

1. SPECIFICATIONS

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P200YNW-A1 (-BS)		
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity	*1, 3	kW	22.4		
		BTU/h	76,400		
	Power input	kW	5.62		
	Current input	A	9.4-9.0-8.6		
	EER	kW/kW	3.98		
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	*2, 3	kW	25.0		
		BTU/h	85,300		
	Power input	kW	5.98		
	Current input	A	10.0-9.5-9.2		
	COP	kW/kW	4.18		
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)		
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)		
Indoor unit connectable	Total capacity		50~150%		
	Model/Quantity		P10~P250/1~20		
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	59.0/59.0		
Sound power level (measured in anechoic room) *4		dB <A>	76/78		
Refrigerant	High pressure	mm (in.)	15.88 (5/8) Brazed		
piping diameter	Low pressure	mm (in.)	19.05 (3/4) Brazed		
FAN	Type x Quantity		Propeller fan x 1		
	Air flow rate	m ³ /min	170		
		L/s	2,833		
		cfm	6,003		
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 1		
	*6 External static press.		0 Pa (0 mmH ₂ O)		
Compressor	Type		Inverter scroll hermetic compressor		
	Starting method		Inverter		
	Motor output	kW	3.7		
	Case heater	kW	-		
	Lubricant		MEL32		
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 920 x 740		
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-current protection		
	Compressor		-		
	Fan motor		-		
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)		
	Control		Indoor LEV and BC controller		
Net weight		kg (lbs)	219 (483)		
Heat exchanger			Salt-resistant cross fin & copper tube		
HIC circuit (HIC: Heat Inter-Changer)			-		
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)		
Drawing	External		WKB94C2SJ		
	Wiring		WKE94L023		
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts			Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 BC controller: CMB-M104,106,108,1012,1016V-J1 Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1		
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 (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P250YNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	28.0	
		BTU/h	95,500	
	Power input	kW	7.46	
	Current input	A	12.5-11.9-11.5	
	EER	kW/kW	3.75	
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	*2, 3	kW	31.5	
		BTU/h	107,500	
	Power input	kW	7.68	
	Current input	A	12.9-12.3-11.8	
	COP	kW/kW	4.10	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150%	
	Model/Quantity		P10~P250/1~25	
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	60.5/61.0	
Sound power level (measured in anechoic room) *4		dB <A>	78/80	
Refrigerant	High pressure	mm (in.)	19.05 (3/4) Brazed	
piping diameter	Low pressure	mm (in.)	22.2 (7/8) Brazed	
FAN	Type x Quantity		Propeller fan x 1	
	Air flow rate	m ³ /min	185	
		L/s	3,083	
		cfm	6,532	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1	
	*6 External static press.		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor	
	Starting method		Inverter	
	Motor output	kW	5.5	
	Case heater	kW	-	
	Lubricant		MEL32	
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 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)	
	Control		Indoor LEV and BC controller	
Net weight		kg (lbs)	228 (503)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		WKB94C2SJ	
	Wiring		WKE94L023	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 BC controller: CMB-M104,106,108,1012,1016V-J1 Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1	
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 (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- In case of connecting PLFY-P**VEM type indoor unit
- 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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P300YNW-A1 (-BS)			
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz			
Cooling capacity		*1, 3	kW	33.5		
			BTU/h	114,300		
			Power input	kW	9.15	
			Current input	A	15.4-14.6-14.1	
			EER	kW/kW	3.66	
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		*2, 3	kW	37.5		
			BTU/h	128,000		
			Power input	kW	9.97	
			Current input	A	16.8-15.9-15.4	
			COP	kW/kW	3.76	
Temp. range of heating		Indoor	D.B.	15.0~27.0°C (59~81°F)		
		Outdoor	W.B.	-20.0~15.5°C (-4~60°F)		
Indoor unit connectable		Total capacity		50~150%		
		Model/Quantity		P10~P250/1~30		
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>	80/86		
Refrigerant	High pressure	mm (in.)	19.05 (3/4) Brazed			
piping diameter	Low pressure	mm (in.)	22.2 (7/8) Brazed			
FAN		Type x Quantity		Propeller fan x 1		
		Air flow rate		m ³ /min	240	
				L/s	4,000	
				cfm	8,474	
		Control, Driving mechanism		Inverter-control, Direct-driven by motor		
		Motor output		kW	0.92 x 1	
		*6 External static press.		0 Pa (0 mmH ₂ O)		
Compressor		Type		Inverter scroll hermetic compressor		
		Starting method		Inverter		
		Motor output	kW	7.3		
		Case heater	kW	-		
		Lubricant		MEL32		
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 920 x 740			
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16			
Protection devices		High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
		Inverter circuit (COMP./FAN)		Over-current protection		
		Compressor		-		
		Fan motor		-		
Refrigerant		Type x original charge		R410A x 5.2 kg (12 lbs)		
		Control		Indoor LEV and BC controller		
Net weight		kg (lbs)	232 (512)			
Heat exchanger			Salt-resistant cross fin & copper tube			
HIC circuit (HIC: Heat Inter-Changer)			-			
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing		External		WKB94C2SJ		
		Wiring		WKE94L023		
Standard attachment		Document		Installation Manual		
		Accessory		-		
Optional parts			Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 BC controller: CMB-M104,106,108,1012,1016V-J1 Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1			
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 (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P350YNW-A1 (-BS)		
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity	*1, 3	kW	40.0		
		BTU/h	136,500		
		Power input	kW	10.86	
		Current input	A	18.3-17.4-16.7	
		EER	kW/kW	3.68	
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	*2, 3	kW	45.0		
		BTU/h	153,500		
		Power input	kW	11.50	
		Current input	A	19.4-18.4-17.7	
		COP	kW/kW	3.91	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)		
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)		
Indoor unit connectable	Total capacity		50~150%		
	Model/Quantity		P10~P250/1~35		
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	62.5/64.0		
Sound power level (measured in anechoic room) *4		dB <A>	81/83		
Refrigerant piping diameter	High pressure	mm (in.)	19.05 (3/4) Brazed		
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed		
FAN	Type x Quantity		Propeller fan x 2		
	Air flow rate	m³/min	250		
		L/s	4,167		
		cfm	8,828		
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		
