

1. SPECIFICATIONS

R2-Series

PUR-Y-M-Y(S)XM-A

Outdoor Model			PURY-M300YXM-A(-BS)		
Power source			3-phase 4-wire 380-400-415V 50Hz		
Cooling capacity (Nominal)	*1	kW	33.5		
		BTU/h	114,300		
	Power input	kW	9.43		
	Current input	A	15.9-15.1-14.5		
	EER	kW/kW	3.55		
	SEER	kW/kW	7.66		
Temp. range of cooling	*4	Indoor	W.B.	15.0~24.0°C (59~75°F)	
		Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	37.5		
		BTU/h	128,000		
		Power input	kW	9.61	
		Current input	A	16.2-15.4-14.8	
	(Nominal)	*3	COP	kW/kW	3.90
			kW	33.5	
			BTU/h	114,300	
			Power input	kW	7.88
			Current input	A	13.3-12.6-12.1
			COP	kW/kW	4.25
SCOP	kW/kW	4.66			
Temp. range of heating	*4	Indoor	D.B.	15.0~27.0°C (59~81°F)	
		Outdoor	W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity		
	Model/Maximum quantity		M10~M250/22		
Sound pressure level (measured in anechoic room)	*5, 6	dB <A>	60.5/63.5		
Sound power level (measured in anechoic room)		dB <A>	80/83		
Refrigerant piping diameter	High pressure	mm (in.)	19.05 (3/4) Brazed		
	Low pressure	mm (in.)	22.2 (7/8) Brazed		
FAN	*7	Type x Quantity	Propeller fan x 1		
		Air flow rate	m³/min	235	
			L/s	3,917	
			cfm	8,298	
	Control, Driving mechanism	Inverter-control, Direct-driven by motor			
	Motor output	kW	0.92 ×1		
	External static press.	0 Pa (0 mmH₂O)			
Compressor	Type x Quantity	Inverter scroll hermetic compressor ×1			
	Starting method	Inverter			
	Motor output	kW	7.4		
	Case heater	kW	-		
	Lubricant	MEL46EH			
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			
External dimension H x W x D		mm in.	1,858 (1,798 without legs) x 910 x 740 73-3/16 (70-13/16 without legs) x 35-7/8 x 29-3/16		
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		
	Compressor		-		
	Fan motor		-		
Refrigerant	Type x original charge		R32 x 8.0kg (18lbs)		
	Control		Indoor LEV and BC controller		
Net weight	kg (lbs)	266 (587)			
Heat exchanger		Salt-resistant cross fin & copper tube			
HIC circuit (HIC: Heat Inter-Changer)		-			
Defrosting method		Auto-defrost mode (Reversed refrigerant cycle, Liquid backless refrigerant cycle)			
Drawing	External	KB94CANT			
	Wiring	KE94L612			
Standard attachment	Document	Installation Manual			
	Accessory	-			
Optional parts	Joint	CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R170M-E			
	Main BC controller	CMB-M104/106/108/1012V-MA-SV(-TR)			
	Sub BC controller	CMB-M104/108V-MB-SV(-TR)			
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	BTU/h =kW x 3,412
Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B./24°C.W.B. (95°F.D.B./75°F.W.B.) (subject to EN 14511-2)	cfm =m ³ /min x 35.31
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	lbs =kg/0.4536
2.Max heating conditions	
Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) (subject to EN 14511-2)	
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	
3.Nominal heating conditions	
Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) (subject to EN 14511-2)	
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	
Eurovent registered	
4.-10 °C.D.B.(14 °F.D.B.)/-11 °C.W.B.(12 °F.W.B.) to 21 °C.D.B.(70 °F.D.B.)/15.5 °C.W.B.(60 °F.W.B.)	
with cooling/heating mixed operation.	
5.Cooling mode/Heating mode	
6.The sound pressure level measured by the conventional method in JIS for reference purpose.	
7.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.

