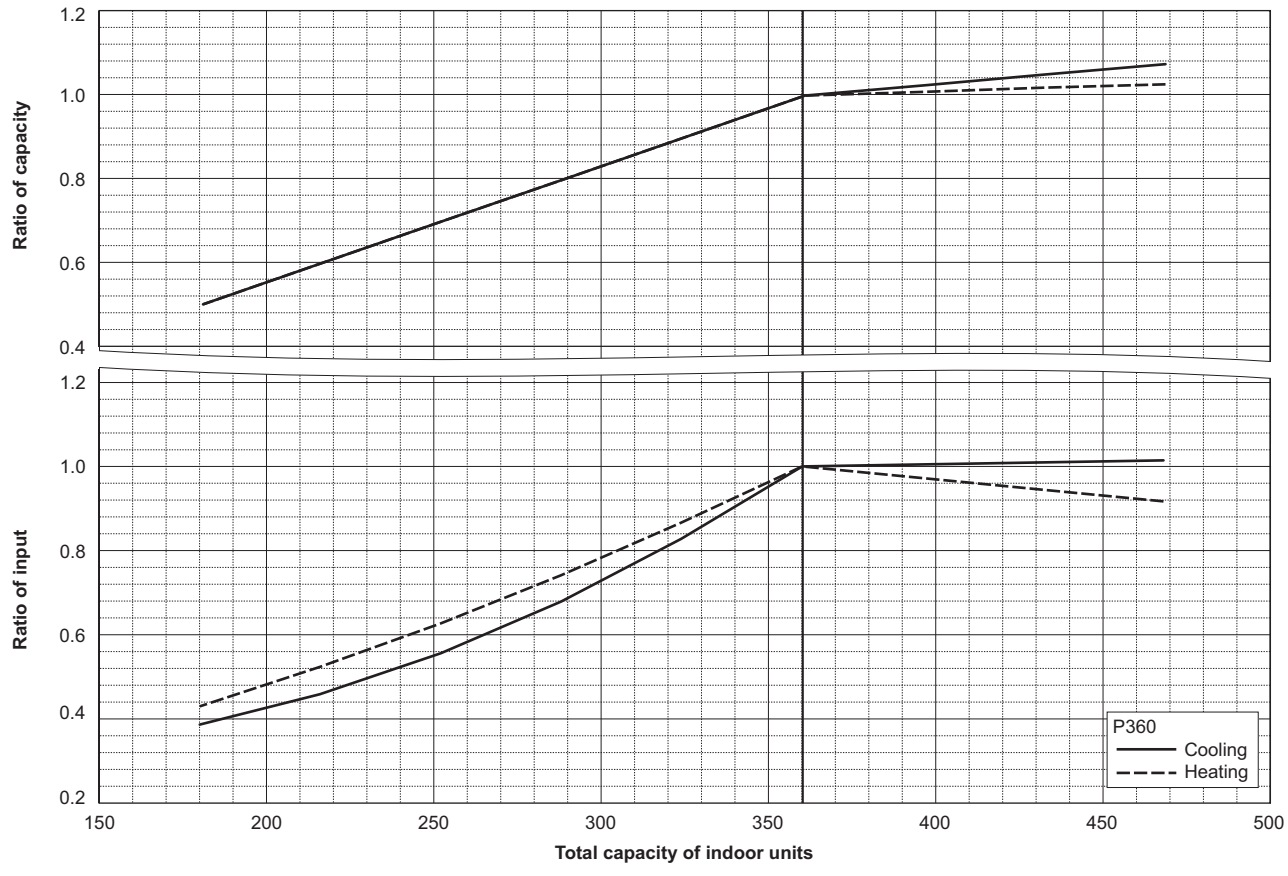
PUHY-P312TSKMU/YSKMU



PUHY-P336TSKMU/YSKMU



PUHY-P360TSKMU/YSKMU



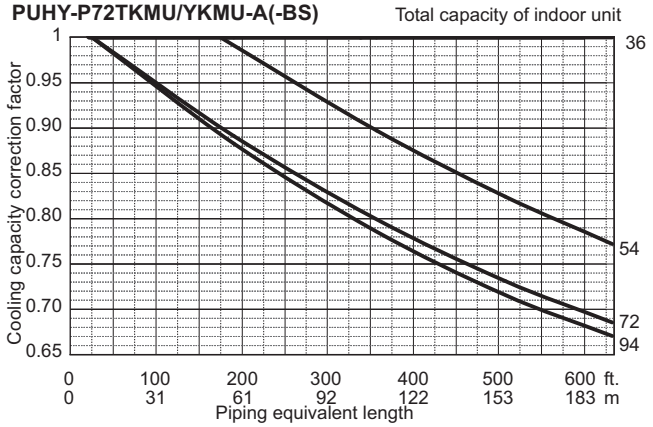
6-3. Correction by refrigerant piping length

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.