	Motor output	kW	0.46 x 2		
	*6	External static press.		0 Pa (0 mmH₂O)	
Compressor	Type		Inverter scroll hermetic compressor		
	Starting method		Inverter		
	Motor output	kW	8.7		
	Case heater	kW	-		
	Lubricant		MEL32		
	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 1,240 x 740		
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16		
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-current protection		
	Compressor		-		
	Fan motor		-		
Refrigerant	Type x original charge		R410A x 8.0 kg (18 lbs)		
	Control		Indoor LEV and BC controller		
Net weight		kg (lbs)	277 (611)		
Heat exchanger			Salt-resistant cross fin & copper tube		
HIC circuit (HIC: Heat Inter-Changer)			-		
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)		
Drawing	External		WKB94C2SK		
	Wiring		WKE94L024		
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts			Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 BC controller: CMB-M104,106,108,1012,1016V-J1 Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1		
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 (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h = kW x 3,412
2. Nominal heating conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm = m ³ /min x 35.31
3. In case of connecting PLFY-P**VEM type indoor unit		lbs = kg/0.4536
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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P400YNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	45.0	
		BTU/h	153,500	
	Power input	kW	12.93	
	Current input	A	21.8-20.7-19.9	
	EER	kW/kW	3.48	
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	*2, 3	kW	50.0	
		BTU/h	170,600	
	Power input	kW	13.92	
	Current input	A	23.4-22.3-21.5	
	COP	kW/kW	3.59	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150%	
	Model/Quantity		P10~P250/1~40	
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	65 .0/69.0	
Sound power level (measured in anechoic room) *4		dB <A>	83/88	
Refrigerant	High pressure	mm (in.)	22.2 (7/8) Brazed	
piping diameter	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	
FAN	Type x Quantity		Propeller fan x 2	
	Air flow rate	m ³ /min	315	
		L/s	5,250	
		cfm	11,123	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x 2	
	*6 External static press.		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor	
	Starting method		Inverter	
	Motor output	kW	11.7	
	Case heater	kW	-	
	Lubricant		MEL32	
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 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R410A x 8.0 kg (18 lbs)	
	Control		Indoor LEV and BC controller	
Net weight		kg (lbs)	277 (611)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		WKB94C2SK	
	Wiring		WKE94L024	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1	
			Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1	
			Sub BC controller: CMB-M104,108V-KB1	
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 (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P450YNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	50.0	
		BTU/h	170,600	
	Power input	kW	14.92	
	Current input	A	25.1-23.9-23.0	
	EER	kW/kW	3.35	
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	*2, 3	kW	56.0	
		BTU/h	191,100	
	Power input	kW	16.47	
	Current input	A	27.8-26.4-25.4	
	COP	kW/kW	3.40	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150%	
	Model/Quantity		P10~P250/1~45	
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	65.5/70.0	
Sound power level (measured in anechoic room) *4		dB <A>	83/89	
Refrigerant	High pressure	mm (in.)	22.2 (7/8) Brazed	
piping diameter	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	
FAN	Type x Quantity		Propeller fan x 2	
	Air flow rate	m ³ /min	315	
		L/s	5,250	
		cfm	11,123	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x 2	
	*6 External static press.		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor	
	Starting method		Inverter	
	Motor output	kW	12.4	
	Case heater	kW	-	
	Lubricant		MEL32	
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 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)	
	Control		Indoor LEV and BC controller	
Net weight		kg (lbs)	296 (653)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		WKB94C2SK	
	Wiring		WKE94L024	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1	
			Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1	
			Sub BC controller: CMB-M104,108V-KB1	
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 (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- In case of connecting PLFY-P**VEM type indoor unit
- 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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P500YNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	56.0	
		BTU/h	191,100	
	Power input	kW	16.23	
	Current input	A	27.3-26.0-25.0	
	EER	kW/kW	3.45	
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	*2, 3	kW	63.0	
		BTU/h	215,000	
	Power input	kW	16.23	
	Current input	A	27.3-26.0-25.0	
	COP	kW/kW	3.88	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150%	
	Model/Quantity		P10~P250/1~50	
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	63.5/64.5	
Sound power level (measured in anechoic room) *4		dB <A>	82/84	
Refrigerant	High pressure	mm (in.)	22.2 (7/8) Brazed	
piping diameter	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	
FAN	Type x Quantity		Propeller fan x 2	
	Air flow rate	m ³ /min	295	
		L/s	4,917	
		cfm	10,416	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 2	
	*6 External static press.		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor	
	Starting method		Inverter	
	Motor output	kW	14.2	
	Case heater	kW	-	
	Lubricant		MEL32	
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 1,750 x 740	
		in.	73-3/16 (70-13/16 without legs) x 68-15/16 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)	
	Control		Indoor LEV and BC controller	
Net weight		kg (lbs)	340 (750)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		WKB94C2SL	
	Wiring		WKE94L022	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1	
			Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1	
			Sub BC controller: CMB-M104,108V-KB1	
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 (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P400YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	45.0	
		BTU/h	153,500	
	Power input	kW	11.65	
		A	19.6-18.6-18.0	
		EER	3.86	
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	*2, 3	kW	50.0	
		BTU/h	170,600	
	Power input	kW	12.34	
		A	20.8-19.7-19.0	
		COP	4.05	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/1~40	
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	62.0/62.0	
Sound power level (measured in anechoic room) *4		dB <A>	79/81	
Refrigerant piping diameter	High pressure		22.2 (7/8) Brazed	
	Low pressure		28.58 (1-1/8) Brazed	