Outdoor Model			PURY-M350YXM-A(-BS)		
Power source			3-phase 4-wire 380-400-415V 50Hz		
Cooling capacity (Nominal)	*1	kW	40.0		
		BTU/h	136,500		
	Power input	kW	11.62		
		Current input	A	19.6-18.6-17.9	
		EER	kW/kW	3.44	
		SEER	kW/kW	7.89	
Temp. range of cooling	*4	Indoor	W.B.	15.0~24.0°C (59~75°F)	
		Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	45.0		
		BTU/h	153,500		
	Power input	kW	12.64		
		Current input	A	21.3-20.2-19.5	
	(Nominal)	*3	COP	kW/kW	3.56
			kW	40.0	
		BTU/h	136,500		
			Power input	kW	10.07
		Current input	A	16.9-16.1-15.5	
		COP	kW/kW	3.97	
	SCOP	kW/kW	4.71		
	Temp. range of heating	*4	Indoor	D.B.	15.0~27.0°C (59~81°F)
Outdoor			W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable		Total capacity	50~150% of outdoor unit capacity		
		Model/Maximum quantity	M10~M250/25		
Sound pressure level (measured in anechoic room)		*5, 6	dB <A>	57.5/63.0	
Sound power level (measured in anechoic room)		*5	dB <A>	78/82	
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	220		
		L/s	3,667		
		cfm	7,768		
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		
	Motor output	kW	0.46 ×2		
	External static press.		0 Pa (0 mmH₂O)		
	Compressor		Inverter scroll hermetic compressor ×1		
Starting method		Inverter			
Motor output	kW	10.0			
	Case heater	kW	-		
Lubricant		MEL46EH			
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1207 x 740		
		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16		
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		
	Compressor		-		
	Fan motor		-		
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)		
	Control		Indoor LEV and BC controller		
Net weight		kg (lbs)	322 (710)		
Heat exchanger			Salt-resistant cross fin & copper tube		
HIC circuit (HIC: Heat Inter-Changer)			-		
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Liquid backless refrigerant cycle)		
Drawing	External	KB94CANU			
	Wiring	KE94L613			
Standard attachment	Document	Installation Manual			
	Accessory	-			
Optional parts	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R170M-E		
	Main BC controller		CMB-M104/106/108/1012V-MA-SV(-TR)		
	Sub BC controller		CMB-M104/108V-MB-SV(-TR)		
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.		

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h =kW x 3,412 cfm =m ³ /min x 35.31 lbs =kg/0.4536
2.Max heating conditions Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	
3.Nominal heating conditions Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3) Eurovent registered	
4.-10 °CD.B.(14 °FD.B.)/-11 °CW.B.(12 °FW.B.) to 21 °CD.B.(70 °FD.B.)/15.5 °CW.B.(60 °FW.B.) with cooling/heating mixed operation.	
5.Cooling mode/Heating mode	
6.The sound pressure level measured by the conventional method in JIS for reference purpose.	
7.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

PUR-Y-M-Y(S)XM-A

Outdoor Model			PUR-Y-M400YXM-A(-BS)		
Power source			3-phase 4-wire 380-400-415V 50Hz		
Cooling capacity (Nominal)	*1	kW	45.0		
		BTU/h	153,500		
	Power input	kW	13.39		
	Current input	A	22.6-21.4-20.6		
	EER	kW/kW	3.36		
	SEER	kW/kW	7.53		
Temp. range of cooling	*4	Indoor	W.B.	15.0~24.0°C (59~75°F)	
		Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	50.0		
		BTU/h	170,600		
		Power input	kW	14.04	
		Current input	A	23.7-22.5-21.7	
	(Nominal)	*3	COP	kW/kW	3.56
			kW	45.0	
			BTU/h	153,500	
			kW	11.39	
		Current input	A	19.2-18.2-17.6	
		COP	kW/kW	3.95	
		SCOP	kW/kW	4.56	
		Temp. range of heating	*4	Indoor	D.B.
Outdoor	W.B.			-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity		
	Model/Maximum quantity		M10~M250/29		
Sound pressure level (measured in anechoic room)	*5, 6	dB <A>	61.0/64.0		
Sound power level (measured in anechoic room)			82/86		
Refrigerant piping diameter	High pressure	mm (in.)	22.2 (7/8) Brazed		
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed		
FAN	*7	Type x Quantity		Propeller fan x 2	
		Air flow rate	m³/min	260	
			L/s	4,333	
			cfm	9,181	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		
	Motor output	kW	0.46 x2		
	External static press.		0 Pa (0 mmH₂O)		
	Compressor	Type x Quantity		Inverter scroll hermetic compressor x1	
Starting method		Inverter			
Motor output		kW	11.2		
Case heater		kW	-		
Lubricant		MEL46EH			
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1207 x 740		
		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16		
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		
	Compressor		-		
	Fan motor		-		
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)		
	Control		Indoor LEV and BC controller		
Net weight	kg (lbs)	327 (721)			
Heat exchanger		Salt-resistant cross fin & copper tube			
HIC circuit (HIC: Heat Inter-Changer)		-			
Defrosting method		Auto-defrost mode (Reversed refrigerant cycle, Liquid backless refrigerant cycle)			
Drawing	External	KB94CANU			
	Wiring	KE94L613			
Standard attachment	Document	Installation Manual			
	Accessory	-			
Optional parts	Joint			CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R170M-E	
	Main BC controller			CMB-M104/106/108/1012V-MA-SV(-TR)	
	Sub BC controller			CMB-M104/108V-MB-SV(-TR)	
Remarks		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB./24°CWB. (95°FDB./75°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h =kW x 3,412 cfm =m ³ /min x 35.31 lbs =kg/0.4536
2.Max heating conditions Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	
3.Nominal heating conditions Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3) Eurovent registered	
4.-10 °CDB.(14 °FDB.)/-11 °CWB.(12 °FWB.) to 21 °CDB.(70 °FDB.)/15.5 °CWB.(60 °FWB.) with cooling/heating mixed operation.	
5.Cooling mode/Heating mode	
6.The sound pressure level measured by the conventional method in JIS for reference purpose.	
7.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.

