

R2-Series

Standard

R32

PURY-M YNW-A1(-BS)



Model			PURY-M200YNW-A1 (-BS)		PURY-M250YNW-A1 (-BS)		PURY-M300YNW-A1 (-BS)			
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz			
Cooling capacity (Nominal)	*1	kW	22.4		28.0		33.5			
		BTU/h	76,400		95,500		114,300			
	Power input	kW	6.68		10.25		11.75			
	Current input	A	8.1-7.7-7.4		11.9-11.3-10.9		14.6-13.9-13.4			
	EER	kW/kW	3.35		2.73		2.85			
		SEER	kW/kW	7.27		6.85		6.34		
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)		15.0~24.0 °C (59~75 °F)		15.0~24.0 °C (59~75 °F)			
	Outdoor	D.B.	-5.0~52.0 °C (23~126 °F)		-5.0~52.0 °C (23~126 °F)		-5.0~52.0 °C (23~126 °F)			
Heating capacity (Max)	*2	kW	25.0		31.5		37.5			
		BTU/h	85,300		107,500		128,000			
	Power input	kW	5.27		7.32		9.35			
	Current input	A	8.8-8.4-8.1		12.3-11.7-11.3		15.7-14.9-14.4			
	COP	kW/kW	3.68		3.29		3.48			
	(Nominal)	*3	kW	22.4		28.0		33.5		
			BTU/h	76,400		95,500		114,300		
		Power input	kW	5.38		7.36		9.62		
		Current input	A	7.4-7.0-6.8		10.3-9.8-9.4		13.3-12.6-12.1		
		COP	kW/kW	4.16		3.80		3.48		
		SCOP	kW/kW	4.01		4.01				
Temp. range of heating	Indoor	D.B.	15.0~27.0 °C (59~81 °F)		15.0~27.0 °C (59~81 °F)		15.0~27.0 °C (59~81 °F)			
	Outdoor	W.B.	-20.0~15.5 °C (-4~60 °F)		-20.0~15.5 °C (-4~60 °F)		-20.0~15.5 °C (-4~60 °F)			
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity		50~150% of outdoor unit capacity		50~150% of outdoor unit capacity			
	Model / Quantity		M20~M140/1~9 *8		M20~M140/1~11 *9		M20~M140/2~14 *10			
Sound pressure level (measured in anechoic room)		*4, 5	dB <A>		59.0/59.0		60.5/61.0		61.0/67.0	
Sound power level (measured in anechoic room)		*4	dB <A>		76.0/78.0		78.5/80.0		80.0/86.5	
Refrigerant piping diameter	High pressure	mm (in.)	15.88 (5/8) Brazed		15.88 (5/8) Brazed		15.88 (5/8) Brazed			
	Low pressure	mm (in.)	19.05 (3/4) Brazed		22.2 (7/8) Brazed		22.2 (7/8) Brazed			
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 1		Propeller fan x 1			
	Air flow rate	m³/min	170		185		240			
		L/s	2,833		3,083		4,000			
		cfm	6,003		6,532		8,474			
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor			
	Motor output	kW	0.92 x 1		0.92 x 1		0.92 x 1			
	*6	External static press.	0 Pa (0 mmH₂O)		0 Pa (0 mmH₂O)		0 Pa (0 mmH₂O)			
	Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		
Starting method		Inverter		Inverter		Inverter				
Motor output		kW	3.6		5.4		7.2			
Case heater		kW	- (- V)		- (- V)		- (- V)			
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>			
External dimension HxWxD		mm	1,858 (1,798 without legs) x 920 x 740		1,858 (1,798 without legs) x 920 x 740		1,858 (1,798 without legs) x 920 x 740			
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16			
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			
	Inverter circuit (COMP/FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection			
	Compressor		-		-		-			
	Fan motor		-		-		-			
Refrigerant	Type x original charge		R32 x 5.2 kg (12 lbs)		R32 x 5.2 kg (12 lbs)		R32 x 5.2 kg (12 lbs)			
	Control		Indoor LEV and BC controller		Indoor LEV and BC controller		Indoor LEV and BC controller			
Net weight		kg (lbs)	227 (501)		227 (501)		227 (501)			
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube			
Optional parts			Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 BC controller: CMB-M104, 106, 108, 1012, 1016V-J1 Main BC controller: CMB-M108, 1012, 1016V-JA1 Sub BC controller: CMB-M104, 108V-KB1		Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 BC controller: CMB-M104, 106, 108, 1012, 1016V-J1 Main BC controller: CMB-M108, 1012, 1016V-JA1 Sub BC controller: CMB-M104, 108V-KB1		Joint: CMY-Y102SS-G2,CMY-Y102LS-G2,CMY-R160-J1 BC controller: CMB-M104, 106, 108, 1012, 1016V-J1 Main BC controller: CMB-M108, 1012, 1016V-JA1 Sub BC controller: CMB-M104, 108V-KB1			

Notes:

*1, *2, *3 Nominal conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27°C DB/19°C WB (81°F DB/66°F WB)	35°C DB/24°C WB (95°F DB/75°F WB)	7.5m (24-9/16ft.)	0m (0ft.)
Heating	20°C DB(68°F DB)	7°C DB/6°C WB(45°F DB/43°F WB)	7.5m (24-9/16ft.)	0m (0ft.)

*4 Cooling mode / Heating mode

*5 The sound pressure level measured by the conventional method in JIS for reference purpose.

*6 External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).
Consult your dealer about the specification when setting External static pressure option.

*7 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.

*8 When connecting the indoor units of M20 or M25, the maximum connectable number of indoor units is 8.

*9 When connecting the indoor units of M20 or M25, the maximum connectable number of indoor units is 10.

*10 When connecting the indoor units of M20 or M25, the maximum connectable number of indoor units is 12.