Set Model			PURY-P200YNW-A1 (-BS)		PURY-P200YNW-A1 (-BS)	
Model			Propeller fan x 1		Propeller fan x 1	
FAN	Type x Quantity		170		170	
	Air flow rate	m ³ /min	2,833		2,833	
		L/s	6,003		6,003	
		cfm				
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1		0.92 x 1	
*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	3.7		3.7	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
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 920 x 740		1,858 (1,798 without legs) x 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)		R410A x 5.2 kg (12 lbs)	
	Control		Indoor LEV and BC controller			
Net weight		kg (lbs)	219 (483)		219 (483)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-		-	
Pipe between unit and distributor	High pressure	mm (in.)	15.88 (5/8) Brazed		15.88 (5/8) Brazed	
	Low pressure	mm (in.)	19.05 (3/4) Brazed		19.05 (3/4) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		WKB94C2SM			
	Wiring		WKE94L023		WKE94L023	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-R100VBK4 Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1			
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 (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h	=kW x 3,412
2. Nominal heating conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm	=m ³ /min x 35.31
3. In case of connecting PLFY-P**VEM type indoor unit		lbs	=kg/0.4536
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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P450YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	50.0	
		BTU/h	170,600	
	Power input	kW	13.33	
	Current input	A	22.5-21.3-20.6	
	EER	kW/kW	3.75	
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	*2, 3	kW	56.0	
		BTU/h	191,100	
	Power input	kW	13.93	
	Current input	A	23.5-22.3-21.5	
	COP	kW/kW	4.02	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/1~45	
Sound pressure level (measured in anechoic room) *4, 5			dB <A> 63.0/63.5	
Sound power level (measured in anechoic room) *4			dB <A> 81/83	
Refrigerant	High pressure	mm (in.)	22.2 (7/8) Brazed	
piping diameter	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	

