

1. SPECIFICATIONS

Y-Series

PUHY-M-Y(S)XM-A

Outdoor Model			PUHY-M300YXM-A(-BS)		
Power source			3-phase 4-wire 380-400-415V 50Hz		
Cooling capacity (Nominal)		*1 kW	33.5		
		BTU/h	114,300		
		Power input kW	9.25		
		Current input A	15.6-14.8-14.2		
		EER kW/kW	3.62		
		SEER kW/kW	7.72		
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)		
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)		
Heating capacity (Max)		*2 kW	37.5		
		BTU/h	128,000		
		Power input kW	9.19		
		Current input A	15.5-14.7-14.2		
		COP kW/kW	4.08		
	(Nominal)		*3 kW	33.5	
			BTU/h	114,300	
			Power input kW	7.59	
			Current input A	12.8-12.1-11.7	
			COP kW/kW	4.41	
		SCOP kW/kW	4.76		
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)		
	Outdoor	W.B.	-25.0~15.5°C (-13~60°F)		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity		
	Model/Maximum quantity		M10~M250/21		
Sound pressure level (measured in anechoic room)		*4, 5	dB <A>	60.5/63.5	
Sound power level (measured in anechoic room)		*4	dB <A>	80/83	
Refrigerant piping diameter	Liquid pipe	mm (in.)	9.52 (3/8) Brazed (12.7 (1/2) Brazed, the farthest pipe length >=40m)		
	Gas pipe	mm (in.)	22.2 (7/8) Brazed		
FAN	Type x Quantity		Propeller fan x 1		
	Air flow rate	m ³ /min	235		
		L/s	3,917		
		cfm	8,298		
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 ×1		
	*6 External static press.		0 Pa (0 mmH ₂ O)		
Compressor	Type x Quantity		Inverter scroll hermetic compressor ×1		
	Starting method		Inverter		
	Motor output	kW	7.1		
	Case heater	kW	-		
	Lubricant		MEL46EH		
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,858 (1,798 without legs) x 910 x 740		
		in.	73-3/16 (70-13/16 without legs) x 35-7/8 x 29-3/16		
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		
	Compressor		-		
	Fan motor		-		
Refrigerant	Type x original charge		R32 x 8.0kg (18lbs)		
	Control		LEV and HIC circuit		
Net weight		kg (lbs)	263 (580)		
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		KB94CANN		
	Wiring		KE94L612		
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-Y202S-G2, CMY-Y302S-G2		
	Header		CMY-Y104-G, CMY-Y108-G, CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.		

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B./24°C.W.B. (95°F.D.B./75°F.W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h =kW x 3,412 cfm =m ³ /min x 35.31 lbs =kg/0.4536
2.Max heating conditions Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	
3.Nominal heating conditions Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3) Eurovent registered	
4.Cooling mode/Heating mode	
5.The sound pressure level measured by the conventional method in JIS for reference purpose.	
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.	
	*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series

PUHY-M-V(s)XM-A

Outdoor Model			PUHY-M350YXM-A(-BS)	
Power source			3-phase 4-wire 380-400-415V 50Hz	
Cooling capacity (Nominal)	*1	kW	40.0	
		BTU/h	136,500	
		Power input	kW	11.46
		Current input	A	19.3-18.3-17.7
		EER	kW/kW	3.49
		SEER	kW/kW	7.96
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	45.0	
		BTU/h	153,500	
		Power input	kW	12.19
		Current input	A	20.5-19.5-18.8
		COP	kW/kW	3.69
		(Nominal) *3	kW	40.0
	BTU/h		136,500	
	Power input		kW	9.77
	Current input		A	16.4-15.6-15.1
	COP		kW/kW	4.09
	SCOP		kW/kW	4.76
	Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)
Outdoor		W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Maximum quantity		M10~M250/25	
Sound pressure level (measured in anechoic room)		*4, 5	dB <A>	57.5/63.0
Sound power level (measured in anechoic room)		*4	dB <A>	78/82
Refrigerant piping diameter	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	
FAN	Type x Quantity		Propeller fan x 2	
	Air flow rate	m³/min	220	
		L/s	3,667	
		cfm	7,768	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 ×2	
	*6 External static press.		0 Pa (0 mmH₂O)	
	Compressor	Type x Quantity		Inverter scroll hermetic compressor ×1
Starting method		Inverter		
Motor output		kW	9.6	
Case heater		kW	-	
Lubricant		MEL46EH		
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1207 x 740	
		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)	
	Control		LEV and HIC circuit	
Net weight		kg (lbs)	319 (704)	
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		KB94CANP	
	Wiring		KE94L613	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-Y202S-G2, CMY-Y302S-G2	
	Header		CMY-Y104-G, CMY-Y108-G, CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B./24°C.W.B. (95°F.D.B./75°F.W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h =kW x 3,412 cfm =m³/min x 35.31 lbs =kg/0.4536
2.Max heating conditions Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	
3.Nominal heating conditions Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3) Eurovent registered	
4.Cooling mode/Heating mode	
5.The sound pressure level measured by the conventional method in JIS for reference purpose.	
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.	
	*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series