Lineup &
Functions

Y-Series

R2-Series

ZUBADAN
-Series

S-Series

BC Controllers

Ceiling
cassette typeCeiling
concealed typeCeiling
suspended typeWall-mounted
typeFloor standing
type

Functions

LOSSNAY
SystemRemote
ControllerHot Water
Solution

R2-Series High efficiency R32

PURY-EM YNW-A1(-BS)



Model			PURY-EM200YNW-A1 (-BS)	PURY-EM250YNW-A1 (-BS)	PURY-EM300YNW-A1 (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	22.4	28.0	33.5
		BTU/h	76,400	95,500	114,300
	Power input	kW	6.38	9.75	11.20
		A	7.4-7.1-6.8	11.2-10.7-10.3	13.2-12.5-12.0
		EER	3.51	2.87	2.99
		SEER	7.45	7.05	6.48
Temp. range of cooling	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
	Outdoor	D.B.	-5.0~52.0 °C (23~126 °F)	-5.0~52.0 °C (23~126 °F)	-5.0~52.0 °C (23~126 °F)
Heating capacity (Max)	*2	kW	25.0	31.5	37.5
		BTU/h	85,300	107,500	128,000
		Power input	kW	5.23	7.30
		Current input	A	8.8-8.3-8.0	12.3-11.7-11.2
	(Nominal)	COP	kW/kW	3.72	3.31
		*3	kW	22.4	33.5
		BTU/h	76,400	95,500	114,300
		Power input	kW	5.37	7.31
		Current input	A	7.3-7.0-6.7	10.3-9.7-9.4
		COP	kW/kW	4.17	3.83
		SCOP	kW/kW	3.51	3.54
		Temp. range of heating	Indoor D.B. 15.0~27.0 °C (59~81 °F) Outdoor W.B. -20.0~15.5 °C (-4~60 °F)	Indoor D.B. 15.0~27.0 °C (59~81 °F) Outdoor W.B. -20.0~15.5 °C (-4~60 °F)	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	50~150% of outdoor unit capacity	50~150% of outdoor unit capacity
	Model / Quantity		M20~M140/1~9 *8	M20~M140/1~11 *9	M20~M140/2~14 *10
Sound pressure level (measured in anechoic room)	*4, 5	dB <A>	59.0/59.0	60.5/61.0	61.0/67.0
Sound power level (measured in anechoic room)	*4	dB <A>	76.0/78.0	78.5/80.0	80.0/86.5
Refrigerant piping diameter	High pressure	mm (in.)	15.88 (5/8) Braze	15.88 (5/8) Braze	15.88 (5/8) Braze
	Low pressure	mm (in.)	19.05 (3/4) Braze	22.2 (7/8) Braze	22.2 (7/8) Braze
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m ³ /min	170	185	240
		L/s	2,833	3,083	4,000
		cfm	6,003	6,532	8,474
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output		0.92 x 1	0.92 x 1	0.92 x 1
Compressor	*6 External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter	Inverter
	Motor output		3.6	5.4	7.2
	Case heater		- (- V)	- (- V)	- (- V)
	External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) (MUNSELL 5Y 8/1 or similar)	Pre-coated galvanized steel sheets (+powder coating for -BS type) (MUNSELL 5Y 8/1 or similar)	Pre-coated galvanized steel sheets (+powder coating for -BS type) (MUNSELL 5Y 8/1 or similar)
External dimension HxWxD	mm		1,858 (1,798 without legs) x 920 x 740	1,858 (1,798 without legs) x 920 x 740	1,858 (1,798 without legs) x 920 x 740
	in.		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		-	-	-
	Fan motor		-	-	-
Refrigerant	Type x original charge		R32 x 5.2 kg (12 lbs)	R32 x 5.2 kg (12 lbs)	R32 x 5.2 kg (12 lbs)
	Control		Indoor LEV and BC controller	Indoor LEV and BC controller	Indoor LEV and BC controller
Net weight	kg (lbs)		231 (510)	231 (510)	231 (510)
Heat exchanger			Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube
Optional parts	Joint: CMY-Y102SS-G2 CMY-Y102LS-G2 CMY-R160-J1		Joint: CMY-Y102SS-G2 CMY-Y102LS-G2 CMY-R160-J1	Joint: CMY-Y102SS-G2 CMY-Y102LS-G2 CMY-R160-J1	Joint: CMY-Y102SS-G2 CMY-Y102LS-G2 CMY-R160-J1
	BC controller: CMB-M104, 106, 108, 1012, 1016V-J1 Main BC controller: CMB-M108, 1012, 1016V-JA1 Sub BC controller: CMB-M104, 108V-KB1		BC controller: CMB-M104, 106, 108, 1012, 1016V-J1 Main BC controller: CMB-M108, 1012, 1016V-JA1 Sub BC controller: CMB-M104, 108V-KB1	BC controller: CMB-M104, 106, 108, 1012, 1016V-J1 Main BC controller: CMB-M108, 1012, 1016V-JA1 Sub BC controller: CMB-M104, 108V-KB1	BC controller: CMB-M104, 106, 108, 1012, 1016V-J1 Main BC controller: CMB-M108, 1012, 1016V-JA1 Sub BC controller: CMB-M104, 108V-KB1

Notes:

*1, *2, *3 Nominal conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27°C DB/19°C WB (81°F DB/66°F WB)	35°C DB/24°C WB (95°F DB/75°F WB)	7.5m (24-9/16ft.)	0m (0ft.)
Heating	20°C DB(68°F DB)	7°C DB/6°C WB(45°F DB/43°F WB)	7.5m (24-9/16ft.)	0m (0ft.)

*4 Cooling mode / Heating mode

*5 The sound pressure level measured by the conventional method in JIS for reference purpose.

*6 External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).
Consult your dealer about the specification when setting External static pressure option.

*7 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.

*8 When connecting the indoor units of M20 or M25, the maximum connectable number of indoor units is 8.

*9 When connecting the indoor units of M20 or M25, the maximum connectable number of indoor units is 10.

*10 When connecting the indoor units of M20 or M25, the maximum connectable number of indoor units is 12.