Outdoor Model			PURY-M450YXM-A(-BS)		
Power source			3-phase 4-wire 380-400-415V 50Hz		
Cooling capacity (Nominal)	*1	kW	50.0		
		BTU/h	170,600		
	Power input	kW	15.47		
		Current input	A	26.1-24.8-23.9	
		EER	kW/kW	3.23	
		SEER	kW/kW	7.43	
Temp. range of cooling	*4	Indoor	W.B.	15.0~24.0°C (59~75°F)	
		Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	56.0		
		BTU/h	191,100		
		Power input	kW	16.66	
		Current input	A	28.1-26.7-25.7	
	(Nominal)	*3	COP	kW/kW	3.36
			kW	50.0	
		BTU/h	170,600		
			Power input	kW	13.36
		Current input	A	22.5-21.4-20.6	
		COP	kW/kW	3.74	
		SCOP	kW/kW	4.45	
		Temp. range of heating	*4	Indoor	D.B.
Outdoor	W.B.			-25.0~15.5°C (-13~60°F)	
Indoor unit connectable		Total capacity		50~150% of outdoor unit capacity	
		Model/Maximum quantity		M10~M250/33	
Sound pressure level (measured in anechoic room)		*5, 6	dB <A>	63.0/68.0	
Sound power level (measured in anechoic room)		*5	dB <A>	83/89	
Refrigerant piping diameter	High pressure		mm (in.)	22.2 (7/8) Brazed	
	Low pressure		mm (in.)	28.58 (1-1/8) Brazed	
FAN	Type x Quantity		Propeller fan x 2		
	Air flow rate	m³/min		300	
		L/s		5,000	
		cfm		10,593	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		
	Motor output		kW	0.46 ×2	
	External static press.		0 Pa (0 mmH₂O)		
Compressor	Type x Quantity		Inverter scroll hermetic compressor ×1		
	Starting method		Inverter		
	Motor output		kW	13.5	
	Case heater		kW	-	
	Lubricant		MEL46EH		
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D			mm	1,858 (1,798 without legs) x 1207 x 740	
			in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		
	Compressor		-		
	Fan motor		-		
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)		
	Control		Indoor LEV and BC controller		
Net weight		kg (lbs)	327 (721)		
Heat exchanger			Salt-resistant cross fin & copper tube		
HIC circuit (HIC: Heat Inter-Changer)			-		
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Liquid backless refrigerant cycle)		
Drawing	External		KB94CANU		
	Wiring		KE94L613		
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R170M-E		
	Main BC controller		CMB-M104/106/108/1012V-MA-SV(-TR)		
	Sub BC controller		CMB-M104/108V-MB-SV(-TR)		
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.		

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB./24°CWB. (95°FDB./75°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h =kW x 3,412 cfm =m ³ /min x 35.31 lbs =kg/0.4536
2.Max heating conditions Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	
3.Nominal heating conditions Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3) Eurovent registered	
4.-10 °CD.B.(14 °FD.B.)/-11 °CW.B.(12 °FW.B.) to 21 °CD.B.(70 °FD.B.)/15.5 °CW.B.(60 °FW.B.) with cooling/heating mixed operation.	
5.Cooling mode/Heating mode	
6.The sound pressure level measured by the conventional method in JIS for reference purpose.	
7.External static pressure option is available (30 Pa, 60 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.	
	*Above specification data is subject to rounding variation.

Outdoor Model			PURY-M600YSXM-A(-BS)	
Power source			3-phase 4-wire 380-400-415V 50Hz	
Cooling capacity (Nominal)	*1	kW	67.0	
		BTU/h	228,600	
		Power input kW	19.36	
		Current input A	32.6-31.0-29.9	
		EER kW/kW	3.46	
Temp. range of cooling	*4	SEER kW/kW	7.54	
		Indoor W.B.	15.0~24.0°C (59~75°F)	
		Outdoor D.B.	-5.0~52.0°C (23~126°F)	
		Heating capacity (Max)	75.0	
		*2 kW	255,900	
(Nominal)	*3	BTU/h	19.84	
		Power input kW	33.4-31.8-30.6	
		Current input A	3.78	
		COP kW/kW	67.0	
		SCOP kW/kW	228,600	
Temp. range of heating	*4	Indoor D.B.	15.0~27.0°C (59~81°F)	
		Outdoor W.B.	-25.0~15.5°C (-13~60°F)	
		Total capacity	50~150% of outdoor unit capacity	
		Model/Maximum quantity	M10~M250/44	
		Sound pressure level (measured in anechoic room) *5, 6 dB <A>	64.0/67.0	
Sound power level (measured in anechoic room) *5	dB <A>		84/87	
Refrigerant piping diameter	High pressure mm (in.)		22.2 (7/8) Brazed (28.58 (1-1/8) Brazed, the farthest pipe length >=65 m)	
		Low pressure mm (in.)	28.58 (1-1/8) Brazed	