PUHY-M-Y(S)XM-A

Outdoor Model			PUHY-M400YXM-A(-BS)		
Power source			3-phase 4-wire 380-400-415V 50Hz		
Cooling capacity (Nominal)		*1 kW	45.0		
		BTU/h	153,500		
		Power input kW	13.04		
		Current input A	22.0-20.9-20.1		
		EER kW/kW	3.45		
		SEER kW/kW	7.59		
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)		
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)		
Heating capacity (Max)		*2 kW	50.0		
		BTU/h	170,600		
		Power input kW	13.51		
		Current input A	22.8-21.6-20.8		
		COP kW/kW	3.70		
	(Nominal)		*3 kW	45.0	
			BTU/h	153,500	
			Power input kW	11.02	
			Current input A	18.6-17.6-17.0	
			COP kW/kW	4.08	
		SCOP kW/kW	4.59		
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)		
	Outdoor	W.B.	-25.0~15.5°C (-13~60°F)		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity		
	Model/Maximum quantity		M10~M250/28		
Sound pressure level (measured in anechoic room)		*4, 5	dB <A>		
			61.0/64.0		
Sound power level (measured in anechoic room)		*4	dB <A>		
			82/86		
Refrigerant piping diameter	Liquid pipe	mm (in.)	12.7 (1/2) Brazed		
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		
FAN	Type x Quantity		Propeller fan x 2		
	Air flow rate	m ³ /min	260		
		L/s	4,333		
		cfm	9,181		
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		
	*6	Motor output kW	0.46 ×2		
	External static press.		0 Pa (0 mmH ₂ O)		
	Compressor	Type x Quantity		Inverter scroll hermetic compressor ×1	
Starting method		Inverter			
Motor output		kW	10.8		
Case heater		kW	-		
Lubricant		MEL46EH			
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type)		
			<MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1207 x 740		
		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16		
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		
	Compressor		-		
	Fan motor		-		
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)		
	Control		LEV and HIC circuit		
Net weight		kg (lbs)	324 (715)		
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		KB94CANP		
	Wiring		KE94L613		
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-Y202S-G2, CMY-Y302S-G2		
	Header		CMY-Y104-G, CMY-Y108-G, CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.		

Notes:	Unit converter
1. Nominal cooling conditions Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h = kW x 3,412 cfm = m ³ /min x 35.31 lbs = kg/0.4536
2. Max heating conditions Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	
3. Nominal heating conditions Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3) Eurovent registered	
4. Cooling mode/Heating mode	
5. The sound pressure level measured by the conventional method in JIS for reference purpose.	
6. External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.	
	*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series

PUHY-M-Y(s)XM-A

Outdoor Model			PUHY-M450YXM-A(-BS)		
Power source			3-phase 4-wire 380-400-415V 50Hz		
Cooling capacity (Nominal)	*1	kW	50.0		
		BTU/h	170,600		
		Power input	kW	15.10	
		Current input	A	25.4-24.2-23.3	
		EER	kW/kW	3.31	
		SEER	kW/kW	7.50	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)		
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)		
Heating capacity (Max)	*2	kW	56.0		
		BTU/h	191,100		
		Power input	kW	16.13	
		Current input	A	27.2-25.8-24.9	
		COP	kW/kW	3.47	
		(Nominal)	*3	kW	50.0
	BTU/h			170,600	
	Power input			kW	12.98
	Current input			A	21.9-20.8-20.0
	COP			kW/kW	3.85
	SCOP			kW/kW	4.46
	Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
Outdoor		W.B.	-25.0~15.5°C (-13~60°F)		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity		
	Model/Maximum quantity		M10~M250/32		
Sound pressure level (measured in anechoic room)		*4, 5	dB <A>	63.0/68.0	
Sound power level (measured in anechoic room)		*4	dB <A>	83/89	
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed		
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		
FAN	Type x Quantity		Propeller fan x 2		
	Air flow rate	m³/min	300		
		L/s	5,000		
		cfm	10,593		
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		
	Motor output	kW	0.46 ×2		
	*6 External static press.		0 Pa (0 mmH₂O)		
Compressor	Type x Quantity		Inverter scroll hermetic compressor ×1		
	Starting method		Inverter		
	Motor output	kW	13.0		
	Case heater	kW	-		
	Lubricant		MEL46EH		
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1207 x 740		
		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16		
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		
	Compressor		-		
	Fan motor		-		
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)		
	Control		LEV and HIC circuit		
Net weight		kg (lbs)	324 (715)		
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		KB94CANP		
	Wiring		KE94L613		
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-Y202S-G2, CMY-Y302S-G2		
	Header		CMY-Y104-G, CMY-Y108-G, CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.		