R2-Series

Standard

R410A

PURY-P YNW-A2/TR2/RU2 (-BS)



Model			PURY-P200YNW-A2/TR2/RU2 (-BS)		PURY-P250YNW-A2/TR2/RU2 (-BS)		PURY-P300YNW-A2/TR2/RU2 (-BS)		
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	22.4		28.0		33.5		
		BTU / h	76,400		95,500		114,300		
	Power input	kW	6.68		10.25		11.75		
	Current input	A	11.2-10.7-10.3		17.3-16.4-15.8		19.8-18.8-18.1		
	EER	kW / kW	3.35		2.73		2.85		
SEER	kW / kW	7.27		6.85		6.34			
Temp. range of cooling	*4	Indoor	W.B.	15.0~24.0°C (59~75°F)		15.0~24.0°C (59~75°F)		15.0~24.0°C (59~75°F)	
		Outdoor	D.B.	-5.0~52.0°C (23~126°F)		-5.0~52.0°C (23~126°F)		-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	25.0		31.5		33.5		
		BTU / h	85,300		107,500		114,300		
	Power input	kW	6.79		9.57		9.62		
	Current input	A	11.4-10.8-10.4		16.1-15.3-14.7		16.2-15.4-14.8		
	COP	kW / kW	3.68		3.29		3.48		
	(Nominal)	*3	kW	22.4		28.0		33.5	
			BTU / h	76,400		95,500		114,300	
		Power input	kW	5.38		7.36		9.62	
		Current input	A	9.0-8.6-8.3		12.4-11.8-11.3		16.2-15.4-14.8	
		COP	kW / kW	4.16		3.80		3.80	
SCOP		kW / kW	4.01		4.01		4.01		
Temp. range of heating	*4	Indoor	D.B.	15.0~27.0°C (59~81°F)		15.0~27.0°C (59~81°F)		15.0~27.0°C (59~81°F)	
		Outdoor	W.B.	-20.0~15.5°C (-4~60°F)		-20.0~15.5°C (-4~60°F)		-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity		50~150% of outdoor unit capacity		50~150% of outdoor unit capacity		
	Model / Quantity		P10~P250, M20~M140/1~20		P10~P250, M20~M140/1~25		P10~P250, M20~M140/1~30		
Sound pressure level (measured in anechoic room)	*5, 6	dB <A>	59.0/59.0		60.5/64.0		61.0/67.0		
Sound power level (measured in anechoic room)	*5	dB <A>	76/76		78/83		80/86		
Refrigerant piping diameter	High pressure	mm (in.)	15.88 (5/8) Brazed		19.05 (3/4) Brazed		19.05 (3/4) Brazed		
	Low pressure	mm (in.)	19.05 (3/4) Brazed		22.2 (7/8) Brazed		22.2 (7/8) Brazed		
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 1		Propeller fan x 1		
Compressor	*7	Air flow rate	m³/min	170		220		240	
		L/s	2,833		3,667		4,000		
		cfm	6,003		7,768		8,474		
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 1		0.92 x 1		0.92 x 1		
	External static press.		0 Pa (0 mmH₂O)		0 Pa (0 mmH₂O)		0 Pa (0 mmH₂O)		
	Type x Quantity		Inverter scroll hermetic compressor x 1		Inverter scroll hermetic compressor x 1		Inverter scroll hermetic compressor x 1		
	Starting method		Inverter		Inverter		Inverter		
	Motor output	kW	5.0		8.0		9.2		
Case heater		kW	—		—		—		
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension HxWxD		mm	1,858 (1,798 without legs) x 920 x 740		1,858 (1,798 without legs) x 920 x 740		1,858 (1,798 without legs) x 920 x 740		
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP/FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		
	Compressor		—		—		—		
	Fan motor		—		—		—		
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)		R410A x 5.2 kg (12 lbs)		R410A x 5.2 kg (12 lbs)		
Net weight	kg (lbs)		214 (472)		223 (492)		225 (497)		
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube		
Optional parts			Joint: CMY-Y102SS-G2,CMY-Y102LS-G2, CMY-R160-J1		Joint: CMY-Y102SS-G2,CMY-Y102LS-G2, CMY-R160-J1		Joint: CMY-Y102SS-G2,CMY-Y102LS-G2, CMY-R160-J1		

Notes:

*1,*2,*3 Nominal conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27°C DB/19°C WB (81°F DB/66°F WB)	35°C DB/24°C WB (95°F DB/75°F WB)	7.5m (24-9/16ft.)	0m (0ft.)
Heating	20°C DB/68°F DB	7°C DB/6°C WB(45°F DB/43°F WB)	7.5m (24-9/16ft.)	0m (0ft.)

*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 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).

Consult your dealer about the specification when setting External static pressure option.

*Due to continuing improvement, above specifications may be subject to change without notice.

Lineup &
Functions

Y-Series

R2-Series

ZUBADAN
-Series

S-Series

BC Controllers

Ceiling
cassette typeCeiling
concealed typeCeiling
suspended typeWall-mounted
typeFloor standing
type

Functions

LOSSNAY
SystemRemote
ControllerHot Water
Solution

R2-Series

Standard

R410A

PURY-P YNW-A2/TR2/RU2 (-BS)