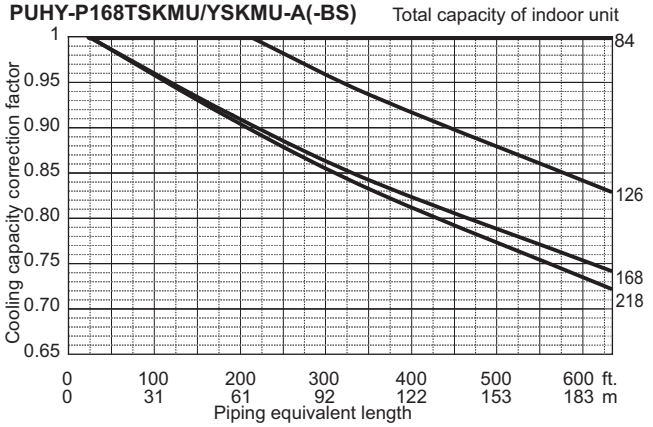
Y

6-3-1. Cooling capacity correction

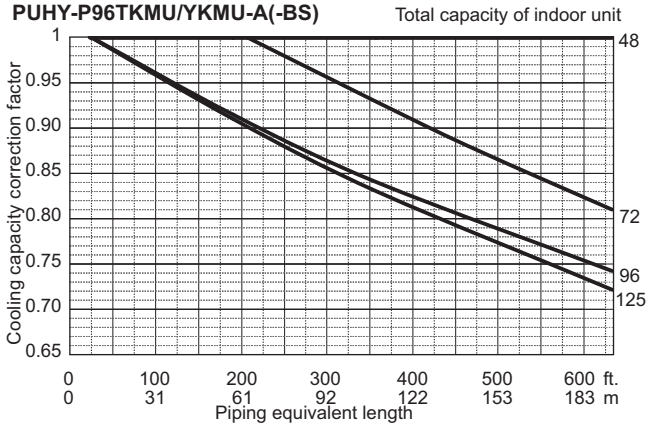
PUHY-P72TKMU/YKMU-A(-BS) Total capacity of indoor unit



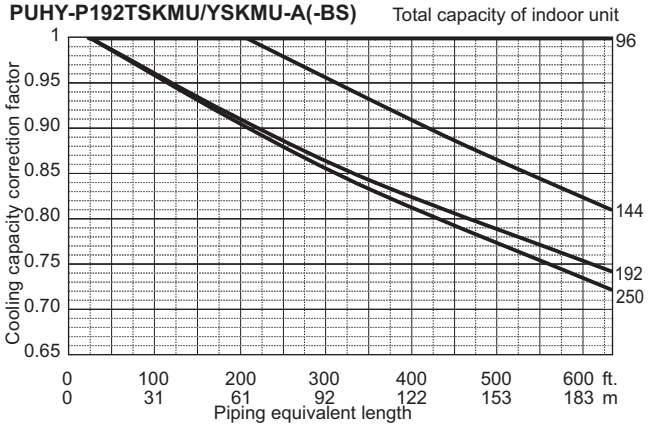
PUHY-P168TSKMU/YSKMU-A(-BS) Total capacity of indoor unit



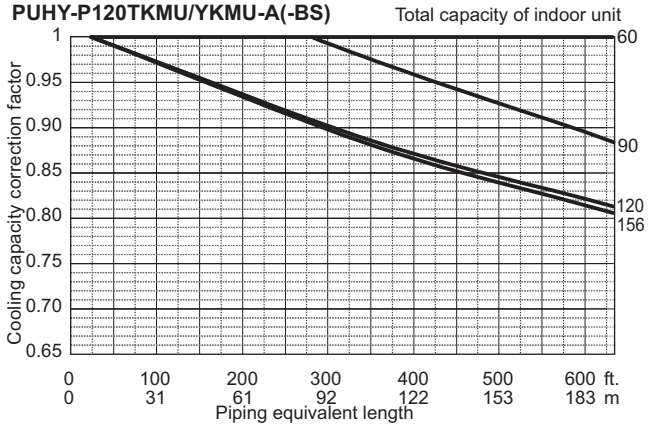
PUHY-P96TKMU/YKMU-A(-BS) Total capacity of indoor unit



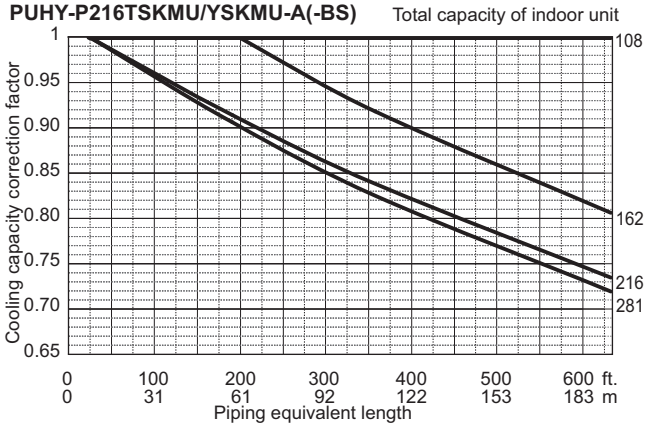
PUHY-P192TSKMU/YSKMU-A(-BS) Total capacity of indoor unit