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h =kW x 3,412 cfm =m³/min x 35.31 lbs =kg/0.4536
2.Max heating conditions Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	
3.Nominal heating conditions Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3) Eurovent registered	
4.Cooling mode/Heating mode	
5.The sound pressure level measured by the conventional method in JIS for reference purpose.	
6.External static pressure option is available (30 Pa, 60 Pa/3.1 mmH₂O, 6.1 mmH₂O). Consult your dealer about the specification when setting External static pressure option.	
	*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series

PUHY-M-Y(S)XM-A

Outdoor Model			PUHY-M500YXM-A(-BS)	
Power source			3-phase 4-wire 380-400-415V 50Hz	
Cooling capacity (Nominal)	*1	kW	56.0	
		BTU/h	191,100	
	Power input	kW	18.85	
	Current input	A	31.8-30.2-29.1	
	EER	kW/kW	2.97	
	SEER	kW/kW	7.03	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	58.0	
		BTU/h	197,900	
	Power input	kW	16.95	
	Current input	A	28.6-27.1-26.2	
	COP	kW/kW	3.42	
	(Nominal)	*3	kW	56.0
			BTU/h	191,100
		Power input	kW	14.89
		Current input	A	25.1-23.8-23.0
		COP	kW/kW	3.76
SCOP	kW/kW	4.36		
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Maximum quantity		M10~M250/35	
Sound pressure level (measured in anechoic room)	*4, 5	dB <A>	67.5/69.5	
Sound power level (measured in anechoic room)	*4	dB <A>	87/91	
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	
FAN	Type x Quantity		Propeller fan x 2	
	Air flow rate	m³/min	305	
		L/s	5,083	
		cfm	10,770	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x2	
	*6 External static press.		0 Pa (0 mmH₂O)	
	Compressor	Type x Quantity		Inverter scroll hermetic compressor x1
Starting method		Inverter		
Motor output		kW	15.4	
Case heater		kW	-	
Lubricant		MEL46EH		
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1207 x 740	
		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)	
	Control		LEV and HIC circuit	
Net weight	kg (lbs)	324 (715)		
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		KB94CANP	
	Wiring		KE94L613	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts	Joint		CMY-Y102SS-G2 , CMY-Y102LS-G2 , CMY-Y202S-G2 , CMY-Y302S-G2	
	Header		CMY-Y104-G , CMY-Y108-G , CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.		

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B./24°C.W.B. (95°F.D.B./75°F.W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h =kW x 3,412 cfm =m ³ /min x 35.31 lbs =kg/0.4536
2.Max heating conditions Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	
3.Nominal heating conditions Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3) Eurovent registered	
4.Cooling mode/Heating mode	
5.The sound pressure level measured by the conventional method in JIS for reference purpose.	
6.External static pressure option is available (30 Pa/3.1 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.	
	*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series

PUHY-M-Y(s)XM-A

Outdoor Model			PUHY-M600YSXM-A(-BS)	
Power source			3-phase 4-wire 380-400-415V 50Hz	
Cooling capacity (Nominal)	*1	kW	67.0	
		BTU/h	228,600	
		Power input kW	19.30	
		Current input A	32.5-30.9-29.8	
		EER kW/kW	3.47	
		SEER kW/kW	7.54	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	75.0	
		BTU/h	255,900	
		Power input kW	18.98	
		Current input A	32.0-30.4-29.3	
		COP kW/kW	3.95	
		(Nominal) *3	67.0	
		BTU/h	228,600	
		Power input kW	15.69	
		Current input A	26.4-25.1-24.2	
		COP kW/kW	4.27	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Maximum quantity		M10~M250/43	
Sound pressure level (measured in anechoic room)		*4, 5 dB <A>	64.0/67.0	
Sound power level (measured in anechoic room)		*4 dB <A>	84/87	
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	