Set Model

Outdoor Model			PURY-M300YXM-A(-BS)	PURY-M300YXM-A(-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1
	Air flow rate	m ³ /min	235	235
		L/s	3,917	3,917
		cfm	8,298	8,298
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 ×1	0.92 ×1
	External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
	Compressor	Type x Quantity		Inverter scroll hermetic compressor ×1
Starting method		Inverter	Inverter	
Motor output		kW	7.4	7.4
Case heater		kW	-	-
Lubricant		MEL46EH	MEL46EH	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>
External dimension H x W x D		mm	1,858 (1,798 without legs) x 910 x 740	1,858 (1,798 without legs) x 910 x 740
		in.	73-3/16 (70-13/16 without legs) x 35-7/8 x 29-3/16	73-3/16 (70-13/16 without legs) x 35-7/8 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)	High pressure sensor, High pressure switch at 4.15MPa (601psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R32 x 8.0kg (18lbs)	R32 x 8.0kg (18lbs)
	Control		Indoor LEV and BC controller	
Net weight		kg (lbs)	266 (587)	266 (587)
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, Liquid backless refrigerant cycle)	
Drawing	External		KB94CANV	
	Wiring		KE94L612	KE94L612
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts	Twinning kit		CMY-R100VBK4	
	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R170M-E	
	Main BC controller		CMB-M104/106/108/1012V-MA-SV(-TR)	
	Sub BC controller		CMB-M104/108V-MB-SV(-TR)	
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:

- Nominal cooling conditions
Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Max heating conditions
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- Nominal heating conditions
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)
- 10 °C D.B. (14 °F D.B.)/-11 °C W.B. (12 °F W.B.) to 21 °C D.B. (70 °F D.B.)/15.5 °C W.B. (60 °F W.B.) with cooling/heating mixed operation.
- 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-M-Y(S)XM-A

Outdoor Model			PURY-M650YSXM-A(-BS)		
Power source			3-phase 4-wire 380-400-415V 50Hz		
Cooling capacity (Nominal)	*1	kW	73.5		
		BTU/h	250,800		
	Power input	kW	21.87		
	Current input	A	36.9-35.0-33.8		
	EER	kW/kW	3.36		
	SEER	kW/kW	7.60		
Temp. range of cooling	*4	Indoor	W.B.	15.0~24.0°C (59~75°F)	
		Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	82.5		
		BTU/h	281,500		
		Power input	kW	22.85	
		Current input	A	38.5-36.6-35.3	
	(Nominal)	*3	COP	kW/kW	3.61
			kW	73.5	
			BTU/h	250,800	
		Power input	kW	18.46	
		Current input	A	31.1-29.6-28.5	
		COP	kW/kW	3.98	
		SCOP	kW/kW	4.68	
Temp. range of heating	*4	Indoor	D.B.	15.0~27.0°C (59~81°F)	
		Outdoor	W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity		
	Model/Maximum quantity		M10~M250/47		
Sound pressure level (measured in anechoic room)	*5, 6	dB <A>	63.0/67.0		
Sound power level (measured in anechoic room)	*5	dB <A>	83/86		
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

Outdoor Model			PURY-M350YXM-A(-BS)	PURY-M300YXM-A(-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 1
	Air flow rate	m ³ /min	220	235
		L/s	3,667	3,917
		cfm	7,768	8,298
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.46 ×2	0.92 ×1
	External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor ×1	Inverter scroll hermetic compressor ×1
	Starting method		Inverter	Inverter
	Motor output	kW	10.0	7.4
	Case heater	kW	-	-
	Lubricant		MEL46EH	MEL46EH
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm 1,858 (1,798 without legs) x 1207 x 740 in. 73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	mm 1,858 (1,798 without legs) x 910 x 740 in. 73-3/16 (70-13/16 without legs) x 35-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)	High pressure sensor, High pressure switch at 4.15MPa (601psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)	R32 x 8.0kg (18lbs)
	Control		Indoor LEV and BC controller	
Net weight		kg (lbs)	322 (710)	266 (587)
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	22.2 (7/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Liquid backless refrigerant cycle)	
Drawing	External		KB94CANW	
	Wiring		KE94L613	KE94L612
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts	Twinning kit		CMY-R100VBK4	
	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R170M-E	
	Main BC controller		CMB-M104/106/108/1012V-MA-SV(-TR)	
	Sub BC controller		CMB-M104/108V-MB-SV(-TR)	
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:	Unit converter
1. Nominal cooling conditions Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h = kW x 3,412 cfm = m ³ /min x 35.31 lbs = kg/0.4536
2. Max heating conditions Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	
3. Nominal heating conditions Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	
4. -10 °C D.B. (14 °F D.B.)/-11 °C W.B. (12 °F W.B.) to 21 °C D.B. (70 °F D.B.)/15.5 °C W.B. (60 °F W.B.) with cooling/heating mixed operation.	
5. Cooling mode/Heating mode	
6. The sound pressure level measured by the conventional method in JIS for reference purpose.	
7. 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-M-V(S)XM-A

