

OUTDOOR UNIT

R2 Series

PURY-P YHM-A(-BS)

> Specifications



		PURY-P200YHM-A(-BS)	PURY-P250YHM-A(-BS)	PURY-P300YHM-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 (Nominal)	kW	5.77	7.73	9.25
	A	9.7-9.2-8.9	13.0-12.3-11.9	15.6-14.8-14.2
COP (kW/kW)		3.88	3.62	3.62
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 (Nominal)	kW	6.14	7.83	9.58
	A	10.3-9.8-9.4	13.2-12.5-12.1	16.1-15.3-14.8
COP (kW/kW)		4.07	4.02	3.91
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 ~ 150% of outdoor unit capacity		
	Model/Quantity	P15 ~ P250 / 1 ~ 20	P15 ~ P250 / 1 ~ 25	P15 ~ P250 / 1 ~ 30
Sound pressure level (measured in anechoic room)	dB<A>	56	57	59
Diameter of refrigerant pipe	High pressure mm(in.)	ø15.88 (ø5/8) Brazed	ø19.05 (ø3/4) Brazed	ø19.05 (ø3/4) Brazed
	Low pressure mm(in.)	ø19.05 (ø3/4) Brazed	ø22.2 (ø7/8) Brazed	ø22.2 (ø7/8) Brazed
External finish		Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1>		
External dimension H X W X D	mm	1,710 (1,650 without legs) X 920 X 760	1,710 (1,650 without legs) X 920 X 760	1,710 (1,650 without legs) X 920 X 760
	in.	67-3/8 (65 without legs) X 36-1/4 X 29-15/16	67-3/8 (65 without legs) X 36-1/4 X 29-15/16	67-3/8 (65 without legs) X 36-1/4 X 29-15/16
Net weight	kg (lbs)	220 (485)	235 (518)	240 (529)
Heat exchanger		Salt-resistant cross fin & copper tube		
	Type	Inverter scroll hermetic compressor		
Compressor	Starting method	Inverter		
	Motor output kW	5.4	6.7	8.2
FAN	m³/min	185	185	185
	L/s	3,063	3,083	3,083
	cfm	6,532	6,532	6,532
	Type X Quantity	Propeller fan X 1	Propeller fan X 1	Propeller fan 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 8.0kg (18 lbs)	R410A X 10.5kg (24 lbs)	R410A X 10.5kg (24 lbs)
	Optional parts	joint : CMY-Y102S-G2, CMY-Y102L-G2, CMY-R160-J BC controller : CMB-P104, 105, 106, 108, 1010, 1013, 1016V-G Main BC controller : CMB-P108, 1010, 1013, 1016V-GA Sub BC controller : CMB-P104, 108V-GB, CMB-P1016V-HB	joint : CMY-Y102S-G2, CMY-Y102L-G2, CMY-Y202-G2, CMY-R160-J BC controller : CMB-P104, 105, 106, 108, 1010, 1013, 1016V-G Main BC controller : CMB-P108, 1010, 1013, 1016V-GA Sub BC controller : CMB-P104, 108V-GB, CMB-P1016V-HB	joint : CMY-Y102S-G2, CMY-Y102L-G2, CMY-Y202-G2, CMY-R160-J BC controller : CMB-P104, 105, 106, 108, 1010, 1013, 1016V-G Main BC controller : CMB-P108, 1010, 1013, 1016V-GA Sub BC controller : CMB-P104, 108V-GB, CMB-P1016V-HB

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

R2 Series

PURY-P YHM-A(-BS)