Set Model

Outdoor Model			PUHY-M300YXM-A(-BS)	PUHY-M300YXM-A(-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1
	Air flow rate	m ³ /min	235	235
		L/s	3,917	3,917
		cfm	8,298	8,298
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 × 1	0.92 × 1
	*6	External static press.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor × 1	Inverter scroll hermetic compressor × 1
	Starting method		Inverter	Inverter
	Motor output	kW	7.1	7.1
	Case heater	kW	-	-
	Lubricant		MEL46EH	MEL46EH
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>
External dimension H x W x D		mm	1,858 (1,798 without legs) x 910 x 740	1,858 (1,798 without legs) x 910 x 740
		in.	73-3/16 (70-13/16 without legs) x 35-7/8 x 29-3/16	73-3/16 (70-13/16 without legs) x 35-7/8 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)	High pressure sensor, High pressure switch at 4.15MPa (601psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R32 x 8.0kg (18lbs)	R32 x 8.0kg (18lbs)
	Control		LEV and HIC circuit	
Net weight		kg (lbs)	263 (580)	263 (580)
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	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94CANQ	
	Wiring		KE94L612	KE94L612
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts	Twinning kit		CMY-Y100VBK3	
	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-Y202S-G2, CMY-Y302S-G2	
	Header		CMY-Y104-G, CMY-Y108-G, CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:

- Nominal cooling conditions
Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Max heating conditions
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Nominal heating conditions
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Cooling mode/Heating mode
- The sound pressure level measured by the conventional method in JIS for reference purpose.
- External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).
Consult your dealer about the specification when setting External static pressure option.

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

Y-Series

PUHY-M-Y(S)XM-A

Outdoor Model			PUHY-M650YSXM-A(-BS)	
Power source			3-phase 4-wire 380-400-415V 50Hz	
Cooling capacity (Nominal)	*1	kW	73.5	
		BTU/h	250,800	
	Power input	kW	21.68	
		A	36.5-34.7-33.5	
		EER	3.39	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	82.5	
		BTU/h	281,500	
	Power input	kW	21.94	
		A	37.0-35.1-33.9	
		COP	3.76	
	(Nominal) *3	kW	73.5	
		BTU/h	250,800	
		Power input	17.83	
		A	30.0-28.5-27.5	
		COP	4.12	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Maximum quantity		M10-M250/46	
Sound pressure level (measured in anechoic room)	*4, 5	dB <A>	63.0/67.0	
Sound power level (measured in anechoic room)	*4	dB <A>	83/86	
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	

Set Model

Outdoor Model			PUHY-M350YXM-A(-BS)	PUHY-M300YXM-A(-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 1
	Air flow rate	m ³ /min	220	235
		L/s	3,667	3,917
		cfm	7,768	8,298
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.46 x 2	0.92 x 1
		External static press.		0 Pa (0 mmH ₂ O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x1	Inverter scroll hermetic compressor x1
	Starting method		Inverter	Inverter
	Motor output	kW	9.6	7.1
		Case heater	kW	-
	Lubricant		MEL46EH	MEL46EH
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1207 x 740	1,858 (1,798 without legs) x 910 x 740
		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	73-3/16 (70-13/16 without legs) x 35-7/8 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)	High pressure sensor, High pressure switch at 4.15MPa (601psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)	R32 x 8.0kg (18lbs)
	Control		LEV and HIC circuit	
Net weight		kg (lbs)	319 (704)	263 (580)
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	mm (in.)	12.7 (1/2) Brazed	9.52 (3/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94CANR	
	Wiring		KE94L613	KE94L612
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts	Twinning kit		CMY-Y100VBK3	
	Joint		CMY-Y102SS-G2 , CMY-Y102LS-G2 , CMY-Y202S-G2 , CMY-Y302S-G2	
	Header		CMY-Y104-G , CMY-Y108-G , CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:

- Nominal cooling conditions
Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB./24°CWB. (95°FDB./75°FWB.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Max heating conditions
Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Nominal heating conditions
Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Cooling mode/Heating mode
- The sound pressure level measured by the conventional method in JIS for reference purpose.
- External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).
Consult your dealer about the specification when setting External static pressure option.