Model			PURY-P350YNW-A2/TR2/RU2 (-BS)	PURY-P400YNW-A2/TR2/RU2 (-BS)	PURY-P450YNW-A2/TR2/RU2 (-BS)	PURY-P500YNW-A2/TR2/RU2 (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	40.0	45.0	50.0	56.0
		BTU / h	136,500	153,500	170,600	191,100
		Power input kW	14.92	19.65	22.22	22.22
		Current input A	25.1-23.9-23.0	33.1-31.5-30.3	33.4-31.8-30.6	37.5-35.6-34.3
		EER	2.68	2.29	2.52	2.52
Temp. range of cooling	*4	SEER	5.98	5.82	6.38	6.24
		Indoor W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)
		Outdoor D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)
		Heating capacity (Max)	45.0	50.0	56.0	63.0
		BTU / h	153,500	170,600	191,100	215,000
(Nominal)	*2	Power input kW	13.88	16.66	18.79	21.14
		Current input A	23.4-22.2-21.4	28.1-26.7-25.7	31.7-30.1-29.0	35.6-33.9-32.6
		COP	3.24	3.00	2.98	2.98
		kW / kW	40.0	45.0	50.0	56.0
		BTU / h	136,500	153,500	170,600	191,100
Temp. range of heating	*4	Power input kW	10.89	13.39	15.33	16.76
		Current input A	18.3-17.4-16.8	22.6-21.4-20.6	25.8-24.5-23.6	28.2-26.8-25.9
		COP	3.67	3.36	3.26	3.34
		SCOP	3.53	3.51	3.51	3.51
		Indoor D.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)
Indoor unit connectable	*3	Outdoor W.B.	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)
		Total capacity	50~150% of outdoor unit capacity	50~150% of outdoor unit capacity	50~150% of outdoor unit capacity	50~150% of outdoor unit capacity
		Model / Quantity	P10~P250, M20~M140/1~35	P10~P250, M20~M140/1~40	P10~P250, M20~M140/1~45	P10~P250, M20~M140/1~50
		Sound pressure level (measured in anechoic room)	*5, 6 dB <A>	62.5/64.0	65.0/69.0	65.5/70.0
		Sound power level (measured in anechoic room)	*5 dB <A>	81/83	83/88	83/89
Refrigerant piping diameter	*5	High pressure mm (in.)	19.05 (3/4) Braze	22.2 (7/8) Braze	22.2 (7/8) Braze	22.2 (7/8) Braze
		Low pressure mm (in.)	28.58 (1-1/8) Braze	28.58 (1-1/8) Braze	28.58 (1-1/8) Braze	28.58 (1-1/8) Braze
		FAN	Type x Quantity	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
		Air flow rate	m ³ /min	250	315	295
		L/s	4,167	5,250	5,250	4,917
Compressor	*7	cfm	8,828	11,123	11,123	10,416
		Control, Driving mechanism	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
		Motor output kW	0.46 x 2	0.46 x 2	0.46 x 2	0.92 x 2
		External static press.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
		Type x Quantity	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
External finish	*7	Starting method	Inverter	Inverter	Inverter	Inverter
		Motor output kW	12.0	16.1	16.2	17.4
		Case heater	—	—	—	—
		Pre-coated galvanized steel sheets (+powder coating for -BS type)	<MUNSELL 5Y 8/1 or similar>	<MUNSELL 5Y 8/1 or similar>	<MUNSELL 5Y 8/1 or similar>	<MUNSELL 5Y 8/1 or similar>
		External dimension HxWxD	mm	1,858 (1,798 without legs) x 1,240 x 740	1,858 (1,798 without legs) x 1,240 x 740	1,858 (1,798 without legs) x 1,240 x 740
Protection devices	*7	in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	73-3/16 (70-13/16 without legs) x 68-15/16 x 29-3/16
		High pressure protection	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
		Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
		Compressor	—	—	—	—
		Fan motor	—	—	—	—
Refrigerant	*7	Type x original charge	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 10.8 kg (24 lbs)	R410A x 10.8 kg (24 lbs)
		Net weight	269 (594)	269 (594)	289 (638)	335 (739)
		Heat exchanger	Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube
		Optional parts	Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1	Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1	Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1	Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1

Notes:

*1,*2,*3 Nominal conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27°C DB/19°C WB (81°F DB/66°F WB)	35°C DB/24°C WB (95°F DB/75°F WB)	7.5m (24-9/16ft.)	0m (0ft.)
Heating	20°C DB(68°F DB)	7°C DB/6°C WB(45°F DB/43°F WB)	7.5m (24-9/16ft.)	0m (0ft.)

*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 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).

Consult your dealer about the specification when setting External static pressure option.

*Due to continuing improvement, above specifications may be subject to change without notice.

R2-Series

Standard

R410A

PURY-P YNW-A2/TR2/RU2 (-BS)



Model			PURY-P550YNW-A2/TR2/RU2 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	60.0	
		BTU / h	204,700	
	Power input	kW	25.86	
	Current input	A	43.6-41.4-39.9	
	EER	kW / kW	2.32	
SEER	kW / kW	6.25		
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	69.0	
		BTU / h	235,400	
	Power input	kW	24.55	
	Current input	A	41.4-39.3-37.9	
	COP	kW / kW	2.81	
	(Nominal)	*3	kW	63.0
			BTU / h	215,000
		Power input	kW	20.00
		Current input	A	33.7-32.0-30.9
		COP	kW / kW	3.15
SCOP	kW / kW	3.51		
Temp. range of heating	*4	Indoor	D.B.	15.0~27.0°C (59~81°F)
		Outdoor	W.B.	-20.0~15.5°C (-4~60°F)
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model / Quantity		P10~P250, M20~M140/2~50	
Sound pressure level (measured in anechoic room)		*5, 6	dB <A>	70.0/70.0
Sound power level (measured in anechoic room)		*5	dB <A>	89/89
Refrigerant piping diameter	High pressure		mm (in.)	22.2 (7/8) Brazed (28.58 (1-1/8) Brazed for the part that exceeds 65 m)
	Low pressure		mm (in.)	28.58 (1-1/8) Brazed
FAN	Type x Quantity		Propeller fan x 2	
	Air flow rate	m³/min		410
		L/s		6,833
		cfm		14,477
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	
	Motor output		kW	0.92 x 2
Compressor	*7 External static press.		0 Pa (0 mmH₂O)	
	Type x Quantity		Inverter scroll hermetic compressor x 1	
	Starting method		Inverter	
	Motor output	kW	20.5	
	Case heater	kW	-	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension HxWxD		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		R410A x 10.8 kg (24 lbs)	
Net weight	kg (lbs)		335 (739)	
Heat exchanger	Salt-resistant cross fin & copper tube			
Optional parts	Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1			

Notes:

*1,*2,*3 Nominal conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27°C DB/19°C WB (81°F DB/66°F WB)	35°C DB/24°C WB (95°F DB/75°F WB)	7.5m (24-9/16ft.)	0m (0ft.)
Heating	20°C DB(68°F DB)	7°C DB/6°C WB(45°F DB/43°F WB)	7.5m (24-9/16ft.)	0m (0ft.)

*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/3.1 mmH₂O).

Consult your dealer about the specification when setting External static pressure option.

*Due to continuing improvement, above specifications may be subject to change without notice.