Set Model				
Model			PURY-P200YNW-A1 (-BS)	PURY-P250YNW-A1 (-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1
	Air flow rate	m³/min	170	185
		L/s	2,833	3,083
		cfm	6,003	6,532
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 x 1	0.92 x 1
	*6	External static press.		0 Pa (0 mmH₂O)
Compressor	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter
	Motor output	kW	3.7	5.5
	Case heater	kW	-	-
	Lubricant		MEL32	MEL32
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 920 x 740	1,858 (1,798 without legs) x 920 x 740
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)	R410A x 5.2 kg (12 lbs)
	Control		Indoor LEV and BC controller	
Net weight		kg (lbs)	219 (483)	228 (503)
Heat exchanger			Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube
HIC circuit (HIC: Heat Inter-Changer)			-	-
Pipe between unit and distributor	High pressure	mm (in.)	15.88 (5/8) Brazed	19.05 (3/4) Brazed
	Low pressure	mm (in.)	19.05 (3/4) Brazed	22.2 (7/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		WKB94C2SM	
	Wiring		WKE94L023	WKE94L023
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Outdoor Twinning kit: CMY-R100VBK4 Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1	
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 (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit	lbs =kg/0.4536
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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P500YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	56.0	
		BTU/h	191,100	
	Power input	kW	15.38	
		Current input	25.9-24.6-23.7	
		EER	3.64	
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	*2, 3	kW	63.0	
		BTU/h	215,000	
	Power input	kW	15.82	
		Current input	26.7-25.3-24.4	
		COP	3.98	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/1~50	
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	63.5/64.0	
Sound power level (measured in anechoic room) *4		dB <A>	81/83	
Refrigerant piping diameter	High pressure		22.2 (7/8) Brazed	
	Low pressure		28.58 (1-1/8) Brazed	

Set Model

Model			PURY-P250YNW-A1 (-BS)		PURY-P250YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 1	
	Air flow rate	m³/min	185		185	
		L/s	3,083		3,083	
		cfm	6,532		6,532	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1		0.92 x 1	
*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	5.5		5.5	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
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 920 x 740		1,858 (1,798 without legs) x 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)		R410A x 5.2 kg (12 lbs)	
	Control		Indoor LEV and BC controller			
Net weight		kg (lbs)	228 (503)		228 (503)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-		-	
Pipe between unit and distributor	High pressure	mm (in.)	19.05 (3/4) Brazed		19.05 (3/4) Brazed	
	Low pressure	mm (in.)	22.2 (7/8) Brazed		22.2 (7/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		WKB94C2SM			
	Wiring		WKE94L023		WKE94L023	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-R100VBK4 Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1			
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 (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- In case of connecting PLFY-P**VEM type indoor unit
- 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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P550YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	63.0	
		BTU/h	215,000	
	Power input	kW	17.54	
	Current input	A	29.6-28.1-27.1	
	EER	kW/kW	3.59	
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	*2, 3	kW	69.0	
		BTU/h	235,400	
	Power input	kW	18.11	
	Current input	A	30.5-29.0-27.9	
	COP	kW/kW	3.81	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	64.0/68.0	
Sound power level (measured in anechoic room) *4		dB <A>	83/ 87	
Refrigerant	High pressure	mm (in.)	22.2 (7/8) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m)	
piping diameter	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	

Set Model

Model			PURY-P250YNW-A1 (-BS)		PURY-P300YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 1	
	Air flow rate	m³/min	185		240	
		L/s	3,083		4,000	
		cfm	6,532		8,474	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1		0.92 x 1	
*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	5.5		7.3	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
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 920 x 740		1,858 (1,798 without legs) x 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)		R410A x 5.2 kg (12 lbs)	
	Control		Indoor LEV and BC controller			
Net weight		kg (lbs)	228 (503)		232 (512)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-		-	
Pipe between unit and distributor	High pressure	mm (in.)	19.05 (3/4) Brazed		19.05 (3/4) Brazed	
	Low pressure	mm (in.)	22.2 (7/8) Brazed		22.2 (7/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		WKB94C2SM			
	Wiring		WKE94L023		WKE94L023	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-R100VBK4 Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1			
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. When the high pressure piping length is 65 m or less, use 7/8 (22.2) pipe. When the high pressure piping length exceeds 65 m, use 7/8 (22.2) pipe until 65 m, use 1-1/8 (28.58) pipe for the part that exceeds 65 m.			

