

OUTDOOR UNIT

Y Series - High COP

PUHY-EP YHM-A(-BS)



► Specifications

		PUHY-EP200YHM-A(-BS)		PUHY-EP250YHM-A(-BS)		PUHY-EP300YHM-A(-BS)	
Power source				3-phase 4-wire 380-400-415V 50/60Hz			
Cooling capacity (Nominal)	#1 kW	22.4		28.0		33.5	
	#1 BTU/h	76,400		95,500		114,300	
	Power input kW	5.18		6.82		8.25	
	Current input A	8.7-8.3-8.0		11.5-10.9-10.5		13.9-13.2-12.7	
COP (kW/kW)		4.32		4.10		4.06	
Temp. #3 range of cooling	Indoor	W.B.		15-24°C (59-75°F)			
	Outdoor	D.B.		- 5-43°C (23-109°F)			
Heating capacity (Nominal)	#2 kW	25.0		31.5		37.5	
	#2 BTU/h	85,300		107,500		128,000	
	Power input kW	5.77		7.59		9.28	
	Current input A	9.7-9.2-8.9		12.8-12.1-11.7		15.6-14.8-14.3	
COP (kW/kW)		4.33		4.15		4.04	
Temp. #3 range of heating	Indoor temp.	D.B.		15-27°C (59-81°F)			
	Outdoor temp.	W.B.		-20-15.5°C (-4-60°F)			
Indoor unit connectable		Total capacity		50-130% of outdoor unit capacity			
Model/Quantity		P15-P250 / 1-17		P15-P250 / 1-21		P15-P250 / 1-26	
Sound pressure level (measured in anechoic room)		57		60		60	
Diameter of liquid refrigerant pipe		ø19.02 (ø3/8) Braze		ø19.05 (ø3/8) Braze (ø12.7 (ø1/2) Braze; total length>90m)		ø19.05 (ø3/8) Braze (ø12.7 (ø1/2) Braze; total length>90m)	
External finish		Pre-coated galvanized steel sheets (ø19.05 (ø3/8) Braze)		ø22.2 (ø7/8) Braze		ø22.2 (ø7/8) Braze	
External dimension H X W X D		mm		1,710 (without legs 1,650) X 920 X 760		1,710 (without legs 1,650) X 1,220 X 760	
Net weight		kg(lbs)		200 (441)		245 (541)	
Heat exchanger		Type		Salt-resistant cross fin & copper tube			
Compressor		Starting method		Inverter scroll hermetic compressor			
FAN	Motor output kW	5.4		6.7		8.3	
	m³/min	185		225		225	
	L/s	3,083		3,750		3,750	
	cfm	6,532		7,945		7,945	
Type X Quantity		Propeller fan X 1		Propeller fan X 1		Propeller fan X 1	
Motor output kW		0.46 X 1		0.46 X 1		0.46 X 1	
Protection		Inverter circuit (COMP./FAN)		High pressure sensor, High pressure switch 4.15 MPa (601 psi)			
Compressor		Over-heat protection		Over-heat protection			
Refrigerant		Type X Original charge		Over-heat protection			
		R410A X 9.0kg (20 lbs)		R410A X 11.5 kg (26lbs)		R410A X 11.5kg (26 lbs)	
Optional parts		joint : CMY-Y102S-G2		joint : CMY-Y102S/L-G2		joint : CMY-Y102S / L-G2	
		Header : CMY-Y104 / 108 / 1010-G		Header : CMY-Y104/108/1010-G		Header : CMY-Y104 / 108 / 1010-G	

OUTDOOR UNIT

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PUHY-EP YSHM-A(-BS)