Lineup &
Functions

Y-Series

R2-Series

ZUBADAN
-Series

S-Series

BC Controllers

Ceiling
cassette typeCeiling
concealed typeCeiling
suspended typeWall-mounted
typeFloor standing
type

Functions

LOSSNAY
SystemRemote
ControllerHot Water
Solution

R2-Series

Standard

R410A

PURY-P YSNW-A2/TR2/RU2 (-BS)



Model			PURY-P400YSNW-A2/TR2/RU2 (-BS)	PURY-P450YSNW-A2/TR2/RU2 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	44.8	50.4	
		BTU / h	152,900	172,000	
		Power input	kW	13.78	17.08
	EER	Current input	A	23.2-22.0-21.3	28.8-27.3-26.4
		kW / kW	3.25	2.95	
		SEER	kW / kW	7.05	6.85
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	
	*4 Outdoor	D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	50.0	56.5	
		BTU / h	170,600	192,800	
		Power input	kW	14.00	16.71
	COP	Current input	A	23.6-22.4-21.6	28.2-26.7-25.8
		(Nominal)	kW / kW	3.57	3.38
			*3 kW	44.8	50.4
	BTU / h		152,900	172,000	
	Power input	kW	11.08	13.05	
		Current input	A	18.7-17.7-17.1	22.0-20.9-20.1
		COP	kW / kW	4.04	3.86
	SCOP	kW / kW	4.01	4.01	
	Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)
*4 Outdoor		W.B.	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	50~150% of outdoor unit capacity	
	Model / Quantity		P10~P250, M20~M140/1~40	P10~P250, M20~M140/1~45	
Sound pressure level (measured in anechoic room)		*5, 6 dB <A>	62.0/62.0	63.0/65.5	
Sound power level (measured in anechoic room)		*5 dB <A>	79/79	81/84	
Refrigerant piping diameter	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	

Set Model			PURY-P200YNW-A2/TR2/RU2 (-BS)	PURY-P200YNW-A2/TR2/RU2 (-BS)	PURY-P200YNW-A2/TR2/RU2 (-BS)	PURY-P250YNW-A2/TR2/RU2 (-BS)
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 1	
	Air flow rate	m³/min	170		170	
		L/s	2,833		2,833	
		cfm	6,003		6,003	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1		0.92 x 1	
	*7	External static press.	0 Pa (0 mmH₂O)		0 Pa (0 mmH₂O)	
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1		Inverter scroll hermetic compressor x 1	
	Starting method		Inverter		Inverter	
	Motor output	kW	5.0		5.0	
	Case heater	kW	—		—	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension HxWxD		mm	1,858 (1,798 without legs) x 920 x 740		1,858 (1,798 without legs) x 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
	Compressor		—		—	
	Fan motor		—		—	
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)		R410A x 5.2 kg (12 lbs)	
Net weight	kg (lbs)		214 (472)		214 (472)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
Pipe between unit and distributor	High pressure	mm (in.)	15.88 (5/8) Brazed		15.88 (5/8) Brazed	
	Low pressure	mm (in.)	19.05 (3/4) Brazed		19.05 (3/4) Brazed	
Optional parts			Outdoor Twinning kit: CMY-R100VBK4 Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1		Outdoor Twinning kit: CMY-R100VBK4 Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1	

Notes:

*1,*2,*3 Nominal conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27°C DB/19°C WB (81°F DB/66°F WB)	35°C DB/24°C WB (95°F DB/75°F WB)	7.5m (24-9/16ft.)	0m (0ft.)
Heating	20°C DB/68°F DB	7°C DB/6°C WB(45°F DB/43°F WB)	7.5m (24-9/16ft.)	0m (0ft.)

*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 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).

Consult your dealer about the specification when setting External static pressure option.

*Due to continuing improvement, above specifications may be subject to change without notice.

R2-Series

Standard

R410A

PURY-P YSNW-A2/TR2/RU2 (-BS)



Model			PURY-P500YSNW-A2/TR2/RU2 (-BS)	PURY-P550YSNW-A2/TR2/RU2 (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	56.0	61.5
		BTU / h	191,100	209,800
	Power input	kW	21.13	22.69
		Current input	A	35.6-33.8-32.6
		EER	kW / kW	2.65
Temp. range of cooling	*4	SEER	kW / kW	6.64
		W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)
Heating capacity (Max)	*2	kW	63.0	65.0
		BTU / h	215,000	221,800
	Power input	kW	19.74	19.81
		Current input	A	33.3-31.6-30.5
		COP	kW / kW	3.19
(Nominal)	*3	kW	56.0	61.5
		BTU / h	191,100	209,800
	Power input	kW	15.17	17.42
		Current input	A	25.6-24.3-23.4
		COP	kW / kW	3.69
Temp. range of heating	*4	SCOP	kW / kW	4.01
		D.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	50~150% of outdoor unit capacity
	Model / Quantity		P10~P250, M20~M140/1~50	P10~P250, M20~M140/2~50
Sound pressure level (measured in anechoic room)	*5, 6	dB <A>	63.5/67.0	64.0/69.0
Sound power level (measured in anechoic room)	*5	dB <A>	81/86	83/88
Refrigerant piping diameter	High pressure	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m)
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed

Set Model			PURY-P250YNW-A2/TR2/RU2 (-BS)	PURY-P250YNW-A2/TR2/RU2 (-BS)	PURY-P250YNW-A2/TR2/RU2 (-BS)	PURY-P300YNW-A2/TR2/RU2 (-BS)
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 1	
	Air flow rate	m³/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	0.92 x 1		0.92 x 1	
	*7	External static press.		0 Pa (0 mmH₂O)		0 Pa (0 mmH₂O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1		Inverter scroll hermetic compressor x 1	
	Starting method		Inverter		Inverter	
	Motor output	kW	8.0		8.0	
	Case heater	kW	—		—	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension HxWxD		mm	1,858 (1,798 without legs) x 920 x 740		1,858 (1,798 without legs) x 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
	Compressor		—		—	
	Fan motor		—		—	
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)		R410A x 5.2 kg (12 lbs)	
Net weight	kg (lbs)		223 (492)		223 (492)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	
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	
Optional parts			Outdoor Twinning kit: CMY-R100VBK4 Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1		Outdoor Twinning kit: CMY-R100VBK4 Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1	

Notes:

*1, *2, *3 Nominal conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27°C DB/19°C WB (81°F DB/66°F WB)	35°C DB/24°C WB (95°F DB/75°F WB)	7.5m (24-9/16ft.)	0m (0ft.)
Heating	20°C DB/68°F DB	7°C DB/6°C WB(45°F DB/43°F WB)	7.5m (24-9/16ft.)	0m (0ft.)