Outdoor Model			PURY-M700YSXM-A(-BS)
Power source			3-phase 4-wire 380-400-415V 50Hz
Cooling capacity (Nominal)	*1	kW	80.0
		BTU/h	273,000
	Power input	kW	23.80
	Current input	A	40.1-38.1-36.7
	EER	kW/kW	3.36
Temp. range of cooling	*4	Indoor	W.B.
		Outdoor	D.B.
			15.0~24.0°C (59~75°F)
			-5.0~52.0°C (23~126°F)
Heating capacity (Max)	*2	kW	90.0
		BTU/h	307,100
		Power input	kW
		Current input	A
		COP	kW/kW
	(Nominal) *3	kW	80.0
		BTU/h	273,000
		Power input	kW
		Current input	A
		COP	kW/kW
Temp. range of heating	*4	Indoor	D.B.
		Outdoor	W.B.
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity
	Model/Maximum quantity		M10~M250/50
Sound pressure level (measured in anechoic room)	*5, 6	dB <A>	61.0/67.0
Sound power level (measured in anechoic room)	*5	dB <A>	82/86
Refrigerant piping diameter	High pressure	mm (in.)	28.58 (1-1/8) Brazed
	Low pressure	mm (in.)	34.93 (1-3/8) Brazed

Set Model			PURY-M350YXM-A(-BS)	PURY-M350YXM-A(-BS)
Outdoor Model			PURY-M350YXM-A(-BS)	PURY-M350YXM-A(-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Air flow rate	m ³ /min	220	220
		L/s	3,667	3,667
		cfm	7,768	7,768
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.46 x2	0.46 x2
	External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x1	Inverter scroll hermetic compressor x1
	Starting method		Inverter	Inverter
	Motor output	kW	10.0	10.0
	Case heater	kW	-	-
	Lubricant		MEL46EH	MEL46EH
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>
External dimension H x W x D			mm 1,858 (1,798 without legs) x 1207 x 740	mm 1,858 (1,798 without legs) x 1207 x 740
			in. 73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	in. 73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)	High pressure sensor, High pressure switch at 4.15MPa (601psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)	R32 x 9.3kg (21lbs)
	Control		Indoor LEV and BC controller	
Net weight	kg (lbs)		322 (710)	322 (710)
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, Liquid backless refrigerant cycle)	
Drawing	External		KB94CANX	
	Wiring		KE94L613	KE94L613
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts	Twinning kit		CMY-R200VBK4	
	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R170M-E	
	Main BC controller		CMB-M104/106/108/1012V-MA-SV(-TR)	
	Sub BC controller		CMB-M104/108V-MB-SV(-TR)	
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h =kW x 3.412
2.Max heating conditions Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	cfm =m ³ /min x 35.31
3.Nominal heating conditions Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	lbs =kg/0.4536
4.-10 °C D.B./(-14 °F D.B.)/-11 °C W.B./(-12 °F W.B.) to 21 °C D.B./ (70 °F D.B.)/15.5 °C W.B./ (60 °F W.B.) with cooling/heating mixed operation.	
5.Cooling mode/Heating mode	
6.The sound pressure level measured by the conventional method in JIS for reference purpose.	
7.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-M-Y(S)XM-A

Outdoor Model			PURY-M750YSXM-A(-BS)			
Power source			3-phase 4-wire 380-400-415V 50Hz			
Cooling capacity (Nominal)	*1	kW	85.0			
		BTU/h	290,000			
		Power input	kW	25.67		
		Current input	A	43.3-41.1-39.6		
		EER	kW/kW	3.31		
		SEER	kW/kW	7.59		
Temp. range of cooling	*4	Indoor	W.B.	15.0~24.0°C (59~75°F)		
		Outdoor	D.B.	-5.0~52.0°C (23~126°F)		
Heating capacity (Max)	*2	kW	95.0			
		BTU/h	324,100			
		Power input	kW	27.53		
		Current input	A	46.4-44.1-42.5		
		COP	kW/kW	3.45		
	(Nominal)	*3	kW	85.0		
			BTU/h	290,000		
			Power input	kW	22.13	
			Current input	A	37.3-35.4-34.2	
			COP	kW/kW	3.84	
			SCOP	kW/kW	4.63	
Temp. range of heating	*4	Indoor	D.B.	15.0~27.0°C (59~81°F)		
		Outdoor	W.B.	-25.0~15.5°C (-13~60°F)		
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity			
	Model/Maximum quantity		M10~M250/50			
Sound pressure level (measured in anechoic room)		*5, 6	dB <A>	63.0/67.0		
Sound power level (measured in anechoic room)		*5	dB <A>	84/88		
Refrigerant piping diameter	High pressure	mm (in.)	28.58 (1-1/8) Brazed			
	Low pressure	mm (in.)	34.93 (1-3/8) Brazed			