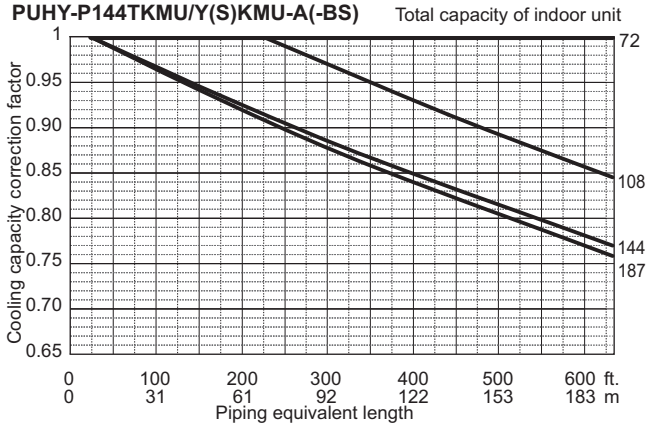
PUHY-P120TKMU/YKMU-A(-BS) Total capacity of indoor unit



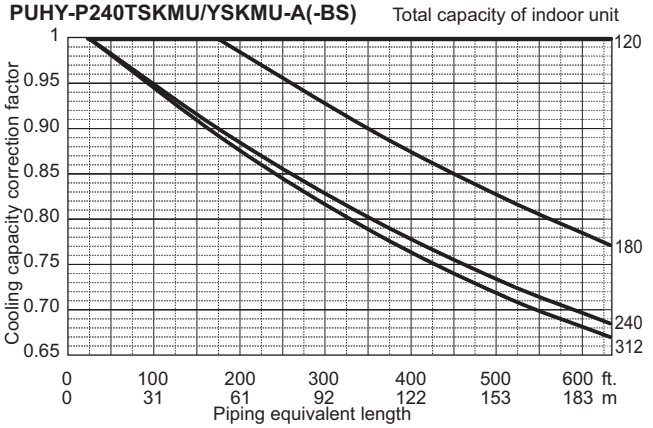
PUHY-P216TSKMU/YSKMU-A(-BS) Total capacity of indoor unit



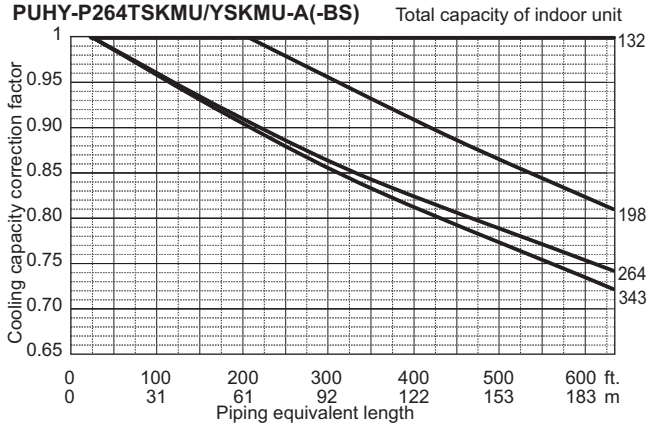
PUHY-P144TKMU/Y(S)KMU-A(-BS) Total capacity of indoor unit



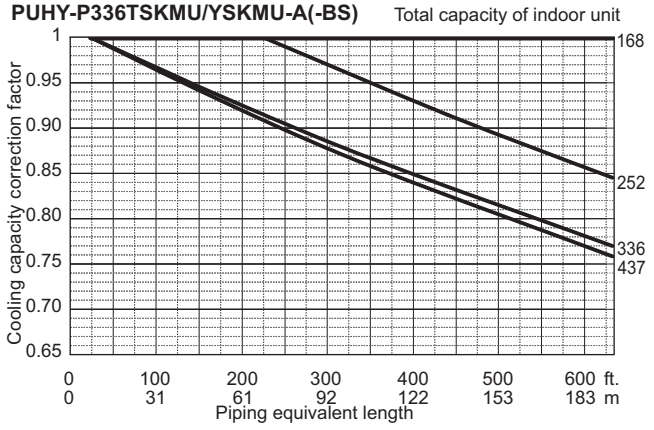
PUHY-P240TSKMU/YSKMU-A(-BS) Total capacity of indoor unit



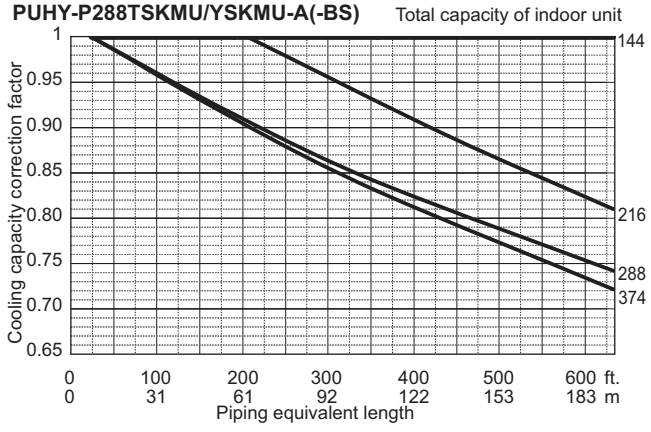
PUHY-P264TSKMU/YSKMU-A(-BS) Total capacity of indoor unit



