

1. SPECIFICATIONS

R2-Series

PURY-EM-YNW-A1

Model			PURY-EM200YNW-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	5.13	
	Current input	A	8.6-8.2-7.9	
	EER	kW/kW	4.36	
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	25.0	
		BTU/h	85,300	
	Power input	kW	6.23	
	Current input	A	10.5-9.9-9.6	
	COP	kW/kW	4.01	
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/WL10~125/1~30	
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	m³/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 mmH₂O)		
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Starting method		Inverter	
	Motor output	kW	4.5	
	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)	231 (510)	
Heat exchanger			Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			-	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)	
Drawing	External		WKL94T601	
	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:

- 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.)
- 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.)
- 10°CDB.(14°FDB.)/-11°CWB.(12°FWB.) to 21°CDB.(70°FDB.)/15.5°CWB.(60°FWB.)
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-EM-YNW-A1

Model			PURY-EM250YNW-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	7.69	
		Current input	A	12.9-12.3-11.8	
		EER	kW/kW	3.64	
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	31.5		
		BTU/h	107,500		
		Power input	kW	8.84	
		Current input	A	14.9-14.1-13.6	
		COP	kW/kW	3.56	
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/WL10~125/1~37		
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	High pressure	mm (in.)	15.88 (5/8) 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		
	*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	6.7		
	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)	231 (510)		
Heat exchanger			Salt-resistant cross fin & aluminium tube		
HIC circuit (HIC: Heat Inter-Changer)			-		
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)		
Drawing	External		WKL94T601		
	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-EM-YNW-A1

Model			PURY-EM300YNW-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	10.03	8.52
		Current input	A	16.9-16.0-15.5	14.3-13.6-13.1
		EER	kW/kW	3.33	3.93
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	10.46	9.93
		Current input	A	17.6-16.7-16.1	16.7-15.9-15.3
		COP	kW/kW	3.58	3.77
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	7.7		
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)	231 (510)		
Heat exchanger			Salt-resistant cross fin & aluminium tube		
HIC circuit (HIC: Heat Inter-Changer)			-		
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)		
Drawing	External		WKL94T601		
	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:

- 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.)
- 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.)
- 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
- 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-EM-YNW-A1

Model			PURY-EM350YNW-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	13.91	11.33
		Current input	A	23.4-22.3-21.5	19.1-18.1-17.5
		EER	kW/kW	2.87	3.53
Temp. range of cooling	*3	Indoor	15.0~24.0°C (59~75°F)		
		Outdoor	-5.0~52.0°C (23~126°F)		
Heating capacity (Nominal)	*2	kW	45.0		
		BTU/h	153,500		
		Power input	kW	13.10	12.16
		Current input	A	22.1-21.0-20.2	20.5-19.5-18.7
		COP	kW/kW	3.43	3.70
Temp. range of heating	*3	Indoor	15.0~27.0°C (59~81°F)		
		Outdoor	-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 piping diameter	High pressure		15.88 (5/8) Brazed		
	Low pressure		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)	276 (609)		
Heat exchanger			Salt-resistant cross fin & aluminium tube		
HIC circuit (HIC: Heat Inter-Changer)			-		
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)		
Drawing	External		WKL94T602		
	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:	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-EM-YNW-A1

Model			PURY-EM400YNW-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	13.84			
	Current input	A	23.3-22.1-21.3			
	EER	kW/kW	3.25			
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	50.0			
		BTU/h	170,600			
	Power input	kW	13.88			
	Current input	A	23.4-22.2-21.4			
	COP	kW/kW	3.60			
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>	65.0/69.0		
Sound power level (measured in anechoic room) *4			dB <A>	83.0/88.0		
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	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	11.1			
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 8.0 kg (18 lbs)			
	Control		HBC			
Net weight		kg (lbs)	280 (618)			
Heat exchanger			Salt-resistant cross fin & aluminium tube			
HIC circuit (HIC: Heat Inter-Changer)			-			
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)			
Drawing	External		WKL94T602			
	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

PUR-EM-YNW-A1

Model			PURY-EM450YNW-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	15.24	
	Current input	A	25.7-24.4-23.5	
	EER	kW/kW	3.28	
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	56.0	
		BTU/h	191,100	
	Power input	kW	15.77	
	Current input	A	26.6-25.2-24.3	
	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>	65.5/70.0	
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	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	12.7	
	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 1,240 x 740	
			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)	305 (673)	
Heat exchanger			Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			-	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)	
Drawing	External		WKL94T602	
	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°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-EM-YNW-A1

Model			PURY-EM500YNW-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	18.06		
	Current input	A	30.4-28.9-27.9		
	EER	kW/kW	3.10		
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	63.0		
		BTU/h	215,000		
	Power input	kW	17.45		
	Current input	A	29.4-27.9-26.9		
	COP	kW/kW	3.61		
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>	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	m³/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 mmH₂O)	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1		
	Starting method		Inverter		
	Motor output	kW	13.8		
	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)	348 (768)		
Heat exchanger			Salt-resistant cross fin & aluminium tube		
HIC circuit (HIC: Heat Inter-Changer)			-		
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle)		
Drawing	External		WKL94T603		
	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:

- 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.)
- 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.)
- 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
- 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.