*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 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).

Consult your dealer about the specification when setting External static pressure option.

*Due to continuing improvement, above specifications may be subject to change without notice.

Lineup &
Functions

Y-Series

R2-Series

ZUBADAN
-Series

S-Series

BC Controllers

Ceiling
cassette typeCeiling
concealed typeCeiling
suspended typeWall-mounted
typeFloor standing
type

Functions

LOSSNAY
SystemRemote
ControllerHot Water
Solution

R2-Series

High efficiency

R410A

PURY-EP YNW-A2/TR2/RU2 (-BS)



Model			PURY-EP200YNW-A2/TR2/RU2 (-BS)	PURY-EP250YNW-A2/TR2/RU2 (-BS)	PURY-EP300YNW-A2/TR2/RU2 (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	22.4	28.0	33.5
		BTU / h	76,400	95,500	114,300
	Power input	kW	6.38	9.75	11.20
		A	10.7-10.2-9.8	16.4-15.6-15.0	18.9-17.9-17.3
		EER	3.51	2.87	2.99
Temp. range of cooling	*4	SEER	7.45	7.05	6.48
		kW / kW			
	Indoor	W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)
		D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)
Heating capacity (Max)	*2	kW	25.0	31.5	37.5
		BTU / h	85,300	107,500	128,000
	Power input	kW	6.72	9.51	10.90
		A	11.3-10.7-10.3	16.0-15.2-14.7	18.4-17.4-16.8
		COP	3.72	3.31	3.44
(Nominal)	*3	kW	22.4	28.0	33.5
		BTU / h	76,400	95,500	114,300
	Power input	kW	5.37	7.31	9.59
		A	9.0-8.6-8.3	12.3-11.7-11.2	16.1-15.3-14.8
		COP	4.17	3.83	3.49
Temp. range of heating	*4	SCOP	3.51	3.51	3.54
		kW / kW			
	Indoor	D.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)
		W.B.	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	50~150% of outdoor unit capacity	50~150% of outdoor unit capacity
	Model / Quantity		P10~P250, M20~M140/1~20	P10~P250, M20~M140/1~25	P10~P250, M20~M140/1~30
Sound pressure level (measured in anechoic room)	*5, 6	dB <A>	59.0/59.0	60.5/61.0	61.0/67.0
Sound power level (measured in anechoic room)	*5	dB <A>	76/76	78/80	80/86
Refrigerant piping diameter	High pressure		15.88 (5/8) Brazed	19.05 (3/4) Brazed	19.05 (3/4) Brazed
	Low pressure		19.05 (3/4) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m ³ /min	170	185	240
		L/s	2,833	3,083	4,000
		cfm	6,003	6,532	8,474
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
Compressor	*7	Motor output	0.92 x 1	0.92 x 1	0.92 x 1
		External static press.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Starting method		Inverter	Inverter	Inverter
	Motor output		4.9	7.5	8.8
Case heater		kW	—	—	—
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension HxWxD	mm		1,858 (1,798 without legs) x 920 x 740	1,858 (1,798 without legs) x 920 x 740	1,858 (1,798 without legs) x 920 x 740
	in.		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP/FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor		—	—	—
	Fan motor		—	—	—
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)	R410A x 5.2 kg (12 lbs)	R410A x 5.2 kg (12 lbs)
Net weight	kg (lbs)		219 (483)	228 (503)	230 (508)
Heat exchanger			Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube
Optional parts			Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1	Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1	Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1

Notes:

*1, *2, *3 Nominal conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27°C DB/19°C WB (81°F DB/66°F WB)	35°C DB/24°C WB (95°F DB/75°F WB)	7.5m (24-9/16ft.)	0m (0ft.)
Heating	20°C DB/68°F DB	7°C DB/6°C WB (45°F DB/43°F WB)	7.5m (24-9/16ft.)	0m (0ft.)

*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 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).

Consult your dealer about the specification when setting External static pressure option.

*Due to continuing improvement, above specifications may be subject to change without notice.

Lineup &
Functions

Y-Series

R2-Series

ZUBADAN
-Series

S-Series

BC Controllers

Ceiling
cassette typeCeiling
concealed typeCeiling
suspended typeWall-mounted
typeFloor standing
type

Functions

LOSSNAY
SystemRemote
ControllerHot Water
Solution

R2-Series

High efficiency

R410A

PURY-EP YNW-A2/TR2/RU2 (-BS)