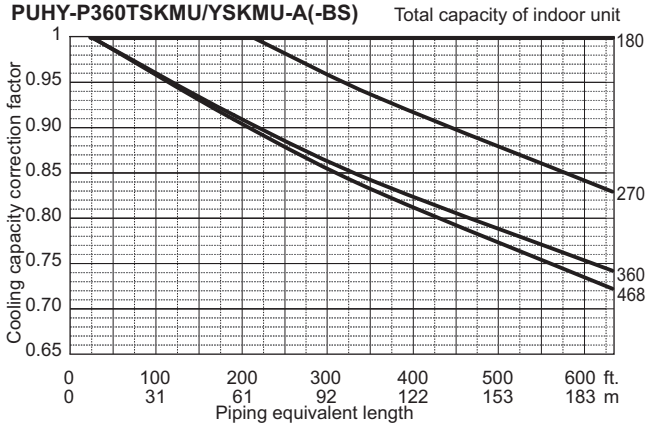
PUHY-P336TSKMU/YSKMU-A(-BS) Total capacity of indoor unit



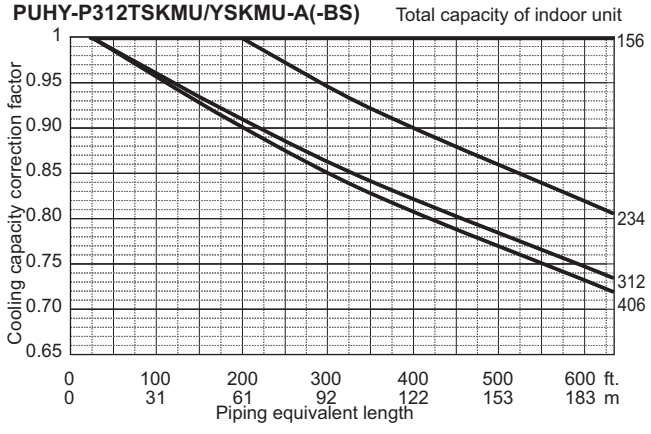
PUHY-P288TSKMU/YSKMU-A(-BS) Total capacity of indoor unit



PUHY-P360TSKMU/YSKMU-A(-BS) Total capacity of indoor unit

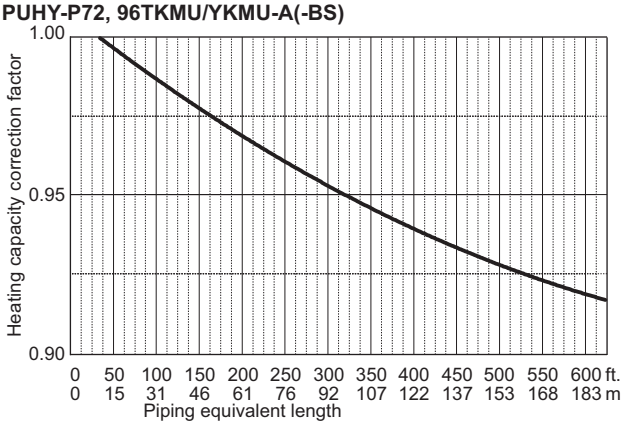


PUHY-P312TSKMU/YSKMU-A(-BS) Total capacity of indoor unit

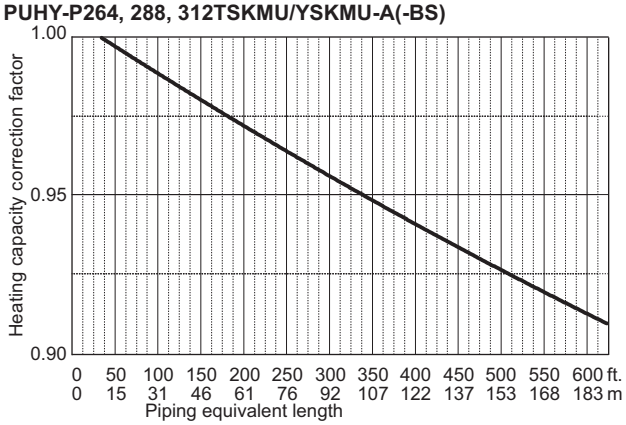


6-3-2. Heating capacity correction

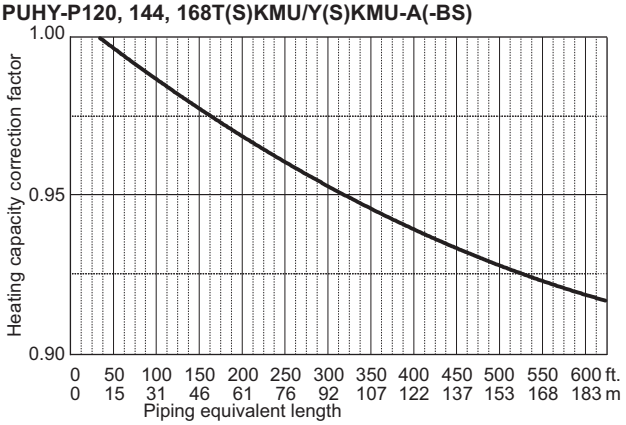
PUHY-P72, 96TKMU/YKMU-A(-BS)



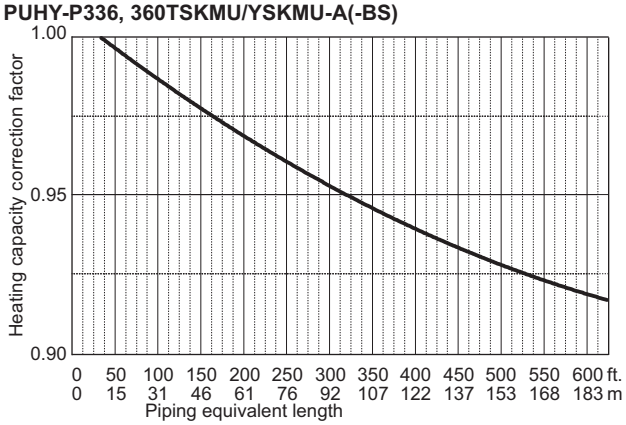
PUHY-P264, 288, 312TSKMU/YSKMU-A(-BS)