Set Model

Outdoor Model			PURY-M400YXM-A(-BS)	PURY-M350YXM-A(-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Air flow rate	m ³ /min	260	220
		L/s	4,333	3,667
		cfm	9,181	7,768
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.46 ×2	0.46 ×2
	External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor ×1	Inverter scroll hermetic compressor ×1
	Starting method		Inverter	Inverter
	Motor output	kW	11.2	10.0
	Case heater	kW	-	-
	Lubricant		MEL46EH	MEL46EH
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm 1,858 (1,798 without legs) x 1207 x 740 in. 73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	mm 1,858 (1,798 without legs) x 1207 x 740 in. 73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)	High pressure sensor, High pressure switch at 4.15MPa (601psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)	R32 x 9.3kg (21lbs)
	Control		Indoor LEV and BC controller	
Net weight	kg (lbs)		327 (721)	322 (710)
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	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, Liquid backless refrigerant cycle)	
Drawing	External		KB94CANX	
	Wiring		KE94L613	KE94L613
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts	Twinning kit		CMY-R200VBK4	
	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R170M-E	
	Main BC controller		CMB-M104/106/108/1012V-MA-SV(-TR)	
	Sub BC controller		CMB-M104/108V-MB-SV(-TR)	
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB./24°CWB. (95°FDB./75°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h =kW x 3,412
2.Max heating conditions Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	cfm =m ³ /min x 35.31
3.Nominal heating conditions Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	lbs =kg/0.4536
4.-10 °CDB.(14 °FDB.)/-11 °CWB.(12 °FWB.) to 21 °CDB.(70 °FDB.)/15.5 °CWB.(60 °FWB.) with cooling/heating mixed operation.	
5.Cooling mode/Heating mode	
6.The sound pressure level measured by the conventional method in JIS for reference purpose.	
7.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.

Outdoor Model			PURY-M800YSXM-A(-BS)		
Power source			3-phase 4-wire 380-400-415V 50Hz		
Cooling capacity (Nominal)	*1	kW	90.0		
		BTU/h	307,100		
	Power input	kW	27.60		
	Current input	A	46.5-44.2-42.6		
	EER	kW/kW	3.26		
	SEER	kW/kW	7.40		
Temp. range of cooling	*4	Indoor	W.B.	15.0~24.0°C (59~75°F)	
		Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	100.0		
		BTU/h	341,200		
	Power input	kW	28.98		
	Current input	A	48.9-46.4-44.7		
	COP	kW/kW	3.45		
	(Nominal)	*3	kW	90.0	
			BTU/h	307,100	
		Power input	kW	23.49	
		Current input	A	39.6-37.6-36.3	
		COP	kW/kW	3.83	
SCOP		kW/kW	4.56		
Temp. range of heating	*4	Indoor	D.B.	15.0~27.0°C (59~81°F)	
		Outdoor	W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity		
	Model/Maximum quantity		M10-M250/50		
Sound pressure level (measured in anechoic room)	*5, 6	dB <A>	65.0/68.0		
Sound power level (measured in anechoic room)	*5	dB <A>	86/90		
Refrigerant piping diameter	High pressure	mm (in.)	28.58 (1-1/8) Brazed		
	Low pressure	mm (in.)	34.93 (1-3/8) Brazed		