Notes:		Unit converter	
1.Nominal cooling conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h	=kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm	=m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs	=kg/0.4536
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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P600YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	69.0	
		BTU/h	235,400	
	Power input	kW	19.43	
		Current input	32.8-31.1-30.0	
		EER	3.55	
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	*2, 3	kW	76.5	
		BTU/h	261,000	
	Power input	kW	20.95	
		Current input	35.3-33.5-32.3	
		COP	3.65	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	64.0/70.0	
Sound power level (measured in anechoic room) *4		dB <A>	83/89	
Refrigerant piping diameter	High pressure	mm (in.)	22.2 (7/8) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m)	
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	

Set Model

Model			PURY-P300YNW-A1 (-BS)		PURY-P300YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 1	
	Air flow rate	m³/min	240		240	
		L/s	4,000		4,000	
		cfm	8,474		8,474	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1		0.92 x 1	
*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	7.3		7.3	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
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 920 x 740		1,858 (1,798 without legs) x 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)		R410A x 5.2 kg (12 lbs)	
	Control		Indoor LEV and BC controller			
Net weight		kg (lbs)	232 (512)		232 (512)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-		-	
Pipe between unit and distributor	High pressure	mm (in.)	19.05 (3/4) Brazed		19.05 (3/4) Brazed	
	Low pressure	mm (in.)	22.2 (7/8) Brazed		22.2 (7/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		WKB94C2SM			
	Wiring		WKE94L023		WKE94L023	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-R100VBK4 Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1			
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. When the high pressure piping length is 65 m or less, use 7/8 (22.2) pipe. When the high pressure piping length exceeds 65 m, use 7/8 (22.2) pipe until 65 m, use 1-1/8 (28.58) pipe for the part that exceeds 65 m.			

Notes:

- Nominal cooling conditions (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- In case of connecting PLFY-P**VEM type indoor unit
- 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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P650YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	73.0	
		BTU/h	249,100	
	Power input	kW	20.50	
	Current input	A	34.6-32.8-31.6	
	EER	kW/kW	3.56	
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	*2, 3	kW	81.5	
		BTU/h	278,100	
	Power input	kW	21.90	
	Current input	A	36.9-35.1-33.8	
	COP	kW/kW	3.72	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4, 5			65.0/69.0	
Sound power level (measured in anechoic room) *4			dB <A> 84/88	
Refrigerant piping diameter	High pressure	mm (in.)	28.58 (1-1/8) Brazed	
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	

Set Model						
Model			PURY-P300YNW-A1 (-BS)		PURY-P350YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 2	
	Air flow rate	m³/min	240		250	
		L/s	4,000		4,167	
		cfm	8,474		8,828	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1		0.46 x 2	
	*6	External static press.		0 Pa (0 mmH₂O)		0 Pa (0 mmH₂O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	7.3		8.7	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
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 920 x 740		1,858 (1,798 without legs) x 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)		R410A x 8.0 kg (18 lbs)	
	Control		Indoor LEV and BC controller			
Net weight		kg (lbs)	232 (512)		277 (611)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-		-	
Pipe between unit and distributor	High pressure	mm (in.)	19.05 (3/4) Brazed		19.05 (3/4) Brazed	
	Low pressure	mm (in.)	22.2 (7/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		WKB94C2SN			
	Wiring		WKE94L023		WKE94L024	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-R100VBK4 Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1			
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 (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P700YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	80.0	
		BTU/h	273,000	
	Power input	kW	22.47	
		Current input	37.9-36.0-34.7	
		EER	3.56	
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	*2, 3	kW	88.0	
		BTU/h	300,300	
	Power input	kW	23.21	
		Current input	39.1-37.2-35.8	
		COP	3.79	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	65.5/67.0	
Sound power level (measured in anechoic room) *4		dB <A>	84/86	
Refrigerant piping diameter	High pressure		28.58 (1-1/8) Brazed	
	Low pressure		34.93 (1-3/8) Brazed	

Set Model

Model			PURY-P350YNW-A1 (-BS)		PURY-P350YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m³/min	250		250	
		L/s	4,167		4,167	
		cfm	8,828		8,828	
	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	
*6	External static press.		0 Pa (0 mmH₂O)		0 Pa (0 mmH₂O)	
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	8.7		8.7	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
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 1,240 x 740		1,858 (1,798 without legs) x 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16		73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 8.0 kg (18 lbs)		R410A x 8.0 kg (18 lbs)	
	Control		Indoor LEV and BC controller			
Net weight		kg (lbs)	277 (611)		277 (611)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-		-	
Pipe between unit and distributor	High pressure	mm (in.)	19.05 (3/4) Brazed		19.05 (3/4) Brazed	
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		WKB94C2SP			
	Wiring		WKE94L024		WKE94L024	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-R200VBK4 Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1 Main BC controller: CMB-M108, 1012, 1016V-JA1, CMB-P1016V-KA1 Sub BC controller: CMB-M104, 108V-KB1			
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 (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- In case of connecting PLFY-P**VEM type indoor unit
- 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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P750YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	85.0	
		BTU/h	290,000	
	Power input	kW	24.56	
	Current input	A	41.4-39.3-37.9	
	EER	kW/kW	3.46	
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	*2, 3	kW	95.0	
		BTU/h	324,100	
	Power input	kW	26.09	
	Current input	A	44.0-41.8-40.3	
	COP	kW/kW	3.64	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4, 5			dB <A> 67.0/70.5	
Sound power level (measured in anechoic room) *4			dB <A> 86/90	
Refrigerant piping diameter	High pressure	mm (in.)	28.58 (1-1/8) Braze	
	Low pressure	mm (in.)	34.93 (1-3/8) Braze	