► Specifications

Set name		PUHY-EP400YSHM-A(-BS)		PUHY-EP450YSHM-A(-BS)		PUHY-EP500YSHM-A(-BS)	
Power source				3-phase 4-wire 380-400-415V 50/60Hz			
Cooling capacity (Nominal)	#1 kW	45.0		50.0		56.0	
	#1 BTU/h	153,500		170,600		191,100	
	Power input kW	10.41		11.87		13.46	
	Current input A	17.5-16.6-16.0		20.0-19.0-18.3		22.7-21.5-20.8	
	COP (kW/kW)	4.32		4.21		4.16	
Temp. #4 range of cooling	Indoor	W.B.		15-24°C (59-75°F)			
	Outdoor	D.B.		- 5-43°C (23-109°F)			
Heating capacity (Nominal)	#2 kW	50.0		56.0		63.0	
	#2 BTU/h	170,600		191,100		215,000	
	Power input kW	11.54		13.05		15.14	
	Current input A	19.4-18.5-17.8		22.0-20.9-20.1		25.5-24.2-23.4	
	COP (kW/kW)	4.33		4.29		4.16	
Temp. #4 range of heating	Indoor temp.	D.B.		15-27°C (59-81°F)			
	Outdoor temp.	W.B.		-20-15.5°C (-4-60°F)			
Indoor unit connectable		Total capacity		50-130% of outdoor unit capacity			
Model/Quantity		P15-P250 / 1-35		P15-P250 / 1-39		P15-P250 / 1-43	
Sound pressure level (measured in anechoic room)		dB<A>		62		62	
		60		62		62	
Diameter of refrigerant pipe	Liquid mm(in.)	ø12.7 (ø1/2) Braze		ø15.88 (ø5/8) Braze		ø15.88 (ø5/8) Braze	
	Gas mm(in.)	ø28.58 (ø1-1/8) Braze		ø28.58 (ø1-1/8) Braze		ø28.58 (ø1-1/8) Braze	
Outdoor unit 1 and Outdoor unit 2		PUHY-EP200YHM-A(-BS) PUHY-EP200YHM-A(-BS)		PUHY-EP200YHM-A(-BS) PUHY-EP200YHM-A(-BS)		PUHY-EP200YHM-A(-BS) PUHY-EP200YHM-A(-BS)	
External finish		Pre-coated galvanized steel sheets (+ powder coating for BS type) <MUNSELL 5Y 8/1 or similar>					
External dimension H X W X D		mm	1,710 X 920 X 760	1,710 X 920 X 760	1,710 X 1,220 X 760	1,710 X 920 X 760	1,710 X 1,220 X 760
		in.	67.38 X 36-1/4 X 29-1/16	67.38 X 36-1/4 X 29-1/16	67.38 X 36-1/4 X 29-1/16	67.38 X 36-1/4 X 29-1/16	67.38 X 48-1/16 X 29-1/16
Net weight		kg(lbs)	200 (441)	200 (441)	245 (541)	200 (441)	245 (541)
Heat exchanger		Salt-resistant cross fin & copper tube					
Type		Inverter scroll hermetic compressor					
Compressor	Starting method	Inverter					
	Motor output kW	5.4	5.4	5.4	6.7	5.4	8.3
	m³/min	185	185	185	225	185	225
	L/s	3.083	3.083	3.083	3.750	3.083	3.750
	cfm	6,532	6,532	6,532	7,945	6,532	7,945
FAN	Type X Quantity	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1
	Motor output kW	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1
Protection	High pressure protection	High pressure sensor, High pressure switch 4.15 MPa (601 psi)					
	Inverter circuit (COMP./FAN) Compressor	Over-heat protection, Over-current protection					
Refrigerant	Type X Original charge	R410A X 9.0kg (20 lbs)	R410A X 9.0kg (20 lbs)	Over-heat protection		R410A X 9.0kg (20 lbs)	R410A X 11.5kg (26 lbs)
	Liquid mm(in.)			ø9.52 (ø3/8) Braze			
Pipe between unit distributor	Gas mm(in.)	ø19.05 (ø3/4) Braze		ø22.2 (ø7/8) Braze		ø19.05 (ø3/4) Braze ø22.2 (ø7/8) Braze	
				Outdoor Twinning kit : CMY-Y100VBK2 joint : CMY-Y102S / L-G2, CMY-Y202-G2 Header : CMY-Y104 / 108 / 1010-G			
Optional parts							

Note:

#1 Nominal cooling conditions
Indoor 27°C (81°F) DB/19°C (66°F) WB, Outdoor 35°C (95°F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

#2 Nominal heating conditions
Indoor 20°C (68°F) DB, Outdoor 7°C (45°F) DB/6°C (43°F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

#3 Height without legs 1650mm (65 in.)

#4 -5°C (23°F) DB/-6°C (21°F) WB-21°C (70°F) DB/15.5°C (60°F) WB with cooling/heating mixed operation.

Note:

#1 Nominal cooling conditions
Indoor 27°C (81°F) DB/19°C (66°F) WB, Outdoor 35°C (95°F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

#2 Nominal heating conditions
Indoor 20°C (68°F) DB, Outdoor 7°C (45°F) DB/6°C (43°F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

#3 -5°C (23°F) DB/-6°C (21°F) WB-21°C (70°F) DB/15.5°C (60°F) WB with cooling/heating mixed operation.