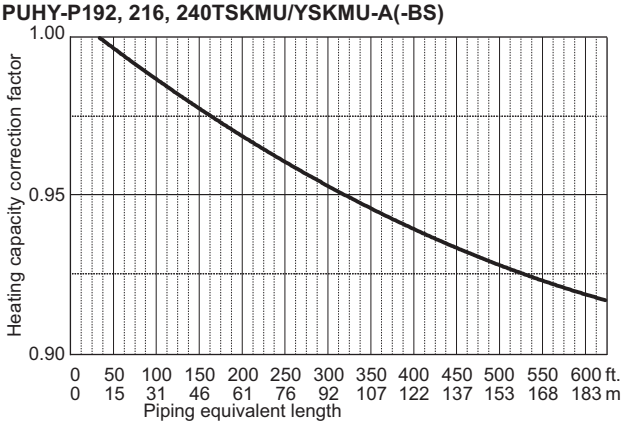
PUHY-P120, 144, 168T(S)KMU/Y(S)KMU-A(-BS)



PUHY-P336, 360TSKMU/YSKMU-A(-BS)



PUHY-P192, 216, 240TSKMU/YSKMU-A(-BS)



6-3-3. How to obtain the equivalent piping length

1. PUHY-P72, 96, 120, 144, 168, 192, 216, 240T(S)KMU/Y(S)KMU

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]

2. PUHY-P264, 288, 312TSKMU/YSKMU

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]

3. PUHY-P336, 360TSKMU/YSKMU

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

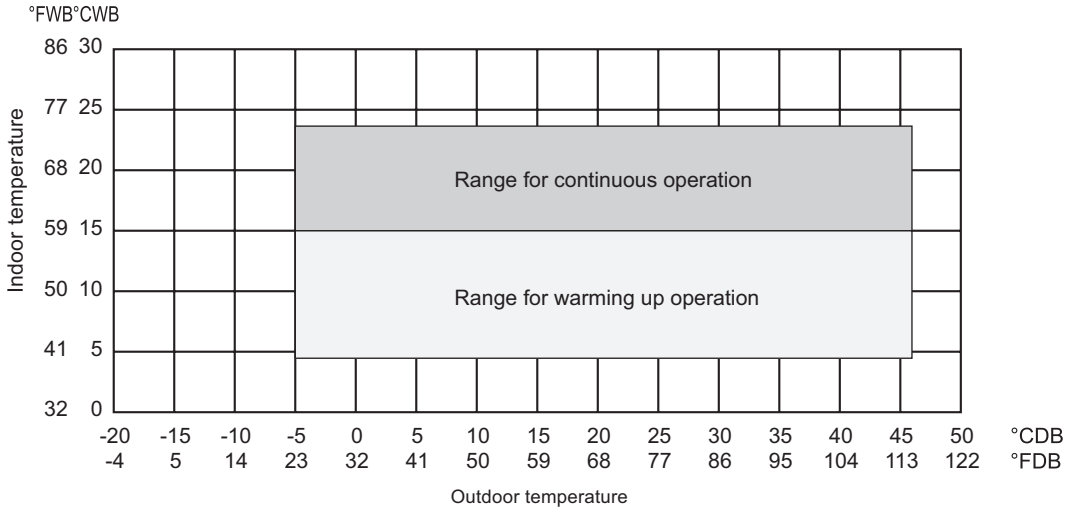
Outdoor inlet air temp. °C	6	4	2	1	0	-2	-4	-6	-8	-10	-20
Outdoor inlet air temp. °F	43	39	36	34	32	28	25	21	18	14	-4
PUHY-P72TKMU-A (-BS)	1.00	0.95	0.84	0.83	0.83	0.87	0.90	0.95	0.95	0.95	0.95
PUHY-P96TKMU-A (-BS)	1.00	0.95	0.84	0.83	0.83	0.87	0.90	0.95	0.95	0.95	0.95
PUHY-P120TKMU-A (-BS)	1.00	0.93	0.82	0.80	0.82	0.86	0.90	0.90	0.95	0.95	0.95
PUHY-P144TKMU-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-P168TSKMU-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-P192TSKMU-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-P216TSKMU-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-P240TSKMU-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-P264TSKMU-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-P288TSKMU-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-P312TSKMU-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-P336TSKMU-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-P360TSKMU-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-P72YKMU-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-P96YKMU-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-P120YKMU-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-P144YKMU-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-P144YSKMU-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-P168YSKMU-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-P192YSKMU-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-P216YSKMU-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-P240YSKMU-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-P264YSKMU-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-P288YSKMU-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-P312YSKMU-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-P336YSKMU-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-P360YSKMU-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