> Specifications



		PURY-P350YHM-A(-BS)	PURY-P400YHM-A(-BS)
Power source		3-phase 4-wire 380-400-415V 50/60Hz	
Cooling capacity (Nominal)	#1 kW	40.0	45.0
	#1 BTU/h	136,500	153,500
Power input (Nominal)	kW	12.47	13.74
	A	21.0-19.9-19.2	23.1-22.0-21.2
COP (kW/kW)		3.20	3.27
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	45.0	50.0
	#2 BTU/h	153,500	170,600
Power input (Nominal)	kW	12.47	13.71
	A	21.0-19.9-19.2	23.1-21.9-21.1
COP (kW/kW)		3.60	3.64
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 ~ 150% of outdoor unit capacity	
	Model/Quantity	P15 ~ P250 / 1 ~ 35	P15 ~ P250 / 1 ~ 40
Sound pressure level (measured in anechoic room)	dB<A>	60	61
Diameter of refrigerant pipe	High pressure mm(in.)	ø19.05 (ø3/4) Brazed	ø22.2 (ø7/8) Brazed
	Low pressure mm(in.)	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed
External finish		Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 5Y 8/1>	
External dimension H X W X D	mm	1,710 (1,650 without legs) X 1,220 X 760	1,710 (1,650 without legs) X 1,220 X 760
	in.	67-3/8 (65 without legs) X 48-1/16 X 29-15/16	67-3/8 (65 without legs) X 48-1/16 X 29-15/16
Net weight	kg (lbs)	265 (584)	265 (584)
Heat exchanger		Salt-resistant cross fin & copper tube	
	Type	Inverter scroll hermetic compressor	
Compressor	Starting method	Inverter	
	Motor output kW	10.3	10.5
FAN	m³/min	225	225
	L/s	3,750	3,750
	cfm	7,945	7,945
	Type X Quantity	Propeller fan X 1	Propeller fan 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 11.8kg (26 lbs)	R410A X 11.8kg (26 lbs)
	Optional parts	joint : CMY-Y102S-G2, CMY-Y102L-G2, CMY-Y202-G2, CMY-R160-J BC controller : CMB-P104, 105, 106, 108, 1010, 1013, 1016V-G Main BC controller : CMB-P108, 1010, 1013, 1016V-GA Sub BC controller : CMB-P104, 108V-GB, CMB-P1016V-HB	joint : CMY-Y102S-G2, CMY-Y102L-G2, CMY-Y202-G2, CMY-R160-J BC controller : CMB-P104, 105, 106, 108, 1010, 1013, 1016V-GA Main BC controller : CMB-P108, 1010, 1013, 1016V-GA Sub BC controller : CMB-P104, 108V-GB, CMB-P1016V-HB

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

R2 Series

PURY-P YSHM-A(-BS)



► Specifications

Set name		PURY-P450YSHM-A(-BS)		PURY-P500YSHM-A(-BS)	
Power source		3-phase 4-wire 380-400-415V 50/60Hz			
Cooling capacity (Nominal)	#1	kW	50.0	56.0	
	#1	BTU/h	170,600	191,100	
	Power input	kW	14.14	16.75	
	Current input	A	23.8-22.6-21.8	28.2-26.8-25.8	
	COP (kW/kW)		3.53	3.34	
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	56.0	63.0	
	#2	BTU/h	191,100	215,000	
	Power input	kW	14.71	16.79	
	Current input	A	24.8-23.5-22.7	28.3-26.9-25.9	
	COP (kW/kW)		3.80	3.75	
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 ~ 150% of outdoor unit capacity			
	Model/Quantity	P15 ~ P250 / 1 ~ 45		P15 ~ P250 / 1 ~ 50 (Connectable branch pipe number is max. 48.)	
Sound pressure level (measured in anechoic room)	dB<A>	60		60	
Diameter of refrigerant pipe	High pressure	ø22.2 (ø7/8) Braze		ø22.2 (ø7/8) Braze	
	Low pressure	ø28.58 (ø1-1/8) Braze		ø28.58 (ø1-1/8) Braze	
Model		PURY-P200YHM-A(-BS)	PURY-P250YHM-A(-BS)	PURY-P250YHM-A(-BS)	PURY-P250YHM-A(-BS)
External finish		Pre-coated galvanized steel sheets (+ powder coating for-BS type) <MUNSELL 5Y 8/1>			
External dimension H X W X D	mm	1,710(1,650 without legs) X 920 X 760	1,710(1,650 without legs) X 920 X 760	1,710(1,650 without legs) X 920 X 760	1,710(1,650 without legs) X 920 X 760
	in.	67-3/8(65 without legs) X 36-1/4 X 29-15/16	67-3/8(65 without legs) X 36-1/4 X 29-15/16	67-3/8(65 without legs) X 36-1/4 X 29-15/16	67-3/8(65 without legs) X 36-1/4 X 29-15/16
Net weight	kg(lbs)	220 (485)	235 (518)	235 (518)	235 (518)
Heat exchanger		Salt-resistant cross fin & copper tube			
Compressor	Type	Inverter scroll hermetic compressor			
	Starting method	Inverter			
FAN	Motor output	kW	5.4	6.7	6.7
		m³/min	185	185	185
	Air flow rate	L/s	3,083	3,083	3,083
		cfm	6,532	6,532	6,532
	Type X Quantity	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1
Protection	Motor output	kW	0.92	0.92	
	High pressure protection	High pressure sensor, High pressure switch 4.15 MPa (601 psi)			
Compressor	Inverter circuit (COMP.FAN)	Over-heat protection, Over-current protection			
	Compressor	Over-heat protection			
Refrigerant	Type X Original charge	R410A X 8.0kg (18 lbs)	R410A X 10.5kg (24 lbs)	R410A X 10.5kg (24 lbs)	R410A X 10.5kg (24 lbs)
Pipe between unit distributor	High pressure	mm(in.)	ø15.88 (ø5/8) Braze	ø19.05 (ø3/4) Braze	
	Low pressure	mm(in.)	ø19.05 (ø3/4) Braze	ø22.2 (ø7/8) Braze	
Optional parts	Outdoor Twinning kit : CMY-R100VBK				
	joint : CMY-Y102S-G2, CMY-Y102L-G2, CMY-Y202-G2, CMY-R160-J				
	Main BC controller : CMB-P108, 1010, 1013, 1016V-GA				
	Sub BC controller : CMB-P104, 108V-GB, CMB-P1016V-HB				

