

1. SPECIFICATIONS

R2-Series

PURY-M-YNW-A1

Model			PURY-M200YNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	22.4	
		BTU/h	76,400	
	Power input	kW	5.53	
	Current input	A	9.3-8.8-8.5	
	EER	kW/kW	4.05	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	*3 Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Nominal)	*2	kW	25.0	
		BTU/h	85,300	
	Power input	kW	6.39	
	Current input	A	10.7-10.2-9.8	
	COP	kW/kW	3.91	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	*3 Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		W/WP/WL10~125/1~30	
Sound pressure level (measured in anechoic room) *4		dB <A>	59.0/59.0	
Sound power level (measured in anechoic room) *4		dB <A>	76.0/78.0	
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	
	*5 External static press.		0 Pa (0 mmH ₂ O)	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Starting method		Inverter	
	Motor output	kW	4.6	
	Case heater	kW	- (- V)	
	Lubricant		MEL46EH	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type)	
External dimension H x W x D			<MUNSELL 5Y 8/1 or similar>	
			1,858 (1,798 without legs) x 920 x 740	
			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-heat protection, Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R32 x 5.2 kg (12 lbs)	
	Control		HBC	
Net weight		kg (lbs)	227 (501)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)	
Drawing	External		WKL94T598	
	Wiring		WKE94G770	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Main-HBC: CMB-WM108,1016V-AA, CMB-WM350F-AA Sub-HBC: CMB-WM108,1016V-BB	
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 B8615-2) Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB./24°CWB. (95°FDB./75°FWB.) 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 B8615-2) Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	cfm =m ³ /min x 35.31
3.-10 °CDB.(14 °FDB.)/-11 °CWB.(12 °FWB.) to 21 °CDB.(70 °FDB.)/15.5 °CWB.(60 °FWB.) with cooling/heating mixed operation.	lbs =kg/0.4536
4.Cooling mode/Heating mode	
5.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.	
6.R32 is flammable, and certain restrictions apply to the installation of units. When installing new units, moving the existing units, or changing the layout of the room, ensure that installation restrictions are observed. For detail, refer to the section in the Databook on installation restrictions.	*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

R2-Series

Model			PURY-M250YNW-A1 (-BS)		
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	28.0		
		BTU/h	95,500		
		Power input	kW	8.40	
		Current input	A	14.1-13.4-12.9	
		EER	kW/kW	3.33	
Temp. range of cooling	*3	Indoor	W.B.		15.0~24.0°C (59~75°F)
		Outdoor	D.B.		-5.0~52.0°C (23~126°F)
Heating capacity (Nominal)	*2	kW	31.5		
		BTU/h	107,500		
		Power input	kW	9.15	
		Current input	A	15.4-14.6-14.1	
		COP	kW/kW	3.44	
Temp. range of heating	*3	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		W/WP/WL10~125/1~37		
Sound pressure level (measured in anechoic room) *4		dB <A>	60.5/61.0		
Sound power level (measured in anechoic room) *4		dB <A>	78.5/80.0		
Refrigerant piping diameter	High pressure		mm (in.)	15.88 (5/8) Brazed	
	Low pressure		mm (in.)	22.2 (7/8) Brazed	
FAN	Type x Quantity		Propeller fan x 1		
	Air flow rate	m³/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	
	*5 External static press.		0 Pa (0 mmH₂O)		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1		
	Starting method		Inverter		
	Motor output		kW	7.0	
	Case heater		kW	- (- V)	
	Lubricant		MEL46EH		
	External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension H x W x D		mm	1,858 (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-heat protection, Over-current protection		
	Compressor		-		
	Fan motor		-		
Refrigerant	Type x original charge		R32 x 5.2 kg (12 lbs)		
	Control		HBC		
Net weight		kg (lbs)	227 (501)		
Heat exchanger			Salt-resistant cross fin & copper tube		
HIC circuit (HIC: Heat Inter-Changer)			-		
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)		
Drawing	External		WKL94T598		
	Wiring		WKE94G770		
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts			Main-HBC: CMB-WM108,1016V-AA, CMB-WM350F-AA Sub-HBC: CMB-WM108,1016V-BB		
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 B8615-2) Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB./24°CWB. (95°FDB./75°FWB.) 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 B8615-2) Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.-10 °CDB.(14 °FDB.)/-11 °CWB.(12 °FWB.) to 21 °CDB.(70 °FDB.)/15.5 °CWB.(60 °FWB.) with cooling/heating mixed operation.		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.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.		
6.R32 is flammable, and certain restrictions apply to the installation of units. When installing new units, moving the existing units, or changing the layout of the room, ensure that installation restrictions are observed. For detail, refer to the section in the Databook on installation restrictions.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