Set Model				
Model			PURY-P350YNW-A1 (-BS)	PURY-P400YNW-A1 (-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Air flow rate	m ³ /min	250	315
		L/s	4,167	5,250
		cfm	8,828	11,123
	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
*6	External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter
	Motor output	kW	8.7	11.7
	Case heater	kW	-	-
	Lubricant		MEL32	MEL32
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 1,240 x 740	1,858 (1,798 without legs) x 1,240 x 740
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)
	Control		Indoor LEV and BC controller	
Net weight	kg (lbs)		277 (611)	277 (611)
Heat exchanger			Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube
HIC circuit (HIC: Heat Inter-Changer)			-	-
Pipe between unit and distributor	High pressure	mm (in.)	19.05 (3/4) Brazed	22.2 (7/8) Brazed
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		WKB94C2SP	
	Wiring		WKE94L024	WKE94L024
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Outdoor Twinning kit: CMY-R200VBK4 Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1	
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 (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit	lbs =kg/0.4536
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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P800YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	90.0	
		BTU/h	307,100	
	Power input	kW	26.62	
		Current input	44.9-42.6-41.1	
		EER	3.38	
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	*2, 3	kW	100.0	
		BTU/h	341,200	
	Power input	kW	28.73	
		Current input	48.5-46.0-44.4	
		COP	3.48	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	68.0/72.0	
Sound power level (measured in anechoic room) *4		dB <A>	86/91	
Refrigerant piping diameter	High pressure		28.58 (1-1/8) Brazed	
	Low pressure		34.93 (1-3/8) Brazed	

Set Model

Model			PURY-P400YNW-A1 (-BS)		PURY-P400YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m³/min	315		315	
		L/s	5,250		5,250	
		cfm	11,123		11,123	
	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	
*6 External static press.			0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	11.7		11.7	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
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 1,240 x 740		1,858 (1,798 without legs) x 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16		73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 8.0 kg (18 lbs)		R410A x 8.0 kg (18 lbs)	
	Control		Indoor LEV and BC controller			
Net weight		kg (lbs)	277 (611)		277 (611)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-		-	
Pipe between unit and distributor	High pressure	mm (in.)	22.2 (7/8) Brazed		22.2 (7/8) Brazed	
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		WKB94C2SP			
	Wiring		WKE94L024		WKE94L024	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-R200VBK4 Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1			
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 (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- In case of connecting PLFY-P**VEM type indoor unit
- 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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P850YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	96.0	
		BTU/h	327,600	
	Power input	kW	29.00	
	Current input	A	48.9-46.5-44.8	
	EER	kW/kW	3.31	
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	*2, 3	kW	108.0	
		BTU/h	368,500	
	Power input	kW	31.85	
	Current input	A	53.7-51.0-49.2	
	COP	kW/kW	3.39	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4, 5			68.5/72.5	
Sound power level (measured in anechoic room) *4			dB <A>	
Refrigerant			mm (in.)	
piping diameter	High pressure	mm (in.)	28.58 (1-1/8) Brazed	
	Low pressure	mm (in.)	41.28 (1-5/8) Brazed	