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

R2 Series

PURY-P YSHM-A(-BS)



► Specifications

Set name		PURY-P550YSHM-A(-BS)		3-phase 4-wire 380-400-415V 50/60Hz		PURY-P600YSHM-A(-BS)	
Power source							
Cooling capacity (Nominal)	#1	kW	63.0				69.0
		BTU/h	215,000				235,400
	#1	Power input kW	18.68				19.64
		Current input A	31.5-29.9-28.8				33.1-31.4-30.3
COP (kW/kW)		3.37				3.51	
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	69.0				76.5
		BTU/h	235,400				261,000
	#2	Power input kW	18.81				20.83
		Current input A	31.7-30.1-29.0				35.1-33.4-32.1
COP (kW/kW)		3.66				3.67	
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		50 ~ 150% of outdoor unit capacity					
Model/Quantity		P15 ~ P250 / 2 ~ 50 (Connectable branch pipe number is max. 48.)					
Sound pressure level (measured in anechoic room)		dB<A>		61		62	
Diameter of refrigerant pipe	High pressure	ø28.58 (ø1-1/8) Brazed			ø28.58 (ø1-1/8) Brazed		
	Low pressure	ø28.58 (ø1-1/8) Brazed			ø28.58 (ø1-1/8) Brazed		
Model		PURY-P250YHM-A(-BS)		PURY-P300YHM-A(-BS)		PURY-P300YHM-A(-BS)	
External finish		Pre-coated galvanized steel sheets (+ powder coating for-BS type) <MUNSELL 5Y 8/1>					
External dimension H X W X D	mm	1,710(1,650 without legs) X 920 X 760		1,710(1,650 without legs) X 920 X 760		1,710(1,650 without legs) X 920 X 760	
		in. 67-3/8(65 without legs) X 36-1/4 X 29-15/16		in. 67-3/8(65 without legs) X 36-1/4 X 29-15/16		in. 67-3/8(65 without legs) X 36-1/4 X 29-15/16	
Net weight		kg(lbs) 235 (518)		kg(lbs) 240 (529)		kg(lbs) 240 (529)	
Heat exchanger		Salt-resistant cross fin & copper tube					
Compressor	Type	Inverter scroll hermetic compressor					
	Starting method	Inverter					
FAN	Air flow rate	Motor output	kW 6.7	8.2	8.2	8.2	
		m³/min	185	185	185	185	
		L/s	3,083	3,083	3,083	3,083	
	cfm	6,532	6,532	6,532	6,532		
Protection	Type X Quantity	Propeller fan X 1		Propeller fan X 1		Propeller fan X 1	
	Motor output	kW 0.92		kW 0.92		kW 0.92	
Refrigerant	Type X Original charge	R410A X 10.5kg (24 lbs)		R410A X 10.5kg (24 lbs)		R410A X 10.5kg (24 lbs)	
	Pipe between unit distributor	High pressure	mm(in.) ø19.05 (ø3/4) Brazed		mm(in.) ø19.05 (ø3/4) Brazed		
	Low pressure	mm(in.) ø22.2 (ø7/8) Brazed		mm(in.) ø22.2 (ø7/8) Brazed			
Outdoor Twinning kit : CMY-R100VBK							
Optional parts							
joint : CMY-Y102S-G2, CMY-Y102L-G2, CMY-Y202-G2, CMY-R160-J							
Main BC controller : CMB-P108, 1010, 1013, 1016V-GA							
Sub BC controller : CMB-P104, 108V-GB, CMB-P1016V-HB							