R2-Series

PURY-M-YNW-A1

Model			PURY-M300YNW-A1 (-BS)	
Number of HBC			Single HBC (Horizontal type)	Double HBC (Horizontal type)/Single HBC (Vertical type)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	33.5	
		BTU/h	114,300	
	Power input	kW	11.65	9.88
	Current input	A	19.6-18.6-18.0	16.6-15.8-15.2
	EER	kW/kW	2.87	3.39
Temp. range of cooling	*3	Indoor	W.B. 15.0~24.0°C (59~75°F)	
		Outdoor	D.B. -5.0~52.0°C (23~126°F)	
Heating capacity (Nominal)	*2	kW	37.5	
		BTU/h	128,000	
	Power input	kW	11.00	10.33
	Current input	A	18.5-17.6-17.0	17.4-16.5-15.9
	COP	kW/kW	3.40	3.63
Temp. range of heating	*3	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		W/WP/WL10~125/2~45	
Sound pressure level (measured in anechoic room) *4		dB <A>	61.0/67.0	
Sound power level (measured in anechoic room) *4		dB <A>	80.0/86.5	
Refrigerant piping diameter	High pressure	mm (in.)	15.88 (5/8) Brazed	
	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	
	*5 External static press.		0 Pa (0 mmH ₂ O)	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Starting method		Inverter	
	Motor output	kW	8.0	
	Case heater	kW	- (- V)	
	Lubricant		MEL46EH	
	External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D		mm	1,858 (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-heat protection, Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R32 x 5.2 kg (12 lbs)	
	Control		HBC	
Net weight		kg (lbs)	227 (501)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)	
Drawing	External		WKL94T598	
	Wiring		WKE94G770	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Main-HBC: CMB-WM108,1016V-AA, CMB-WM350F-AA Sub-HBC: CMB-WM108,1016V-BB	
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 B8615-2) Indoor: 27°CDB./19°CWB. (81°FDB./66°FWB.), Outdoor: 35°CDB./24°CWB. (95°FDB./75°FWB.) 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 B8615-2) Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB. (45°FDB./43°FWB.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	cfm =m ³ /min x 35.31
3.-10 °CDB.(14 °FDB.)/-11 °CWB.(12 °FWB.) to 21 °CDB.(70 °FDB.)/15.5 °CWB.(60 °FWB.) with cooling/heating mixed operation.	lbs =kg/0.4536
4.Cooling mode/Heating mode	
5.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.	
6.R32 is flammable, and certain restrictions apply to the installation of units. When installing new units, moving the existing units, or changing the layout of the room, ensure that installation restrictions are observed. For detail, refer to the section in the Databook on installation restrictions.	*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