Outdoor unit

Outdoor Unit

OUTDOOR UNIT

Y Series - High COP

PUHY-EP YSHM-A

(-BS)

► Specifications



Set name		PUHY-EP550YSHM-A1(-BS)		PUHY-EP600YSHM-A(-BS)		PUHY-EP650YSHM-A(-BS)	
Power source		3-phase 4-wire 380-400-415V 50/60Hz					
Cooling capacity (Nominal)	#1 kW	63.0		69.0		73.0	
	#1 BTU/h	215,000		235,400		249,100	
	Power input kW	15.44		16.99		18.34	
	Current input A	26.0-24.7-23.8		28.6-27.2-26.2		30.9-29.4-28.3	
COP (kW/kW)		4.08		4.06		3.98	
Temp. #4 range of cooling	Indoor	W.B.		15~24°C (59~75°F)			
	Outdoor	D.B.		- 5~43°C (23~109°F)			
Heating capacity (Nominal)	#2 kW	69.0		76.5		81.5	
	#2 BTU/h	235,400		261,000		278,100	
	Power input kW	16.82		18.93		19.13	
	Current input A	28.3-26.9-26.0		31.9-30.3-29.2		32.2-30.6-29.5	
COP (kW/kW)		4.10		4.04		4.26	
Temp. #4 range of heating	Indoor temp.	D.B.		15~27°C (59~81°F)			
	Outdoor temp.	W.B.		-20~15.5°C (-4~60°F)			
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity					
	Model/Quantity	P15~P250 / 1~47		P15~P250 / 1~50		P15~P250 / 1~50	
Sound pressure level (measured in anechoic room)	dB(A)->	63		63		63.5	
Diameter of liquid	mm(in.)	ø15.88 (ø5/8) Brazed		ø15.88 (ø5/8) Brazed		ø15.88 (ø5/8) Brazed	
Refrigerant pipe Gas	mm(in.)	ø28.58 (ø1-1/8) Brazed		ø28.58 (ø1-1/8) Brazed		ø28.58 (ø1-1/8) Brazed	
Outdoor unit 1 and Outdoor unit 2		PUHYEP250YHM-A(-BS)	PUHYEP300YHM-A(-BS)	PUHYEP300YHM-A(-BS)	PUHYEP300YHM-A(-BS)	PUHYEP300YHM-A(-BS)	PUHYEP300YHM-A(-BS)
External finish		Pre-coated galvanized steel sheets (+ powder coating for BS type) <MUNSELL 5Y 8/1 or similar>					
External dimension H X W X D	mm	1,710 X 1,220 X 760	1,710 X 1,220 X 760	1,710 X 1,220 X 760	1,710 X 1,220 X 760	1,710 X 1,220 X 760	1,710 X 1,220 X 760
	in.	67.3/8 X 48-1/16 X 29-15/16	67.3/8 X 48-1/16 X 29-15/16	67.3/8 X 48-1/16 X 29-15/16	67.3/8 X 48-1/16 X 29-15/16	67.3/8 X 48-1/16 X 29-15/16	67.3/8 X 48-1/16 X 29-15/16
Net weight	kg(lbs)	245 (541)	245 (541)	245 (541)	245 (541)	245 (541)	245 (541)
Heat exchanger		Salt-resistant cross fin & copper tube					
Compressor	Type	Inverter scroll hermetic compressor					
	Starting method	Inverter					
FAN	Motor output	kW	6.7	8.3	8.3	8.3	10.3
	m³/min		225	225	225	225	225
	Air flow rate	L/s	3,750	3,750	3,750	3,750	3,750
	cfm		7,945	7,945	7,945	7,945	7,945
Type X Quantity		Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1
Motor output		kW	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1
Protection	High pressure protection	High pressure sensor, High pressure switch 4.15 MPa (601 psi)					
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection					
Compressor		Over-heat protection					
Refrigerant	Type X Original charge	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)
Pipe between unit distributor	Liquid	mm(in.)	ø9.52 (ø3/8) Brazed	ø12.7 (ø1/2) Brazed		ø12.7 (ø1/2) Brazed	
	Gas	mm(in.)	ø22.2 (ø7/8) Brazed	ø22.2 (ø7/8) Brazed		ø28.58 (ø1-1/8) Brazed	
Optional parts		Outdoor Twinning kit : CMY-Y100VBK2 joint : CMY-Y102S / L-G2, CMY-Y202 / 302-G2 Header : CMY-Y104 / 108 / 1010-G					

Note:

- #1 Nominal cooling conditions
Indoor 27°C (81°F) DB/19°C (66°F) WB, Outdoor 35°C (95°F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)
- #2 Nominal heating conditions
Indoor 20°C (68°F) DB, Outdoor 7°C (45°F) DB/6°C (43°F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)
- #3 Height without legs 1650mm (65 in.)
- #4 -5°C (23°F) DB/-6°C (21°F) WB~21°C (70°F) DB/15.5°C (60°F) WB with cooling/heating mixed operation.