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

R2 Series

PURY-P YSHM-A(-BS)



► Specifications

Set name		PURY-P650YSHM-A(-BS)		PURY-P700YSHM-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		24.72	
	Current input	A		41.7-39.6-38.2	
	COP (kW/kW)	3.20		3.23	
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		88.0	
	#2	BTU/h		300,300	
	Power input	kW		24.30	
	Current input	A		41.0-38.9-37.5	
	COP (kW/kW)	3.61		3.62	
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 ~ 150% of outdoor unit capacity			
	Model/Quantity	P15 ~ P250 / 2 ~ 50 (Connectable branch pipe number is max. 48.)			
Sound pressure level (measured in anechoic room)	dB<A>	62.5		63	
Diameter of refrigerant pipe	High pressure	ø28.58 (ø1-1/8) Brazed		ø28.58 (ø1-1/8) Brazed	
	Low pressure	ø28.58 (ø1-1/8) Brazed		ø34.93 (ø1-3/8) Brazed	
Model		PURY-P300YHM-A(-BS)	PURY-P350YHM-A(-BS)	PURY-P300YHM-A(-BS)	PURY-P400YHM-A(-BS)
External finish		Pre-coated galvanized steel sheets (+ powder coating for-BS type) <MUNSELL 5Y 8/1>			
External dimension H X W X D	mm	1,710(1,650 without legs) X 920 X 760	1,710(1,650 without legs) X 1,220 X 760	1,710(1,650 without legs) X 920 X 760	1,710(1,650 without legs) X 1,220 X 760
	in.	67.3(65 without legs) X 36.1/4 X 29.1/16	67.3(65 without legs) X 48.1/16 X 29.1/16	67.3(65 without legs) X 36.1/4 X 29.1/16	67.3(65 without legs) X 48.1/16 X 29.1/16
Net weight	kg(lbs)	240 (529)	265 (584)	240 (529)	265 (584)
Heat exchanger		Salt-resistant cross fin & copper tube			
Compressor	Type	Inverter scroll hermetic compressor			
	Starting method	Inverter			
FAN	Motor output	kW	8.2	10.3	8.2
		m³/min	185	225	185
	Air flow rate	L/s	3,083	3,750	3,083
		cfm	6,532	7,945	6,532
	Type X Quantity	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1
Protection	Motor output	kW	0.92	0.92	0.92
	High pressure protection	High pressure sensor, High pressure switch 4.15 MPa (601 psi)			
Refrigerant	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection			
	Compressor	Over-heat protection			
Pipe between unit distributor	Type X Original charge	R410A X 10.5kg (24 lbs)	R410A X 11.8kg (26 lbs)	R410A X 10.5kg (24 lbs)	R410A X 11.8kg (26 lbs)
	High pressure	ø19.05 (ø3/4) Brazed	ø19.05 (ø3/4) Brazed	ø19.05 (ø3/4) Brazed	ø22.2 (ø7/8) Brazed
	Low pressure	ø22.2 (ø7/8) Brazed	ø28.58 (ø1-1/8) Brazed	ø22.2 (ø7/8) Brazed	ø28.58 (ø1-1/8) Brazed
Optional parts	Outdoor Twinning kit : CMY-R100VBK				
	joint : CMY-Y102S-G2, CMY-Y102L-G2, CMY-Y202-G2, CMY-R160-J Main BC controller : CMB-P108, 1010, 1013, 1016V-GA Sub BC controller : CMB-P104, 108V-GB, CMB-P1016V-HB				
	Outdoor Twinning kit : CMY-R200VBK				
	joint : CMY-Y102S-G2, CMY-Y102L-G2, CMY-Y202-G2, CMY-R160-J Main BC controller : CMB-P1016V-HA Sub BC controller : CMB-P104, 108V-GB, CMB-P1016V-HB				