Set Model				
Model			PURY-P400YNW-A1 (-BS)	PURY-P450YNW-A1 (-BS)
FAN	Type x Quantity		Propeller fan x 2	
	Air flow rate	m ³ /min	315	
		L/s	5,250	
		cfm	11,123	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x 2	
*6	External static press.		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor	
	Starting method		Inverter	
	Motor output	kW	11.7	
	Case heater	kW	-	
	Lubricant		MEL32	
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 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R410A x 8.0 kg (18 lbs)	
	Control		Indoor LEV and BC controller	
Net weight	kg (lbs)		277 (611)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)				-
Pipe between unit and distributor	High pressure	mm (in.)	22.2 (7/8) Brazed	
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	
Defrosting method				Auto-defrost mode (Reversed refrigerant cycle)
Drawing	External		WKB94C2SP	
	Wiring		WKE94L024	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts				Outdoor Twinning kit: CMY-R200VBK4 Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 Main BC controller: CMB-M108,1012,1016V-JA1,CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1
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 (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h	=kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm	=m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs	=kg/0.4536
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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P900YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	101.0	
		BTU/h	344,600	
	Power input	kW	31.07	
		Current input	52.4-49.8-48.0	
		EER	3.25	
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	*2, 3	kW	113.0	
		BTU/h	385,600	
	Power input	kW	34.24	
		Current input	57.8-54.9-52.9	
		COP	3.30	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	68.5/73.0	
Sound power level (measured in anechoic room) *4		dB <A>	86/92	
Refrigerant piping diameter	High pressure		28.58 (1-1/8) Brazed	
	Low pressure		41.28 (1-5/8) Brazed	

Set Model

Model			PURY-P450YNW-A1 (-BS)		PURY-P450YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m³/min	315		315	
		L/s	5,250		5,250	
		cfm	11,123		11,123	
	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	
*6	External static press.		0 Pa (0 mmH₂O)		0 Pa (0 mmH₂O)	
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	12.4		12.4	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
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 1,240 x 740		1,858 (1,798 without legs) x 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16		73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)		R410A x 10.8 kg (24 lbs)	
	Control		Indoor LEV and BC controller			
Net weight		kg (lbs)	296 (653)		296 (653)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-		-	
Pipe between unit and distributor	High pressure	mm (in.)	22.2 (7/8) Brazed		22.2 (7/8) Brazed	
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		WKB94C2SP			
	Wiring		WKE94L024		WKE94L024	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-R200VBK4 Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1 Main BC controller: CMB-M108, 1012, 1016V-JA1, CMB-P1016V-KA1 Sub BC controller: CMB-M104, 108V-KB1			
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 (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- In case of connecting PLFY-P**VEM type indoor unit
- 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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P950YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	108.0	
		BTU/h	368,500	
	Power input	kW	33.23	
	Current input	A	56.0-53.2-51.3	
	EER	kW/kW	3.25	
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	*2, 3	kW	119.5	
		BTU/h	407,700	
	Power input	kW	33.85	
	Current input	A	57.1-54.2-52.3	
	COP	kW/kW	3.53	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4, 5			dB <A>	
Sound power level (measured in anechoic room) *4			dB <A>	
Refrigerant piping diameter	High pressure	mm (in.)	28.58 (1-1/8) Brazed	
	Low pressure	mm (in.)	41.28 (1-5/8) Brazed	

Set Model				
Model			PURY-P450YNW-A1 (-BS)	PURY-P500YNW-A1 (-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Air flow rate	m ³ /min	315	295
		L/s	5,250	4,917
		cfm	11,123	10,416
	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 2
*6	External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter
	Motor output	kW	12.4	14.2
	Case heater	kW	-	-
	Lubricant		MEL32	MEL32
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 1,240 x 740	1,858 (1,798 without legs) x 1,750 x 740
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	73-3/16 (70-13/16 without legs) x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)	R410A x 10.8 kg (24 lbs)
	Control		Indoor LEV and BC controller	
Net weight		kg (lbs)	296 (653)	340 (750)
Heat exchanger			Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube
HIC circuit (HIC: Heat Inter-Changer)			-	-
Pipe between unit and distributor	High pressure	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		WKB94C2SQ	
	Wiring		WKE94L024	WKE94L022
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Outdoor Twinning kit: CMY-R200VBK4 Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 Main BC controller: CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1	
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 (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit	lbs =kg/0.4536
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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P1000YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	113.0	
		BTU/h	385,600	
	Power input	kW	33.73	
		Current input	56.9-54.0-52.1	
		EER	3.35	
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	*2, 3	kW	127.0	
		BTU/h	433,300	
	Power input	kW	33.77	
		Current input	57.0-54.1-52.2	
		COP	3.76	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	66.5/67.5	
Sound power level (measured in anechoic room) *4		dB <A>	85/87	
Refrigerant piping diameter	High pressure		28.58 (1-1/8) Brazed	
	Low pressure		41.28 (1-5/8) Brazed	