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

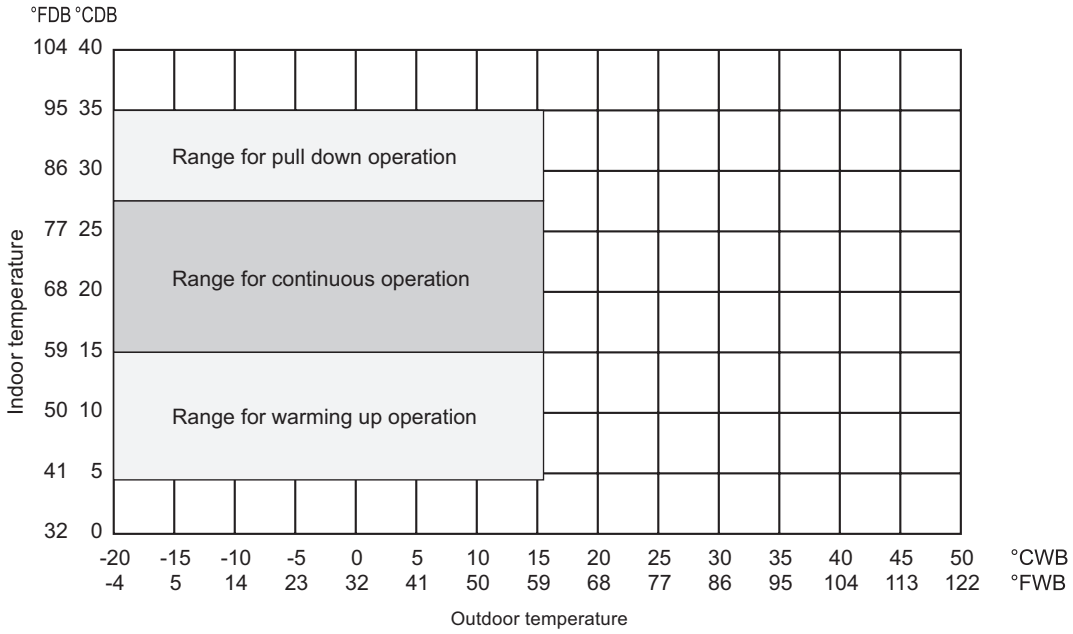
6-5. Operation temperature range

• 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

Installation of the low ambient kit is recommended to operate in cooling mode in conditions under 50°F [10°C].

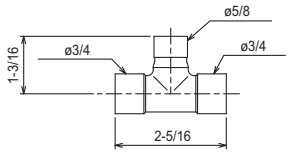
7-1. JOINT

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

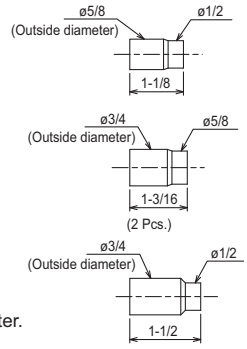
CMY-Y102SS-G2

in.

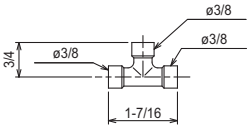
For Gas pipe:



<Reducer(Accessory)>



For Liquid pipe:



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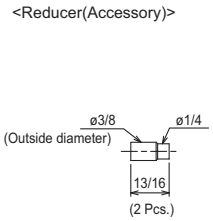
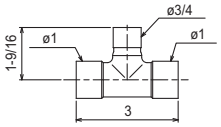


*Pipe diameter is indicated by inside diameter.

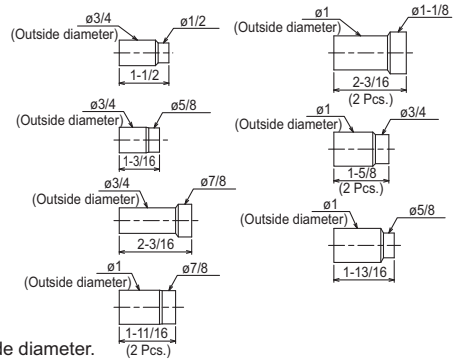
CMY-Y102LS-G2

in.

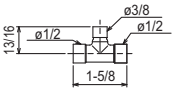
For Gas pipe:



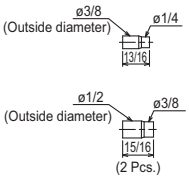
<Reducer(Accessory)>



For Liquid pipe:



<Reducer(Accessory)>

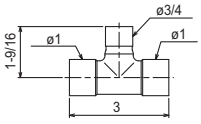


*Pipe diameter is indicated by inside diameter.

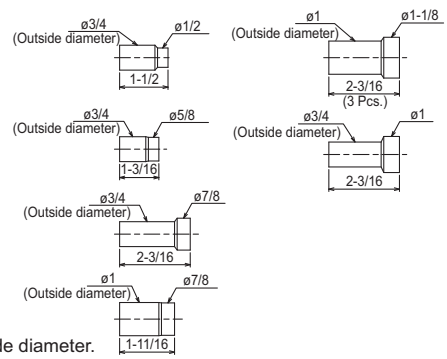
CMY-Y202S-G2

in.

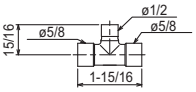
For Gas pipe:



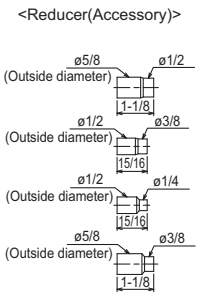
<Reducer(Accessory)>



For Liquid pipe:



<Reducer(Accessory)>

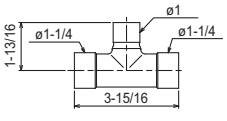


*Pipe diameter is indicated by inside diameter.