Set Model

Outdoor Model			PURY-M400YXM-A(-BS)	PURY-M400YXM-A(-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Air flow rate	m ³ /min	260	260
		L/s	4,333	4,333
		cfm	9,181	9,181
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
Compressor	*7	Motor output kW	0.46 x 2	0.46 x 2
		External static press.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
		Type x Quantity	Inverter scroll hermetic compressor x1	Inverter scroll hermetic compressor x1
		Starting method	Inverter	Inverter
		Motor output kW	11.2	11.2
External finish		Case heater kW	-	-
		Lubricant	MEL46EH	MEL46EH
		Pre-coated galvanized steel sheets (+powder coating for -BS type)	Pre-coated galvanized steel sheets (+powder coating for -BS type)	Pre-coated galvanized steel sheets (+powder coating for -BS type)
		<MUNSELL 3Y 7.8/1.1 or similar>	<MUNSELL 3Y 7.8/1.1 or similar>	<MUNSELL 3Y 7.8/1.1 or similar>
		External dimension H x W x D mm	1,858 (1,798 without legs) x 1207 x 740	1,858 (1,798 without legs) x 1207 x 740
Protection devices		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16
		High pressure protection	High pressure sensor, High pressure switch at 4.15MPa (601psi)	High pressure sensor, High pressure switch at 4.15MPa (601psi)
		Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
		Compressor	-	-
		Fan motor	-	-
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)	R32 x 9.3kg (21lbs)
		Control	Indoor LEV and BC controller	
Net weight	kg (lbs)		327 (721)	327 (721)
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	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Liquid backless refrigerant cycle)	
Drawing	External		KB94CANX	KB94CANX
		Wiring	KE94L613	KE94L613
Standard attachment	Document		Installation Manual	Installation Manual
		Accessory	-	-
Optional parts	Twinning kit		CMY-R200VBK4	CMY-R200VBK4
		Joint	CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R170M-E	CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R170M-E
		Main BC controller	CMB-M104/106/108/1012V-MA-SV(-TR)	CMB-M104/106/108/1012V-MA-SV(-TR)
		Sub BC controller	CMB-M104/108V-MB-SV(-TR)	CMB-M104/108V-MB-SV(-TR)
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h =kW x 3,412
2.Max heating conditions Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	cfm =m ³ /min x 35.31
3.Nominal heating conditions Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	lbs =kg/0.4536
4.-10 °C D.B. (14 °F D.B.)/-11 °C W.B. (12 °F W.B.) to 21 °C D.B. (70 °F D.B.)/15.5 °C W.B. (60 °F W.B.) with cooling/heating mixed operation.	
5.Cooling mode/Heating mode	
6.The sound pressure level measured by the conventional method in JIS for reference purpose.	
7.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-M-Y(S)XM-A

Outdoor Model			PURY-M850YSXM-A(-BS)		
Power source			3-phase 4-wire 380-400-415V 50Hz		
Cooling capacity (Nominal)	*1	kW	95.0		
		BTU/h	324,100		
	Power input	kW	29.59		
		Current input	A	49.9-47.4-45.7	
		EER	kW/kW	3.21	
		SEER	kW/kW	7.36	
Temp. range of cooling	*4	Indoor	W.B.	15.0~24.0°C (59~75°F)	
		Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	106.0		
		BTU/h	361,700		
		Power input	kW	31.64	
		Current input	A	53.4-50.7-48.9	
	(Nominal)	*3	COP	kW/kW	3.35
			kW	95.0	
			BTU/h	324,100	
			Power input	kW	25.53
			Current input	A	43.0-40.9-39.4
			COP	kW/kW	3.72
			SCOP	kW/kW	4.50
Temp. range of heating	*4	Indoor	D.B.	15.0~27.0°C (59~81°F)	
		Outdoor	W.B.	-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity		
	Model/Maximum quantity		M10~M250/50		
Sound pressure level (measured in anechoic room)		*5, 6	dB <A>	66.0/70.0	
Sound power level (measured in anechoic room)		*5	dB <A>	86/91	
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

Outdoor Model			PURY-M450YXM-A(-BS)	PURY-M400YXM-A(-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2
	Air flow rate	m³/min	300	260
		L/s	5,000	4,333
		cfm	10,593	9,181
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.46 ×2	0.46 ×2
	External static press.		0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor ×1	Inverter scroll hermetic compressor ×1
	Starting method		Inverter	Inverter
	Motor output	kW	13.5	11.2
	Case heater	kW	-	-
	Lubricant		MEL46EH	MEL46EH
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1207 x 740	1,858 (1,798 without legs) x 1207 x 740
		in.	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16	73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15MPa (601psi)	High pressure sensor, High pressure switch at 4.15MPa (601psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R32 x 9.3kg (21lbs)	R32 x 9.3kg (21lbs)
	Control		Indoor LEV and BC controller	
Net weight	kg (lbs)		327 (721)	327 (721)
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, Liquid backless refrigerant cycle)	
Drawing	External		KB94CANX	
	Wiring		KE94L613	KE94L613
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts	Twinning kit		CMY-R200VBK4	
	Joint		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R170M-E	
	Main BC controller		CMB-M104/106/108/1012V-MA-SV(-TR)	
	Sub BC controller		CMB-M104/108V-MB-SV(-TR)	
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB./24°CWB. (95°FDB./75°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h =kW x 3,412
2.Max heating conditions Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	cfm =m ³ /min x 35.31
3.Nominal heating conditions Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	lbs =kg/0.4536
4.-10 °CDB./14 °FDB./-11 °CWB.(12 °FWB.) to 21 °CDB./70 °FDB./15.5 °CWB.(60 °FWB.) with cooling/heating mixed operation.	
5.Cooling mode/Heating mode	
6.The sound pressure level measured by the conventional method in JIS for reference purpose.	
7.External static pressure option is available (30 Pa, 60 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.	
	*Above specification data is subject to rounding variation.