R2-Series

PURV-M-VNW-A1

Model			PURY-M350YNW-A1 (-BS)		
Number of HBC			Single HBC (Horizontal type)	Double HBC (Horizontal type)/Single HBC (Vertical type)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	40.0		
		BTU/h	136,500		
		Power input	kW	14.93	12.15
		Current input	A	25.2-23.9-23.0	20.5-19.4-18.7
		EER	kW/kW	2.67	3.29
Temp. range of cooling	*3	Indoor	W.B.	15.0~24.0°C (59~75°F)	
		Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Nominal)	*2	kW	45.0		
		BTU/h	153,500		
		Power input	kW	13.14	12.16
		Current input	A	22.1-21.0-20.3	20.5-19.5-18.7
		COP	kW/kW	3.42	3.70
Temp. range of heating	*3	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		W/WP/WL10~125/2~50		
Sound pressure level (measured in anechoic room) *4		dB <A>	62.5/64.0		
Sound power level (measured in anechoic room) *4		dB <A>	81.0/83.0		
Refrigerant	High pressure	mm (in.)	15.88 (5/8) 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	250		
		L/s	4,167		
		cfm	8,828		
		Control, Driving mechanism		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x 2		
	*5	External static press.		0 Pa (0 mmH ₂ O)	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1		
	Starting method		Inverter		
	Motor output	kW	9.6		
	Case heater	kW	- (- V)		
	Lubricant		MEL46EH		
	External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension H x W x D		mm	1,858 (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-heat protection, Over-current protection		
	Compressor		-		
	Fan motor		-		
Refrigerant	Type x original charge		R32 x 8.0 kg (18 lbs)		
	Control		HBC		
Net weight		kg (lbs)	270 (596)		
Heat exchanger			Salt-resistant cross fin & copper tube		
HIC circuit (HIC: Heat Inter-Changer)			-		
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)		
Drawing	External		WKL94T599		
	Wiring		WKE94G771		
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts			Main-HBC: CMB-WM108,1016V-AA, CMB-WM350F-AA Sub-HBC: CMB-WM108,1016V-BB		
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 B8615-2)
Indoor: 27°CDB./19°CWB.B. (81°FDB./66°FWB.B.), Outdoor: 35°CDB./24°CWB.B. (95°FDB./75°FWB.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions (subject to JIS B8615-2)
Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB.B. (45°FDB./43°FWB.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- 10 °CDB.(14 °FDB.B.)/-11 °CWB.B.(12 °FWB.B.) to 21 °CDB.(70 °FDB.B.)/15.5 °CWB.B.(60 °FWB.B.)
with cooling/heating mixed operation.
- Cooling mode/Heating mode
- 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.
- R32 is flammable, and certain restrictions apply to the installation of units.
When installing new units, moving the existing units, or changing the layout of the room,
ensure that installation restrictions are observed.
For detail, refer to the section in the Databook on installation restrictions.

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-YNW-A1

Model			PURY-M400YNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	45.0	
		BTU/h	153,500	
	Power input	kW	15.15	
	Current input	A	25.5-24.2-23.4	
	EER	kW/kW	2.97	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	*3 Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Nominal)	*2	kW	50.0	
		BTU/h	170,600	
	Power input	kW	14.08	
	Current input	A	23.7-22.5-21.7	
	COP	kW/kW	3.55	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	*3 Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		W/WP/WL10~125/2~50	
Sound pressure level (measured in anechoic room) *4		dB <A>	65.0/69.0	
Sound power level (measured in anechoic room) *4		dB <A>	83.0/88.0	
Refrigerant	High pressure	mm (in.)	19.05 (3/4) 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	
	*5 External static press.		0 Pa (0 mmH ₂ O)	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Starting method		Inverter	
	Motor output	kW	12.2	
	Case heater	kW	- (- V)	
	Lubricant		MEL46EH	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D		mm	1,858 (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-heat protection, Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R32 x 8.0 kg (18 lbs)	
	Control		HBC	
Net weight		kg (lbs)	273 (602)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		WKL94T599	
	Wiring		WKE94G771	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Main-HBC: CMB-WM108,1016V-AA, CMB-WM500F-AA Sub-HBC: CMB-WM108,1016V-BB	
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 B8615-2) 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 B8615-2) 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.-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.		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.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.		
6.R32 is flammable, and certain restrictions apply to the installation of units. When installing new units, moving the existing units, or changing the layout of the room, ensure that installation restrictions are observed. For detail, refer to the section in the Databook on installation restrictions.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