Outdoor unit

OUTDOOR UNIT

Y Series - High COP

PUHY-EP YSHM-A(-BS)

► Specifications



Set name		PUHY-EP700YSHM-A(-BS)			
Power source		3-phase 4-wire 380-400-415V 50/60Hz			
Cooling capacity (Nominal)	#1	kW	80.0		
	#1	BTU/h	273,000		
	Power input		kW	20.99	
	Current input		A	35.4-33.6-32.4	
	COP (kW/kW)		3.81		
Temp. #4 range of cooling	Indoor	W.B.			
	Outdoor	D.B.			
Heating capacity (Nominal)	#2	kW	88.0		
	#2	BTU/h	300,300		
	Power input		kW	20.00	
	Current input		A	33.7-32.0-30.9	
	COP (kW/kW)		4.40		
Temp. #4 range of heating	Indoor temp.	D.B.			
	Outdoor temp.	W.B.			
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity		
Sound pressure level (measured in anechoic room)	Model/Quantity		P15~P250 / 1~50		
Diameter of refrigerant pipe		63			
Liquid		mm(in.)			
Gas		mm(in.)			
Outdoor unit 1, Outdoor unit 2, and Outdoor unit 3		PUHY-EP200YHM-A(-BS)	PUHY-EP200YHM-A(-BS)	PUHY-EP300YHM-A(-BS)	
External finish		Pre-coated galvanized steel sheets (+ powder coating for BS type) <MUNSELL 5Y 8/1 or similar>			
External dimension H X W X D		mm	1,710 X 920 X 760	1,710 X 1,220 X 760	
in.		in.	67-3/8 X 36-1/4 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	
Net weight		kg(lbs)	200 (441)	245 (541)	
Heat exchanger		Salt-resistant cross fin & copper tube			
Type		Inverter scroll hermetic compressor			
Starting method		Inverter			
FAN	Motor output	kW	5.4	8.3	
	Air flow rate	m³/min	185	225	
		L/s	3,083	3,750	
		cfm	6,532	7,945	
	Type X Quantity		Propeller fan X 1	Propeller fan X 1	
Motor output		kW	0.46 X 1	0.46 X 1	
High pressure protection		High pressure sensor, High pressure switch 4.15 MPa (601 psi)			
Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			
Protection		Over-heat protection			
Refrigerant		R410A X 9.0kg (20 lbs)			
Type X Original charge		R410A X 9.0kg (20 lbs)	R410A X 9.0kg (20 lbs)	R410A X 11.5kg (26 lbs)	
Pipe between unit distributor		Liquid	mm(in.)	ø9.52 (ø3/8) Brazed	
Gas		mm(in.)	ø19.05 (ø3/4) Brazed	ø22.2 (ø7/8) Brazed	
Optional parts		Outdoor Twinning kit : CMY-Y300VBK2 joint : CMY-Y102S / L-G2, CMY-Y202 / 302-G2 Header : CMY-Y104 / 108 / 1010-G			

Note:

- #1 Nominal cooling conditions
Indoor 27°C (81°F) DB/19°C (66°F) WB, Outdoor 35°C (95°F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)
- #2 Nominal heating conditions
Indoor 20°C (68°F) DB, Outdoor 7°C (45°F) DB/6°C (43°F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)
- #3 Height without legs 1650mm (65 in.)
- #4 -5°C (23°F) DB/-6°C (21°F) WB~21°C (70°F) DB/15.5°C (60°F) WB with cooling/heating mixed operation.