Model			PURY-EP350YNW-A2/TR2/RU2 (-BS)	PURY-EP400YNW-A2/TR2/RU2 (-BS)	PURY-EP450YNW-A2/TR2/RU2 (-BS)	PURY-EP500YNW-A2/TR2/RU2 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	40.0	45.0	50.0	56.0	
		BTU / h	136,500	153,500	170,600	191,100	
		Power input kW	14.23	18.75	18.93	21.78	
		Current input A	24.0-22.8-21.9	31.6-30.0-28.9	31.9-30.3-29.2	36.7-34.9-33.6	
		EER	2.81	2.40	2.64	2.57	
Temp. range of cooling	*4	SEER	6.03	6.10	6.58	6.38	
		Indoor W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	
		Outdoor D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	
Heating capacity (Max)	*2	kW	45.0	50.0	56.0	63.0	
		BTU / h	153,500	170,600	191,100	215,000	
		Power input kW	13.39	16.33	18.36	21.00	
		Current input A	22.6-21.4-20.6	27.5-26.1-25.2	30.9-29.4-28.3	35.4-33.6-32.4	
		COP	3.36	3.06	3.05	3.00	
	(Nominal)	*3	kW	40.0	45.0	50.0	56.0
			BTU / h	136,500	153,500	170,600	191,100
			Power input kW	10.63	13.15	14.61	16.66
			Current input A	17.9-17.0-16.4	22.1-21.0-20.3	24.6-23.4-22.5	28.1-26.7-25.7
			COP	3.76	3.42	3.42	3.36
Temp. range of heating	*4	SCOP	3.56	3.57	3.56	3.54	
		Indoor D.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	
		Outdoor W.B.	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity	50~150% of outdoor unit capacity		50~150% of outdoor unit capacity	50~150% of outdoor unit capacity	50~150% of outdoor unit capacity	
	Model / Quantity	P10~P250, M20~M140/1~35		P10~P250, M20~M140/1~40	P10~P250, M20~M140/1~45	P10~P250, M20~M140/1~50	
Sound pressure level (measured in anechoic room)	*5, 6	dB <A>	62.5/64.0	65.0/69.0	65.5/70.0	63.5/64.5	
Sound power level (measured in anechoic room)	*5	dB <A>	81/83	83/88	83/89	82/84	
Refrigerant piping diameter	High pressure	mm (in.)	19.05 (3/4) Brazed	22.2 (7/8) Brazed	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	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	
FAN	Type x Quantity	Propeller fan x 2					
	Air flow rate	m ³ /min	250	315	315	295	
		L/s	4,167	5,250	5,250	4,917	
		cfm	8,828	11,123	11,123	10,416	
	Control, Driving mechanism	Inverter-control, Direct-driven by motor					
	Motor output	kW	0.46 x 2	0.46 x 2	0.46 x 2	0.92 x 2	
	External static press.	0 Pa (0 mmH ₂ O)					
	Type x Quantity	Inverter scroll hermetic compressor x 1					
Compressor	Starting method	Inverter					
	Motor output	kW	11.4	15.3	15.5	17.0	
	Case heater	kW					
		—					
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>					
External dimension HxWxD		mm	1,858 (1,798 without legs) x 1,240 x 740		1,858 (1,798 without legs) x 1,240 x 740	1,858 (1,798 without legs) x 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16		73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	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		R410A x 8.0 kg (18 lbs)				
Net weight	kg (lbs)		275 (607)				
Heat exchanger		Salt-resistant cross fin & aluminium tube					
Optional parts		Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1					

Notes:

*1,*2,*3 Nominal conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27°C DB/19°C WB (81°F DB/66°F WB)	35°C DB/24°C WB (95°F DB/75°F WB)	7.5m (24-9/16ft.)	0m (0ft.)
Heating	20°C DB(68°F DB)	7°C DB/6°C WB(45°F DB/43°F WB)	7.5m (24-9/16ft.)	0m (0ft.)

*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 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).

Consult your dealer about the specification when setting External static pressure option.

*Due to continuing improvement, above specifications may be subject to change without notice.

R2-Series

High efficiency

R410A

PURY-EP YNW-A2/TR2/RU2 (-BS)



Model			PURY-EP550YNW-A2/TR2/RU2 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	60.0	
		BTU / h	204,700	
	Power input	kW	25.70	
	Current input	A	43.3-41.2-39.7	
	EER	kW / kW	2.33	
SEER	kW / kW	6.40		
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	69.0	
		BTU / h	235,400	
	Power input	kW	23.87	
	Current input	A	40.2-38.2-36.8	
	COP	kW / kW	2.89	
	(Nominal)	*3	kW	63.0
			BTU / h	215,000
		Power input	kW	19.81
		Current input	A	33.4-31.7-30.6
		COP	kW / kW	3.18
	SCOP	kW / kW	3.51	
Temp. range of heating	*4	Indoor	D.B.	15.0~27.0°C (59~81°F)
		Outdoor	W.B.	-20.0~15.5°C (-4~60°F)
Indoor unit connectable	Total capacity		50~150% of outdoor unit capacity	
	Model / Quantity		P10~P250, M20~M140/2~50	
Sound pressure level (measured in anechoic room)	*5, 6	dB <A>	70.0/70.0	
Sound power level (measured in anechoic room)	*5	dB <A>	89/89	
Refrigerant piping diameter	High pressure	mm (in.)	22.2 (7/8) Brazed (28.58 (1-1/8) Brazed for the part that exceeds 65 m)	
	Low pressure	mm (in.)	28.58 (1-1/8) Brazed	
FAN	Type x Quantity	Propeller fan x 2		
	Air flow rate	m ³ /min	410	
		L/s	6,833	
		cfm	14,477	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 2	
	*7	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	20.4	
	Case heater	kW	—	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension HxWxD		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		R410A x 10.8 kg (24 lbs)	
Net weight	kg (lbs)		346 (763)	
Heat exchanger			Salt-resistant cross fin & aluminium tube	
Optional parts			Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1	

Notes:

*1,*2,*3 Nominal conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27°C DB/19°C WB (81°F DB/66°F WB)	35°C DB/24°C WB (95°F DB/75°F WB)	7.5m (24-9/16ft.)	0m (0ft.)
Heating	20°C DB(68°F DB)	7°C DB/6°C WB(45°F DB/43°F WB)	7.5m (24-9/16ft.)	0m (0ft.)

*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/3.1 mmH₂O).

Consult your dealer about the specification when setting External static pressure option.

*Due to continuing improvement, above specifications may be subject to change without notice.

Lineup &
Functions

Y-Series

R2-Series

ZUBADAN
-Series

S-Series

BC Controllers

Ceiling
cassette typeCeiling
concealed typeCeiling
suspended typeWall-mounted
typeFloor standing
type

Functions

LOSSNAY
SystemRemote
ControllerHot Water
Solution

R2-Series

High efficiency

R410A

PURY-EP YSNW-A2/TR2/RU2 (-BS)



Model			PURY-EP400YSNW-A2/TR2/RU2 (-BS)	PURY-EP450YSNW-A2/TR2/RU2 (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	44.8	50.4
		BTU / h	152,900	172,000
	Power input	kW	13.17	16.31
	Current input	A	22.2-21.1-20.3	27.5-26.1-25.2
	EER	kW / kW	3.40	3.09
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)
	*2	kW	50.0	56.5
		BTU / h	170,600	192,800
		Power input	kW	13.85
Heating capacity (Max)	*4	Indoor	W.B.	15.0~27.0°C (59~81°F)
		Outdoor	D.B.	-20.0~15.5°C (-4~60°F)
	*2	kW	50.0	56.5
		BTU / h	170,600	192,800
		Power input	kW	13.85
(Nominal)	*3	kW	44.8	50.4
		BTU / h	152,900	172,000
	*2	Power input	kW	11.08
		Current input	A	18.7-17.7-17.1
		COP	kW / kW	4.04
Temp. range of heating	*4	Indoor	W.B.	15.0~27.0°C (59~81°F)
		Outdoor	D.B.	-20.0~15.5°C (-4~60°F)
	*2	kW	50.0	56.5
		BTU / h	170,600	192,800
		Power input	kW	13.85
Indoor unit connectable	*3	kW	44.8	50.4
		BTU / h	152,900	172,000
	*2	Power input	kW	11.08
		Current input	A	18.7-17.7-17.1
		COP	kW / kW	4.04
Sound pressure level (measured in anechoic room)	*5, 6	dB <A>	62.0/62.0	63.0/63.5
		Sound power level (measured in anechoic room)	*5	81/82
	*5	Refrigerant piping diameter	mm (in.)	22.2 (7/8) Braze
		Low pressure	mm (in.)	28.58 (1-1/8) Braze
		High pressure	mm (in.)	28.58 (1-1/8) Braze