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

R2 Series

PURY-P YSHM-A(-BS)



► Specifications

Set name		PURY-P750YSHM-A(-BS)		PURY-P800YSHM-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	27.86		29.75	
	Current input A	47.0-44.6-43.0		50.2-47.7-45.9	
COP (kW/kW)		3.05		3.02	
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	95.0		100.0	
	#2 BTU/h	324,100		341,200	
	Power input kW	26.36		27.64	
	Current input A	44.4-42.2-40.7		46.6-44.3-42.7	
COP (kW/kW)		3.60		3.61	
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		50 ~ 150% of outdoor unit capacity			
Model/Quantity		P15 ~ P250 / 2 ~ 50 (Connectable branch pipe number is max. 48.)			
Sound pressure level (measured in anechoic room)		dB<A> 63.5		64	
Diameter of refrigerant pipe	High pressure mm(in.)	ø28.58 (ø1-1/8) Brazed		ø28.58 (ø1-1/8) Brazed	
	Low pressure mm(in.)	ø34.93 (ø1-3/8) Brazed		ø34.93 (ø1-3/8) Brazed	
Model		PURY-P350YHM-A(-BS)	PURY-P400YHM-A(-BS)	PURY-P400YHM-A(-BS)	PURY-P400YHM-A(-BS)
External finish		Pre-coated galvanized steel sheets (+ powder coating for-BS type) <MUNSELL 5Y 8/1>			
External dimension H X W X D		mm 1,710(1,650 without legs) X 1,220 X 760	1,710(1,650 without legs) X 1,220 X 760	1,710(1,650 without legs) X 1,220 X 760	1,710(1,650 without legs) X 1,220 X 760
		in. 67.3(65 without legs) X 48-1/16 X 29-15/16	67.3(65 without legs) X 48-1/16 X 29-15/16	67.3(65 without legs) X 48-1/16 X 29-15/16	67.3(65 without legs) X 48-1/16 X 29-15/16
Net weight		kg(lbs) 265 (584)	265 (584)	265 (584)	265 (584)
Heat exchanger		Salt-resistant cross fin & copper tube			
Compressor	Type	Inverter scroll hermetic compressor			
	Starting method	Inverter			
FAN	Motor output kW	10.3	10.5	10.5	10.5
	m³/min	225	225	225	225
	Air flow rate L/s	3,750	3,750	3,750	3,750
	cfm	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
Motor output kW		0.92	0.92	0.92	0.92
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		Over-heat protection			
Pipe between unit distributor	Type X Original charge	R410A X 11.8kg (26 lbs)	R410A X 11.8kg (26 lbs)	R410A X 11.8kg (26 lbs)	R410A X 11.8kg (26 lbs)
	High pressure mm(in.)	ø19.05 (ø3/4) Brazed	ø22.2 (ø7/8) Brazed	ø22.2 (ø7/8) Brazed	ø22.2 (ø7/8) Brazed
	Low pressure mm(in.)	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed
Outdoor Twinning kit : CMY-R200VBK joint : CMY-Y102S-G2, CMY-Y102L-G2, CMY-Y202-G2, CMY-R160-J Main BC controller : CMB-P1016V-HA Sub BC controller : CMB-P104, 108V-GB, CMB-P1016V-HB					

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