Outdoor Unit

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Y Series - High COP

PUHY-EP YSHM-A(-BS)



► Specifications

Set name		PUHY-EP750YSHM-A1(-BS)				PUHY-EP800YSHM-A(-BS)			
Power source		3-phase 4-wire 380-400-415V 50/60Hz							
Cooling capacity (Nominal)	#1 kW	85.0				90.0			
	#1 BTU/h	290,000				307,100			
	Power input kW	20.43				22.00			
	Current input A	34.4-32.7-31.5				37.1-35.2-34.0			
COP (kW/kW)		4.16				4.09			
Temp. #4 range of cooling	Indoor	W.B.		15-24°C (59-75°F)					
	Outdoor	D.B.		- 5-43°C (23-109°F)					
Heating capacity (Nominal)	#2 kW	95.0				100.0			
	#2 BTU/h	324,100				341,200			
	Power input kW	22.19				23.41			
	Current input A	37.4-35.5-34.3				39.5-37.5-36.1			
COP (kW/kW)		4.28				4.27			
Temp. #4 range of heating	Indoor temp.	D.B.		15-27°C (59-81°F)					
	Outdoor temp.	W.B.		-20-15.5°C (-4-60°F)					
Indoor unit connectable		Total capacity				50-130% of outdoor unit capacity			
Model/Quantity		P15-P250 / 1-50				P15-P250 / 1-50			
Sound pressure level (measured in anechoic room)		dB<A>				dB<A>			
		64				64			
Diameter of liquid refrigerant pipe		ø19.05 (ø3/4) Braze				ø19.05 (ø3/4) Braze			
Gas		ø34.93 (ø1-1/4) Braze				ø34.93 (ø1-3/8) Braze			
Outdoor unit 1, Outdoor unit 2, and Outdoor unit 3		PUHY-EP200YHM-A(-BS)		PUHY-EP250YHM-A(-BS)		PUHY-EP300YHM-A(-BS)		PUHY-EP300YHM-A(-BS)	
External finish		Pre-coated galvanized steel sheets (+ powder coating for BS type) <MUNSELL 5Y 8/1 or similar>							
External dimension H X W X D		mm		1,710 X 920 X 760		1,710 X 1,220 X 760		1,710 X 1,220 X 760	
#3 in.		67.38 X 36.14 X 29.15/16		67.38 X 48.1/16 X 29.15/16		67.38 X 36.14 X 29.15/16		67.38 X 48.1/16 X 29.15/16	
Net weight		kg(lbs)		200 (441)		245 (541)		245 (541)	
Heat exchanger		Salt-resistant cross fin & copper tube							
Compressor		Inverter scroll hermetic compressor							
Starting method		Inverter							
FAN	Motor output kW	5.4		6.7		8.3		5.4	
	m³/min	185		225		225		185	
	Air flow rate L/s	3,083		3,750		3,750		3,083	
	cfm	6,532		7,945		7,945		6,532	
Type X Quantity		Propeller fan X 1		Propeller fan X 1		Propeller fan X 1		Propeller fan X 1	
Motor output kW		0.46 X 1		0.46 X 1		0.46 X 1		0.46 X 1	
High pressure protection		High pressure sensor, High pressure switch 4.15 MPa (601 psi)							
Inverter circuit (COMP./FAN) Compressor		Over-heat protection, Over-current protection							
Refrigerant Type X Original charge		R410A X 9.0kg (20 lbs)		R410A X 11.5kg (26 lbs)		R410A X 11.5kg (26 lbs)		R410A X 9.0kg (20 lbs)	
Pipe between unit distributor	Liquid mm(in.)	ø9.52 (ø3/8) Braze		ø12.7 (ø1/2) Braze		ø9.52 (ø3/8) Braze		ø12.7 (ø1/2) Braze	
	Gas mm(in.)	ø19.05 (ø3/4) Braze		ø22.2 (ø7/8) Braze		ø19.05 (ø3/4) Braze		ø22.2 (ø7/8) Braze	
Optional parts		Outdoor Twinning kit : CMY-Y300VBK2 joint : CMY-Y102S / L-G2, CMY-Y202 / 302-G2 Header : CMY-Y104 / 108 / 1010-G							

Note:

#1 Nominal cooling conditions
Indoor 27°C (81°F) DB/19°C (66°F) WB, Outdoor 35°C (95°F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

#2 Nominal heating conditions
Indoor 20°C (68°F) DB, Outdoor 7°C (45°F) DB/6°C (43°F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

#3 Height without legs 1650mm (65 in.)

#4 -5°C (23°F) DB/-6°C (21°F) WB-21°C (70°F) DB/15.5°C (60°F) WB with cooling/heating mixed operation.