Outdoor Model			PURY-M900YSXM-A(-BS)			
Power source			3-phase 4-wire 380-400-415V 50Hz			
Cooling capacity (Nominal)	*1	kW	100.0			
		BTU/h	341,200			
		Power input	kW		31.94	
		Current input	A		53.9-51.2-49.3	
		EER	kW/kW		3.13	
		SEER	kW/kW		7.30	
Temp. range of cooling	*4	Indoor	W.B.		15.0~24.0°C (59~75°F)	
		Outdoor	D.B.		-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	112.0			
		BTU/h	382,100			
		Power input	kW		34.46	
		Current input	A		58.1-55.2-53.2	
	(Nominal)	*3	COP	kW/kW		3.25
			kW	100.0		
			BTU/h	341,200		
			Power input	kW		27.62
			Current input	A		46.6-44.2-42.6
			COP	kW/kW		3.62
Temp. range of heating	*4	Indoor	D.B.		15.0~27.0°C (59~81°F)	
		Outdoor	W.B.		-25.0~15.5°C (-13~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity			
	Model/Maximum quantity		M10-M250/50			
Sound pressure level (measured in anechoic room)	*5, 6	dB <A>	67.0/72.0			
Sound power level (measured in anechoic room)	*5	dB <A>	87/93			
Refrigerant piping diameter	High pressure	mm (in.)	28.58 (1-1/8) Brazed			
	Low pressure	mm (in.)	41.28 (1-5/8) Brazed			

Outdoor Model			PURY-M450YXM-A(-BS)	PURY-M450YXM-A(-BS)
FAN	Type x Quantity	Propeller fan x 2		Propeller fan x 2
		Air flow rate		300
		m ³ /min		5,000
		L/s		10,593
		cfm		10,593
Control, Driving mechanism	*7	Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor
		Motor output kW		0.46 x 2
		External static press.		0 Pa (0 mmH ₂ O)
		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)
		Inverter scroll hermetic compressor x1		Inverter scroll hermetic compressor x1
Compressor	Starting method	Inverter		Inverter
		Motor output kW		13.5
		Case heater kW		-
		Lubricant		MEL46EH
		MEL46EH		MEL46EH
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type)	<MUNSELL 3Y 7.8/1.1 or similar>		<MUNSELL 3Y 7.8/1.1 or similar>
		Pre-coated galvanized steel sheets (+powder coating for -BS type)		Pre-coated galvanized steel sheets (+powder coating for -BS type)
		<MUNSELL 3Y 7.8/1.1 or similar>		<MUNSELL 3Y 7.8/1.1 or similar>
		1,858 (1,798 without legs) x 1207 x 740		1,858 (1,798 without legs) x 1207 x 740
		73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16		73-3/16 (70-13/16 without legs) x 47-9/16 x 29-3/16
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15MPa (601psi)		High pressure sensor, High pressure switch at 4.15MPa (601psi)
		Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection
		Compressor		Over-heat protection, Over-current protection
		Fan motor		-
		Refrigerant		-
Refrigerant	Type x original charge	R32 x 9.3kg (21lbs)		R32 x 9.3kg (21lbs)
		Indoor LEV and BC controller		Indoor LEV and BC controller
		Control		Control
		Net weight kg (lbs)		327 (721)
		Heat exchanger		Salt-resistant cross fin & copper tube
HIC circuit (HIC: Heat Inter-Changer)	High pressure	22.2 (7/8) Brazed		22.2 (7/8) Brazed
		28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed
		Pipe between unit and distributor		Pipe between unit and distributor
		Low pressure mm (in.)		Low pressure mm (in.)
		Defrosting method		Auto-defrost mode (Reversed refrigerant cycle, Liquid backless refrigerant cycle)
Drawing	External	KB94CANX		KB94CANX
		Wiring		KE94L613
		Standard attachment		Installation Manual
		Accessory		-
		Optional parts		CMY-R200VBK4
Remarks	Joint	CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R170M-E		CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R170M-E
		Main BC controller		CMB-M104/106/108/1012V-MA-SV(-TR)
		Sub BC controller		CMB-M104/108V-MB-SV(-TR)
		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual.		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.		Due to continuing improvement, above specifications may be subject to change without notice.

Notes:	Unit converter
1.Nominal cooling conditions Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	BTU/h =kW x 3,412
2.Max heating conditions Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	cfm =m ³ /min x 35.31
3.Nominal heating conditions Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) (subject to EN 14511-2) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.) (subject to EN 14511-3)	lbs =kg/0.4536
4.-10 °C D.B./(-14 °F D.B.)-11 °C W.B./(-12 °F W.B.) to 21 °C D.B./ (70 °F D.B.)/15.5 °C W.B./ (60 °F W.B.) with cooling/heating mixed operation.	
5.Cooling mode/Heating mode	
6.The sound pressure level measured by the conventional method in JIS for reference purpose.	
7.External static pressure option is available (30 Pa, 60 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O).	
Consult your dealer about the specification when setting External static pressure option.	
	*Above specification data is subject to rounding variation.