R2-Series

PURY-M-YNW-A1

Model			PURY-M450YNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
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	
Temp. range of cooling	*3	Indoor	W.B.	15.0~24.0°C (59~75°F)
		Outdoor	D.B.	-5.0~52.0°C (23~126°F)
Heating capacity (Nominal)	*2	kW	56.0	
		BTU/h	191,100	
	Power input	kW	16.18	
	Current input	A	27.3-25.9-25.0	
	COP	kW/kW	3.46	
Temp. range of heating	*3	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		W/WP/WL10~125/2~50	
Sound pressure level (measured in anechoic room) *4		dB <A>	65.5/70.0	
Sound power level (measured in anechoic room) *4		dB <A>	83.0/89.0	
Refrigerant	High pressure	mm (in.)	19.05 (3/4) Brazed	
piping diameter	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	
FAN	Type x Quantity		Propeller fan x 2	
	Air flow rate	m³/min	317	
		L/s	5,283	
		cfm	11,193	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x 2	
	*5 External static press.	0 Pa (0 mmH₂O)		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Starting method		Inverter	
	Motor output	kW	13.1	
	Case heater	kW	- (- V)	
	Lubricant		MEL46EH	
	External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D		mm	1,858 (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-heat protection, Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R32 x 10.8 kg (24 lbs)	
	Control		HBC	
Net weight		kg (lbs)	293 (646)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		WKL94T599	
	Wiring		WKE94G771	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Main-HBC: CMB-WM108,1016V-AA, CMB-WM500F-AA Sub-HBC: CMB-WM108,1016V-BB	
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 B8615-2)
Indoor: 27°CDB./19°CWB.B. (81°FDB./66°FWB.B.), Outdoor: 35°CDB./24°CWB.B. (95°FDB./75°FWB.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions (subject to JIS B8615-2)
Indoor: 20°CDB. (68°FDB.), Outdoor: 7°CDB./6°CWB.B. (45°FDB./43°FWB.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- 10 °CDB.(14 °FDB.B.)/-11 °CWB.B.(12 °FWB.B.) to 21 °CDB.(70 °FDB.B.)/15.5 °CWB.B.(60 °FWB.B.)
with cooling/heating mixed operation.
- Cooling mode/Heating mode
- 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.
- R32 is flammable, and certain restrictions apply to the installation of units.
When installing new units, moving the existing units, or changing the layout of the room,
ensure that installation restrictions are observed.
For detail, refer to the section in the Databook on installation restrictions.

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-YNW-A1

Model			PURY-M500YNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	56.0	
		BTU/h	191,100	
	Power input	kW	22.25	
	Current input	A	37.5-35.6-34.3	
	EER	kW/kW	2.51	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	*3 Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity (Nominal)	*2	kW	63.0	
		BTU/h	215,000	
	Power input	kW	18.26	
	Current input	A	30.8-29.2-28.2	
	COP	kW/kW	3.45	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	*3 Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model/Quantity		W/WP/WL10~125/2~50	
Sound pressure level (measured in anechoic room) *4		dB <A>	63.5/64.5	
Sound power level (measured in anechoic room) *4		dB <A>	82.0/84.0	
Refrigerant	High pressure	mm (in.)	19.05 (3/4) 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	
	*5 External static press.		0 Pa (0 mmH ₂ O)	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Starting method		Inverter	
	Motor output	kW	17.4	
	Case heater	kW	- (- V)	
	Lubricant		MEL46EH	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension H x W x D		mm	1,858 (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-heat protection, Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R32 x 10.8 kg (24 lbs)	
	Control		HBC	
Net weight		kg (lbs)	337 (743)	
Heat exchanger			Salt-resistant cross fin & copper tube	
HIC circuit (HIC: Heat Inter-Changer)			-	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		WKL94T600	
	Wiring		WKE94G769	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Main-HBC: CMB-WM108,1016V-AA, CMB-WM500F-AA Sub-HBC: CMB-WM108,1016V-BB	
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 B8615-2) 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 B8615-2) 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.-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.		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.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.		
6.R32 is flammable, and certain restrictions apply to the installation of units. When installing new units, moving the existing units, or changing the layout of the room, ensure that installation restrictions are observed. For detail, refer to the section in the Databook on installation restrictions.		*Above specification data is subject to rounding variation.