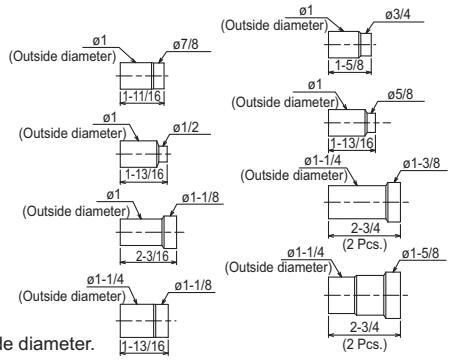
CMY-Y302S-G2

in.

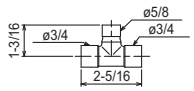
For Gas pipe:



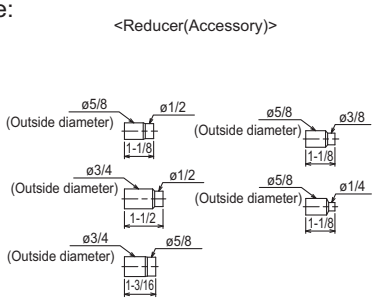
<Reducer(Accessory)>



For Liquid pipe:



<Reducer(Accessory)>



*Pipe diameter is indicated by inside diameter.

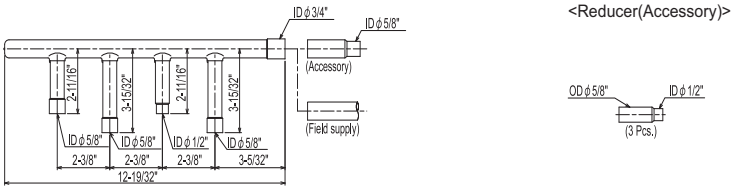
7-2. HEADER

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

CMY-Y104C-G

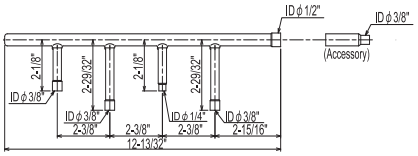
Ref.: W901636
in.

For gas pipe:

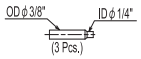


<Reducer(Accessory)>

For liquid pipe:



<Reducer(Accessory)>

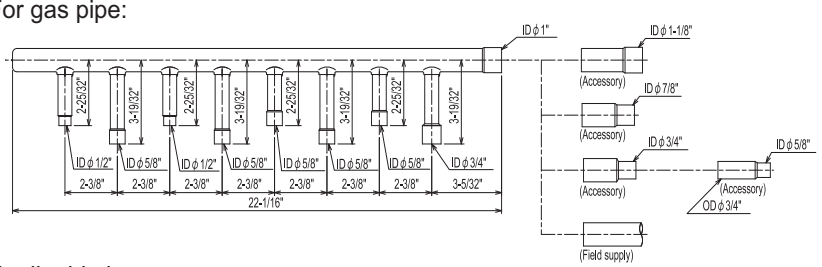


ID: Inner Diameter OD: Outer Diameter
NOTE: Besides above mentioned accessories, caps for ϕ 1/4", ϕ 3/8", ϕ 1/2", ϕ 5/8" pipes (each diameter 1 piece) are included in the Header set.

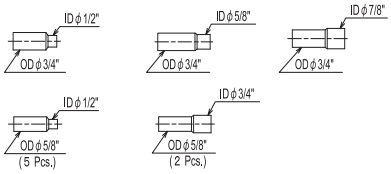
CMY-Y108C-G

Ref.: W901637
in.

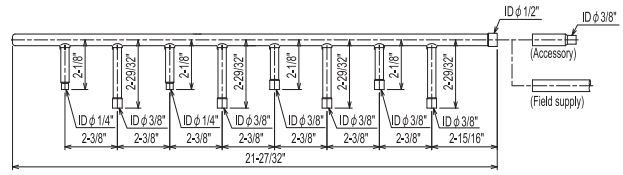
For gas pipe:



<Reducer(Accessory)>



For liquid pipe:



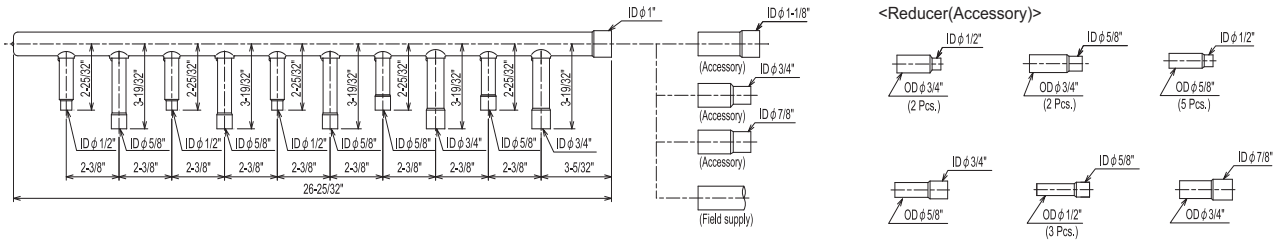
<Reducer(Accessory)>

ID: Inner Diameter OD: Outer Diameter
NOTE: Besides above mentioned accessories, caps for 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.