Unit converter	
BTU/h	=kW x 3,412
cfm	=m³/min x 35.31
lbs	=kg/0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series

PUHY-M-Y(s)XM-A

Outdoor Model			PUHY-M700YSXM-A(-BS)	
Power source			3-phase 4-wire 380-400-415V 50Hz	
Cooling capacity (Nominal)	*1	kW	80.0	
		BTU/h	273,000	
		Power input kW	23.52	
		Current input A	39.7-37.7-36.3	
		EER kW/kW	3.40	
		SEER kW/kW	7.85	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	90.0	
		BTU/h	307,100	
		Power input kW	25.21	
		Current input A	42.5-40.4-38.9	
		COP kW/kW	3.57	
		(Nominal) *3	80.0	
		BTU/h	273,000	
		Power input kW	20.20	
		Current input A	34.1-32.3-31.2	
		COP kW/kW	3.96	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Maximum quantity		M10~M250/50	
Sound pressure level (measured in anechoic room)	*4, 5	dB <A>	61.0/67.0	
Sound power level (measured in anechoic room)	*4	dB <A>	82/86	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Braze	
	Gas pipe	mm (in.)	34.93 (1-3/8) Braze	

Set Model

Outdoor Model			PUHY-M350YXM-A(-BS)	PUHY-M350YXM-A(-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Air flow rate	m ³ /min	220	220
		L/s	3,667	3,667
		cfm	7,768	7,768
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.46 x2	0.46 x2
	*6	External static press.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x1	Inverter scroll hermetic compressor x1
	Starting method		Inverter	Inverter
	Motor output	kW	9.6	9.6
	Case heater	kW	-	-
	Lubricant		MEL46EH	MEL46EH
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm in.	1,858 (1,798 without legs) x 1207 x 740 73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	1,858 (1,798 without legs) x 1207 x 740 73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)	High pressure sensor, High pressure switch at 4.15MPa (601psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)	R32 x 9.3kg (21lbs)
	Control		LEV and HIC circuit	
Net weight		kg (lbs)	319 (704)	319 (704)
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	mm (in.)	12.7 (1/2) Braze	12.7 (1/2) Braze
	Gas pipe	mm (in.)	28.58 (1-1/8) Braze	28.58 (1-1/8) Braze
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94CANS	
	Wiring		KE94L613	KE94L613
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts	Twinning kit		CMY-Y200VBK2	
	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-Y202S-G2, CMY-Y302S-G2	
	Header		CMY-Y104-G, CMY-Y108-G, CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:

- Nominal cooling conditions
Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB./24°CWB. (95°FDB./75°FWB.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Max heating conditions
Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Nominal heating conditions
Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Cooling mode/Heating mode
- The sound pressure level measured by the conventional method in JIS for reference purpose.
- External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).
Consult your dealer about the specification when setting External static pressure option.

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

Y-Series

PUHY-M-Y(S)XM-A

Outdoor Model			PUHY-M750YSXM-A(-BS)	
Power source			3-phase 4-wire 380-400-415V 50Hz	
Cooling capacity (Nominal)		*1 kW	85.0	
		BTU/h	290,000	
		Power input kW	25.22	
		Current input A	42.5-40.4-38.9	
		EER kW/kW	3.37	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	(Nominal)	*2 kW	95.0	
		BTU/h	324,100	
		Power input kW	26.53	
		Current input A	44.7-42.5-41.0	
		COP kW/kW	3.58	
		*3 kW	85.0	
		BTU/h	290,000	
		Power input kW	21.46	
		Current input A	36.2-34.4-33.1	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Maximum quantity		M10-M250/50	
Sound pressure level (measured in anechoic room)	*4, 5	dB <A>	63.0/67.0	
Sound power level (measured in anechoic room)	*4	dB <A>	84/88	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	34.93 (1-3/8) Brazed	

Set Model

Outdoor Model			PUHY-M400YXM-A(-BS)	PUHY-M350YXM-A(-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Air flow rate	m³/min	260	220
		L/s	4,333	3,667
		cfm	9,181	7,768
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.46 x 2	0.46 x 2
	External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x1	Inverter scroll hermetic compressor x1
	Starting method		Inverter	Inverter
	Motor output	kW	10.8	9.6
	Case heater	kW	-	-
	Lubricant		MEL46EH	MEL46EH
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>
External dimension H x W x D	mm		1,858 (1,798 without legs) x 1207 x 740	1,858 (1,798 without legs) x 1207 x 740
		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)	High pressure sensor, High pressure switch at 4.15MPa (601psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)	R32 x 9.3kg (21lbs)
	Control		LEV and HIC circuit	
Net weight	kg (lbs)		324 (715)	319 (704)
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	mm (in.)	12.7 (1/2) Brazed	12.7 (1/2) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94CANS	
	Wiring		KE94L613	KE94L613
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts	Twinning kit		CMY-Y200VBK2	
	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-Y202S-G2, CMY-Y302S-G2	
	Header		CMY-Y104-G, CMY-Y108-G, CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:

- Nominal cooling conditions
Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Max heating conditions
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Nominal heating conditions
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Cooling mode/Heating mode
- The sound pressure level measured by the conventional method in JIS for reference purpose.
- External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).
Consult your dealer about the specification when setting External static pressure option.