Set Model

Model			PURY-P500YNW-A1 (-BS)		PURY-P500YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m³/min	295		295	
		L/s	4,917		4,917	
		cfm	10,416		10,416	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 2		0.92 x 2	
*6 External static press.			0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	14.2		14.2	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
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 1,750 x 740		1,858 (1,798 without legs) x 1,750 x 740	
		in.	73-3/16 (70-13/16 without legs) x 68-15/16 x 29-3/16		73-3/16 (70-13/16 without legs) x 68-15/16 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)		R410A x 10.8 kg (24 lbs)	
	Control		Indoor LEV and BC controller			
Net weight		kg (lbs)	340 (750)		340 (750)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-		-	
Pipe between unit and distributor	High pressure	mm (in.)	22.2 (7/8) Brazed		22.2 (7/8) Brazed	
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		WKB94C2SR			
	Wiring		WKE94L022		WKE94L022	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-R200VBK4 Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 Main BC controller: CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1			
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 (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- In case of connecting PLFY-P**VEM type indoor unit
- 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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P1050YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	118.0	
		BTU/h	402,600	
	Power input	kW	39.73	
	Current input	A	67.0-63.7-61.4	
	EER	kW/kW	2.97	
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	*2, 3	kW	132.0	
		BTU/h	450,400	
	Power input	kW	39.52	
	Current input	A	66.7-63.3-61.0	
	COP	kW/kW	3.34	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/3~50	
Sound pressure level (measured in anechoic room) *4, 5			dB <A> 68.0/73.0	
Sound power level (measured in anechoic room) *4			dB <A> 86/91	
Refrigerant piping diameter	High pressure	mm (in.)	34.93 (1-3/8) Brazed	
	Low pressure	mm (in.)	41.28 (1-5/8) Brazed	

Set Model				
Model			PURY-P500YNW-A1 (-BS)	PURY-P550YNW-A1 (-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Air flow rate	m³/min	295	410
		L/s	4,917	6,833
		cfm	10,416	14,477
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 x 2	0.92 x 2
*6	External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter
	Motor output	kW	14.2	17.4
	Case heater	kW	-	-
	Lubricant		MEL32	MEL32
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 1,750 x 740	1,858 (1,798 without legs) x 1,750 x 740
		in.	73-3/16 (70-13/16 without legs) x 68-15/16 x 29-3/16	73-3/16 (70-13/16 without legs) x 68-15/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)	R410A x 10.8 kg (24 lbs)
	Control		Indoor LEV and BC controller	
Net weight		kg (lbs)	340 (750)	340 (750)
Heat exchanger			Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube
HIC circuit (HIC: Heat Inter-Changer)			-	-
Pipe between unit and distributor	High pressure	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		WKB94C2SR	
	Wiring		WKE94L022	WKE94L022
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Outdoor Twinning kit: CMY-R200VBK4 Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 Main BC controller: CMB-P1016V-KA1 Sub BC controller: CMB-M104,108V-KB1	
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 (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1, -2) 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.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m³/min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
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

R2-Series

PURY-P-Y(S)NW-A1

Model			PURY-P1100YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	124.0	
		BTU/h	423,100	
	Power input	kW	47.69	
		Current input	80.5-76.4-73.7	
		EER	2.60	
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	*2, 3	kW	140.0	
		BTU/h	477,700	
	Power input	kW	47.94	
		Current input	80.9-76.8-74.1	
		COP	2.92	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		P10~P250/3~50	
Sound pressure level (measured in anechoic room) *4, 5		dB <A>	69.0/73.0	
Sound power level (measured in anechoic room) *4		dB <A>	86/92	
Refrigerant	High pressure	mm (in.)	34.93 (1-3/8) Brazed	
piping diameter	Low pressure	mm (in.)	41.28 (1-5/8) Brazed	

Set Model

Model			PURY-P550YNW-A1 (-BS)		PURY-P550YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m³/min	410		410	
		L/s	6,833		6,833	
		cfm	14,477		14,477	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 2		0.92 x 2	
*6 External static press.			0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	17.4		17.4	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
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 1,750 x 740		1,858 (1,798 without legs) x 1,750 x 740	
		in.	73-3/16 (70-13/16 without legs) x 68-15/16 x 29-3/16		73-3/16 (70-13/16 without legs) x 68-15/16 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)		R410A x 10.8 kg (24 lbs)	
	Control		Indoor LEV and BC controller			
Net weight		kg (lbs)	340 (750)		340 (750)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-		-	
Pipe between unit and distributor	High pressure	mm (in.)	22.2 (7/8) Brazed		22.2 (7/8) Brazed	
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		WKB94C2SR			
	Wiring		WKE94L022		WKE94L022	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-R200VBK4 Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1 Main BC controller: CMB-P1016V-KA1 Sub BC controller: CMB-M104, 108V-KB1			
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 (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions (subject to JIS B8615-1, -2)
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.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- In case of connecting PLFY-P**VEM type indoor unit
- 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.