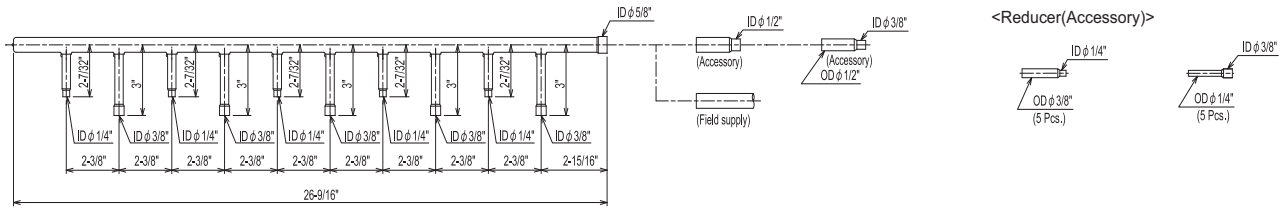
CMY-Y1010C-G

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

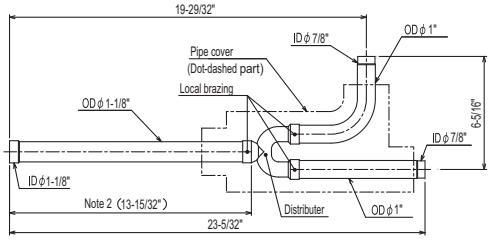
The Outdoor Twinning Kit is needed for PUHY-P-TSKMU/YSKMU to combine to refrigerant flows of the PUHY-P-TKMU/YKMU units.

Y

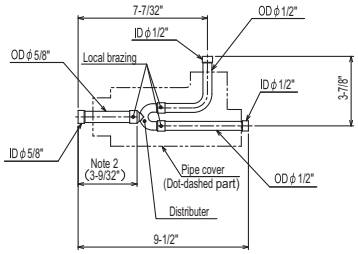
CMY-Y100CBK3

Ref.: CMY_Y100VBK2_EXD_EUDB_SI
in.

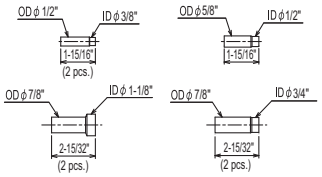
For Gas pipe:



For Liquid pipe:



<Reducer(Accessory)>

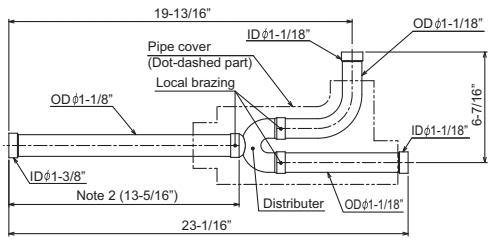


ID: Inner Diameter OD: Outer Diameter

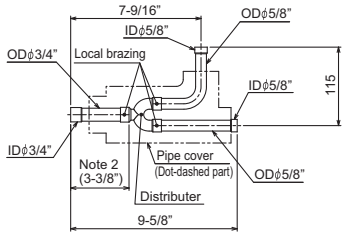
CMY-Y200CBK2

in.

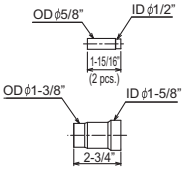
For Gas pipe:



For Liquid pipe:



<Deformed pipe(Accessory)>

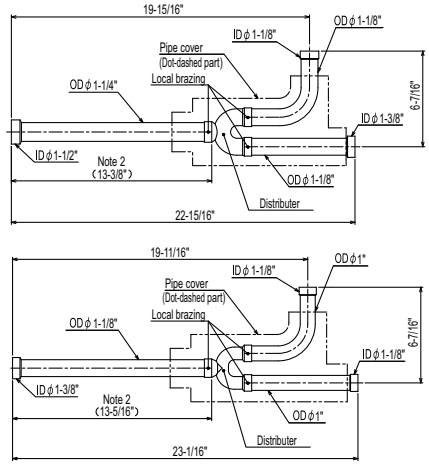


ID: Inner Diameter OD: Outer Diameter

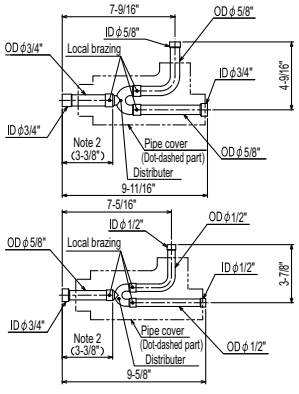
CMY-Y300CBK2

Ref.: CMY_Y300VBK2_EXD_EUDB_SI
in.

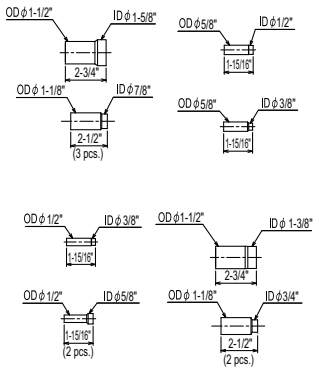
For Gas pipe:



For Liquid pipe:

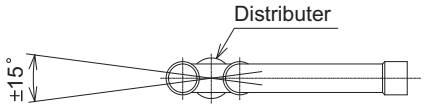


<Reducer(Accessory)>



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) .