Unit converter	
BTU/h	=kW x 3,412
cfm	=m³/min x 35.31
lbs	=kg/0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series

PUHY-M-Y(s)XM-A

Outdoor Model			PUHY-M800YSXM-A(-BS)	
Power source			3-phase 4-wire 380-400-415V 50Hz	
Cooling capacity (Nominal)	*1	kW	90.0	
		BTU/h	307,100	
		Power input kW	26.94	
		Current input A	45.4-43.2-41.6	
		EER kW/kW	3.34	
		SEER kW/kW	7.46	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	100.0	
		BTU/h	341,200	
		Power input kW	27.93	
		Current input A	47.1-44.7-43.1	
		COP kW/kW	3.58	
		(Nominal) *3 kW	90.0	
		BTU/h	307,100	
		Power input kW	22.78	
		Current input A	38.4-36.5-35.2	
		COP kW/kW	3.95	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Maximum quantity		M10~M250/50	
Sound pressure level (measured in anechoic room)	*4, 5	dB <A>	65.0/68.0	
Sound power level (measured in anechoic room)	*4	dB <A>	86/90	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	34.93 (1-3/8) Brazed	

Set Model

Outdoor Model			PUHY-M400YXM-A(-BS)		PUHY-M400YXM-A(-BS)	
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m ³ /min	260		260	
		L/s	4,333		4,333	
		cfm	9,181		9,181	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	*6	Motor output	kW	0.46 x2		0.46 x2
External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x1		Inverter scroll hermetic compressor x1	
	Starting method		Inverter		Inverter	
	Motor output	kW	10.8		10.8	
	Case heater	kW	-		-	
	Lubricant		MEL46EH		MEL46EH	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1207 x 740		1,858 (1,798 without legs) x 1207 x 740	
		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16		73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)		High pressure sensor, High pressure switch at 4.15MPa (601psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)		R32 x 9.3kg (21lbs)	
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	324 (715)		324 (715)	
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	mm (in.)	12.7 (1/2) Brazed		12.7 (1/2) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		KB94CANS			
	Wiring		KE94L613		KE94L613	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts	Twinning kit		CMY-Y200VBK2			
	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-Y202S-G2, CMY-Y302S-G2			
	Header		CMY-Y104-G, CMY-Y108-G, CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:

- Nominal cooling conditions
Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B./24°C.W.B. (95°F.D.B./75°F.W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Max heating conditions
Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Nominal heating conditions
Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Cooling mode/Heating mode
- The sound pressure level measured by the conventional method in JIS for reference purpose.
- External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).
Consult your dealer about the specification when setting External static pressure option.

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

Y-Series

PUHY-M-Y(S)XM-A

Outdoor Model			PUHY-M850YSXM-A(-BS)	
Power source			3-phase 4-wire 380-400-415V 50Hz	
Cooling capacity (Nominal)	*1	kW	95.0	
		BTU/h	324,100	
	Power input	kW	28.87	
		A	48.7-46.3-44.6	
		EER	3.29	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	106.0	
		BTU/h	361,700	
	Power input	kW	30.54	
		A	51.5-48.9-47.2	
		COP	3.47	
	(Nominal) *3	kW	95.0	
		BTU/h	324,100	
		kW	24.73	
		A	41.7-39.6-38.2	
		COP	3.84	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Maximum quantity		M10-M250/50	
Sound pressure level (measured in anechoic room)	*4, 5	dB <A>	66.0/70.0	
Sound power level (measured in anechoic room)	*4	dB <A>	86/91	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Braze	
	Gas pipe	mm (in.)	41.28 (1-5/8) Braze	

Set Model

Outdoor Model			PUHY-M450YXM-A(-BS)	PUHY-M400YXM-A(-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Air flow rate	m ³ /min	300	260
		L/s	5,000	4,333
		cfm	10,593	9,181
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.46 ×2	0.46 ×2
	*6 External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor ×1	Inverter scroll hermetic compressor ×1
	Starting method		Inverter	Inverter
	Motor output	kW	13.0	10.8
	Case heater	kW	-	-
	Lubricant		MEL46EH	MEL46EH
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm 1,858 (1,798 without legs) x 1207 x 740 in. 73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	1,858 (1,798 without legs) x 1207 x 740 73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)	High pressure sensor, High pressure switch at 4.15MPa (601psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)	R32 x 9.3kg (21lbs)
	Control		LEV and HIC circuit	
Net weight		kg (lbs)	324 (715)	324 (715)
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	mm (in.)	15.88 (5/8) Brazed	12.7 (1/2) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94CANS	
	Wiring		KE94L613	KE94L613
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts	Twinning kit		CMY-Y200VBK2	
	Joint		CMY-Y102SS-G2 , CMY-Y102LS-G2 , CMY-Y202S-G2 , CMY-Y302S-G2	
	Header		CMY-Y104-G , CMY-Y108-G , CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:

- Nominal cooling conditions
Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB./24°CWB. (95°FDB./75°FWB.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Max heating conditions
Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Nominal heating conditions
Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Cooling mode/Heating mode
- The sound pressure level measured by the conventional method in JIS for reference purpose.
- External static pressure option is available (30 Pa, 60 Pa/3.1 mmH₂O, 6.1 mmH₂O).
Consult your dealer about the specification when setting External static pressure option.

Unit converter	
BTU/h	=kW x 3,412
cfm	=m³/min x 35.31
lbs	=kg/0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series

PUHY-M-Y(s)XM-A

Outdoor Model			PUHY-M900YSXM-A(-BS)	
Power source			3-phase 4-wire 380-400-415V 50Hz	
Cooling capacity (Nominal)	*1	kW	100.0	
		BTU/h	341,200	
		Power input kW	31.15	
		Current input A	52.5-49.9-48.1	
		EER	3.21	
		SEER	7.37	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	112.0	
		BTU/h	382,100	
		Power input kW	33.33	
		Current input A	56.2-53.4-51.5	
		COP	3.36	
		(Nominal) kW	100.0	
		BTU/h	341,200	
		Power input kW	26.80	
		Current input A	45.2-42.9-41.4	
		COP	3.73	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Maximum quantity		M10~M250/50	
Sound pressure level (measured in anechoic room)	*4, 5	dB <A>	67.0/72.0	
Sound power level (measured in anechoic room)	*4	dB <A>	87/93	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	

Set Model

Outdoor Model			PUHY-M450YXM-A(-BS)		PUHY-M450YXM-A(-BS)	
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m ³ /min	300		300	
		L/s	5,000		5,000	
		cfm	10,593		10,593	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	*6	Motor output	kW	0.46 ×2		0.46 ×2
External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		
Compressor	Type x Quantity		Inverter scroll hermetic compressor ×1		Inverter scroll hermetic compressor ×1	
	Starting method		Inverter		Inverter	
	Motor output	kW	13.0		13.0	
	Case heater	kW	-		-	
	Lubricant		MEL46EH		MEL46EH	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1207 x 740		1,858 (1,798 without legs) x 1207 x 740	
		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16		73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)		High pressure sensor, High pressure switch at 4.15MPa (601psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)		R32 x 9.3kg (21lbs)	
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	324 (715)		324 (715)	
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	mm (in.)	15.88 (5/8) Brazed		15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		KB94CANS			
	Wiring		KE94L613		KE94L613	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts	Twinning kit		CMY-Y200VBK2			
	Joint		CMY-Y102SS-G2 , CMY-Y102LS-G2 , CMY-Y202S-G2 , CMY-Y302S-G2			
	Header		CMY-Y104-G , CMY-Y108-G , CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:

- Nominal cooling conditions
Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Max heating conditions
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Nominal heating conditions
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Cooling mode/Heating mode
- The sound pressure level measured by the conventional method in JIS for reference purpose.
- External static pressure option is available (30 Pa, 60 Pa/3.1 mmH₂O, 6.1 mmH₂O).
Consult your dealer about the specification when setting External static pressure option.

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

Y-Series

PUHY-M-Y(S)XM-A

Outdoor Model			PUHY-M950YSXM-A(-BS)	
Power source			3-phase 4-wire 380-400-415V 50Hz	
Cooling capacity (Nominal)	*1	kW	106.0	
		BTU/h	361,700	
		Power input kW	34.86	
		Current input A	58.8-55.9-53.8	
		EER kW/kW	3.04	
Temp. range of cooling	Indoor	SEER kW/kW	7.13	
		W.B.	15.0~24.0°C (59~75°F)	
		D.B.	-5.0~52.0°C (23~126°F)	
		Outdoor		
Heating capacity (Max)	*2	kW	114.0	
		BTU/h	389,000	
		Power input kW	34.13	
		Current input A	57.6-54.7-52.7	
		COP kW/kW	3.34	
	(Nominal) *3	kW	106.0	
		BTU/h	361,700	
		Power input kW	28.72	
		Current input A	48.4-46.0-44.3	
		COP kW/kW	3.69	
Temp. range of heating	Indoor	SCOP kW/kW	4.41	
		D.B.	15.0~27.0°C (59~81°F)	
Indoor unit connectable	Total capacity	W.B.	-25.0~15.5°C (-13~60°F)	
		Model/Maximum quantity	50~130% of outdoor unit capacity M10-M250/50	
Sound pressure level (measured in anechoic room)	*4, 5	dB <A>	69.0/72.0	
Sound power level (measured in anechoic room)	*4	dB <A>	89/94	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Braze	
	Gas pipe	mm (in.)	41.28 (1-5/8) Braze	