Outdoor unit

OUTDOOR UNIT

Y Series - High COP

PUHY-EP YSHM-A(-BS)



► Specifications

Set name		PUHY-EP850YSHM-A1(-BS)				PUHY-EP900YSHM-A(-BS)				
Power source		3-phase 4-wire 380-400-415V 50/60Hz								
Cooling capacity (Nominal)	#1 kW	96.0				101.0				
	#1 BTU/h	327,600				344,600				
	Power input kW	23.58				24.87				
	Current input A	39.8-37.8-36.4				41.9-39.8-38.4				
COP (kW/kW)		4.07				4.06				
Temp. #4 range of cooling	Indoor	W.B.	15-24°C (59-75°F)							
	Outdoor	D.B.	- 5-43°C (23-109°F)							
Heating capacity (Nominal)	#2 kW	108.0				113.0				
	#2 BTU/h	368,500				385,600				
	Power input kW	25.59				27.90				
	Current input A	43.1-41.0-39.5				47.0-44.7-43.1				
COP (kW/kW)		4.22				4.05				
Temp. #4 range of heating	Indoor temp.	D.B.	15-27°C (59-81°F)							
	Outdoor temp.	W.B.	-20-15.5°C (-4-60°F)							
Indoor unit connectable		Total capacity 50-130% of outdoor unit capacity								
Model/Quantity		P15-P250 / 1-50				P15-P250 / 1-50				
Sound pressure level (measured in anechoic room)		65				65				
Diameter of refrigerant pipe	Liquid	ø19.05 (ø3/4) Brazed				ø19.05 (ø3/4) Brazed				
	Gas	ø41.28 (ø1-5/8) Brazed				ø41.28 (ø1-5/8) Brazed				
Outdoor unit 1, Outdoor unit 2, and Outdoor unit 3		PUHY-EP250YHM-A(-BS)	PUHY-EP300YHM-A(-BS)	PUHY-EP300YHM-A(-BS)	PUHY-EP300YHM-A(-BS)	PUHY-EP300YHM-A(-BS)	PUHY-EP300YHM-A(-BS)	PUHY-EP300YHM-A(-BS)		
External finish		Pre-coated galvanized steel sheets (+ powder coating for BS type) <MUNSELL 5Y 8/1 or similar>								
External dimension H X W X D		mm	1,710 X 1,220 X 760	1,710 X 1,220 X 760	1,710 X 1,220 X 760	1,710 X 1,220 X 760	1,710 X 1,220 X 760	1,710 X 1,220 X 760		
in.		67.38 X 48-1/16 X 29-15/16	67.38 X 48-1/16 X 29-15/16	67.38 X 48-1/16 X 29-15/16	67.38 X 48-1/16 X 29-15/16	67.38 X 48-1/16 X 29-15/16	67.38 X 48-1/16 X 29-15/16	67.38 X 48-1/16 X 29-15/16		
Net weight		kg(lbs)	245 (541)	245 (541)	245 (541)	245 (541)	245 (541)	245 (541)		
Heat exchanger		Salt-resistant cross fin & copper tube								
Compressor	Type	Inverter scroll hermetic compressor								
	Starting method	Inverter								
FAN	Motor output	kW	6.7	8.3	8.3	8.3	8.3	8.3		
	m³/min	225	225	225	225	225	225	225		
	L/s	3,750	3,750	3,750	3,750	3,750	3,750	3,750		
	cfm	7,945	7,945	7,945	7,945	7,945	7,945	7,945		
Type X Quantity	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1		
	Motor output	kW	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1		
High pressure protection		High pressure sensor, High pressure switch 4.15 MPa (601 psi)								
Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection								
Compressor		Over-heat protection								
Refrigerant	Type X Original charge	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)		
	Liquid	mm(in.)	ø9.52 (ø3/8) Brazed	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed		
Pipe between unit distributor	Gas	mm(in.)	ø19.05 (ø3/4) Brazed	ø22.2 (ø7/8) Brazed	ø22.2 (ø7/8) Brazed	ø22.2 (ø7/8) Brazed	ø22.2 (ø7/8) Brazed	ø22.2 (ø7/8) Brazed		
Optional parts		Outdoor Twinning kit : CMY-Y300VBK2 joint : CMY-Y102S / L-G2, CMY-Y202 / 302-G2 Header : CMY-Y104 / 108 / 1010-G								

Note:

#1 Nominal cooling conditions
Indoor 27°C (81°F) DB/19°C (66°F) WB, Outdoor 35°C (95°F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

#2 Nominal heating conditions
Indoor 20°C (68°F) DB, Outdoor 7°C (45°F) DB/6°C (43°F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

#3 Height without legs 1650mm (65 in.)

#4 -5°C (23°F) DB/-6°C (21°F) WB-21°C (70°F) DB/15.5°C (60°F) WB with cooling/heating mixed operation.

Outdoor Unit