Set Model

Outdoor Model			PUHY-M500YXM-A(-BS)	PUHY-M450YXM-A(-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Air flow rate	m ³ /min	305	300
		L/s	5,083	5,000
		cfm	10,770	10,593
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	*6	Motor output	kW	0.46 x2
External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x1	Inverter scroll hermetic compressor x1
	Starting method		Inverter	Inverter
	Motor output	kW	15.4	13.0
	Case heater	kW	-	-
	Lubricant		MEL46EH	MEL46EH
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1207 x 740	1,858 (1,798 without legs) x 1207 x 740
		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)	High pressure sensor, High pressure switch at 4.15MPa (601psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)	R32 x 9.3kg (21lbs)
	Control		LEV and HIC circuit	
Net weight		kg (lbs)	324 (715)	324 (715)
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	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		KB94CANS	
	Wiring		KE94L613	KE94L613
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts	Twinning kit		CMY-Y200VBK2	
	Joint		CMY-Y102SS-G2 , CMY-Y102LS-G2 , CMY-Y202S-G2 , CMY-Y302S-G2	
	Header		CMY-Y104-G , CMY-Y108-G , CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:

- Nominal cooling conditions
Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B./24°C.W.B. (95°F.D.B./75°F.W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Max heating conditions
Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Nominal heating conditions
Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Cooling mode/Heating mode
- The sound pressure level measured by the conventional method in JIS for reference purpose.
- External static pressure option is available (30 Pa/3.1 mmH₂O).
Consult your dealer about the specification when setting External static pressure option.

Unit converter	
BTU/h	=kW x 3,412
cfm	=m³/min x 35.31
lbs	=kg/0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series

PUHY-M-Y(s)XM-A

Outdoor Model			PUHY-M1000YSXM-A(-BS)	
Power source			3-phase 4-wire 380-400-415V 50Hz	
Cooling capacity (Nominal)	*1	kW	112.0	
		BTU/h	382,100	
		Power input kW	39.16	
		Current input A	66.1-62.8-60.5	
		EER	2.86	
		SEER	6.89	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	116.0	
		BTU/h	395,800	
		Power input kW	35.04	
		Current input A	59.1-56.1-54.1	
		COP	3.31	
	(Nominal) *3	kW	112.0	
		BTU/h	382,100	
		Power input kW	30.76	
		Current input A	51.9-49.3-47.5	
		COP	3.64	
		SCOP	4.36	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Maximum quantity		M10~M250/50	
Sound pressure level (measured in anechoic room)	*4, 5	dB <A>	71.0/73.0	
Sound power level (measured in anechoic room)	*4	dB <A>	91/95	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	

Set Model

Outdoor Model			PUHY-M500YXM-A(-BS)		PUHY-M500YXM-A(-BS)	
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m ³ /min	305		305	
		L/s	5,083		5,083	
		cfm	10,770		10,770	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	*6	Motor output	kW	0.46 x2		0.46 x2
External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x1		Inverter scroll hermetic compressor x1	
	Starting method		Inverter		Inverter	
	Motor output	kW	15.4		15.4	
	Case heater	kW	-		-	
	Lubricant		MEL46EH		MEL46EH	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1207 x 740		1,858 (1,798 without legs) x 1207 x 740	
		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16		73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)		High pressure sensor, High pressure switch at 4.15MPa (601psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)		R32 x 9.3kg (21lbs)	
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	324 (715)		324 (715)	
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	mm (in.)	15.88 (5/8) Brazed		15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		KB94CANS			
	Wiring		KE94L613		KE94L613	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts	Twinning kit		CMY-Y200VBK2			
	Joint		CMY-Y102SS-G2 , CMY-Y102LS-G2 , CMY-Y202S-G2 , CMY-Y302S-G2			
	Header		CMY-Y104-G , CMY-Y108-G , CMY-Y1010-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. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:

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Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Max heating conditions
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
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Unit converter	
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