Set Model			PURY-EP200YNSW-A2/TR2/RU2 (-BS)	PURY-EP200YNSW-A2/TR2/RU2 (-BS)	PURY-EP200YNSW-A2/TR2/RU2 (-BS)	PURY-EP250YNSW-A2/TR2/RU2 (-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m ³ /min	170	170	170	185
		L/s	2,833	2,833	2,833	3,083
		cfm	6,003	6,003	6,003	6,532
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
Compressor	*7	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1
		External static press.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Starting method	Inverter	Inverter	Inverter	Inverter	Inverter
		Motor output	kW	4.9	4.9	7.5
External finish	Case heater		—	—	—	—
	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
	External dimension HxWxD	mm	1,858 (1,798 without legs) x 920 x 740	1,858 (1,798 without legs) x 920 x 740	1,858 (1,798 without legs) x 920 x 740	1,858 (1,798 without legs) x 920 x 740
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16
	Protection devices		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
Refrigerant	Type x original charge	R410A x 5.2 kg (12 lbs)	R410A x 5.2 kg (12 lbs)	R410A x 5.2 kg (12 lbs)	R410A x 5.2 kg (12 lbs)	R410A x 5.2 kg (12 lbs)
		Net weight	kg (lbs)	219 (483)	219 (483)	228 (503)
	Heat exchanger		Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube
	Pipe between unit and distributor	High pressure	mm (in.)	15.88 (5/8) Braze	15.88 (5/8) Braze	19.05 (3/4) Braze
		Low pressure	mm (in.)	19.05 (3/4) Braze	19.05 (3/4) Braze	22.2 (7/8) Braze
Optional parts	Outdoor Twinning kit: CMY-R100VBK4		Outdoor Twinning kit: CMY-R100VBK4	Outdoor Twinning kit: CMY-R100VBK4	Outdoor Twinning kit: CMY-R100VBK4	Outdoor Twinning kit: CMY-R100VBK4
	Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1		Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1	Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1	Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1	Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1

Notes:

*1,*2,*3 Nominal conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
Cooling	27°C DB/19°C WB (81°F DB/66°F WB)	35°C DB/24°C WB (95°F DB/75°F WB)	7.5m (24-9/16ft.)	0m (0ft.)
Heating	20°C DB/68°F DB	7°C DB/6°C WB (45°F DB/43°F WB)	7.5m (24-9/16ft.)	0m (0ft.)

*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 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).

Consult your dealer about the specification when setting External static pressure option.

*Due to continuing improvement, above specifications may be subject to change without notice.

R2-Series

High efficiency

R410A

PURY-EP YSNW-A2/TR2/RU2 (-BS)



Model			PURY-EP500YSNW-A2/TR2/RU2 (-BS)	PURY-EP550YSNW-A2/TR2/RU2 (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity (Nominal)	*1	kW	56.0	61.5
		BTU / h	191,100	209,800
	Power input	kW	20.14	21.65
	Current input	A	33.9-32.2-31.1	36.5-34.7-33.4
	EER	kW / kW	2.78	2.84
Temp. range of cooling		kW / kW	6.84	6.56
	Indoor	W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)
	*2	kW	63.0	69.0
		BTU / h	215,000	235,400
Heating capacity (Max)	Power input	kW	19.62	21.10
	Current input	A	33.1-31.4-30.3	35.6-33.8-32.6
	COP	kW / kW	3.21	3.27
	(Nominal)	*3	kW	61.5
		BTU / h	191,100	209,800
Temp. range of heating	Power input	kW	15.05	17.32
	Current input	A	25.4-24.1-23.2	29.2-27.7-26.7
	COP	kW / kW	3.72	3.55
	SCOP	kW / kW	3.51	3.51
	Indoor	D.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)
Indoor unit connectable	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)
	Total capacity		50~150% of outdoor unit capacity	50~150% of outdoor unit capacity
Sound pressure level (measured in anechoic room)	*5, 6	dB <A>	63.5/64.0	64.0/68.0
Sound power level (measured in anechoic room)	*5	dB <A>	81/83	83/87
Refrigerant piping diameter	High pressure	mm (in.)	22.2 (7/8) Braze	22.2 (7/8) Braze (1-1/8 (28.58) Braze for the part that exceeds 65 m)
	Low pressure	mm (in.)	28.58 (1-1/8) Braze	28.58 (1-1/8) Braze

Set Model			PURY-EP250YNW-A2/TR2/RU2 (-BS)	PURY-EP250YNW-A2/TR2/RU2 (-BS)	PURY-EP250YNW-A2/TR2/RU2 (-BS)	PURY-EP300YNW-A2/TR2/RU2 (-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m ³ /min	185	185	185	240
		L/s	3,083	3,083	3,083	4,000
		cfm	6,532	6,532	6,532	8,474
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
	*7 External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1	Inverter scroll hermetic compressor x 1
	Starting method		Inverter	Inverter	Inverter	Inverter
	Motor output	kW	7.5	7.5	7.5	8.8
	Case heater	kW	—	—	—	—
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	
External dimension HxWxD	mm		1,858 (1,798 without legs) x 920 x 740	1,858 (1,798 without legs) x 920 x 740	1,858 (1,798 without legs) x 920 x 740	1,858 (1,798 without legs) x 920 x 740
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
	Compressor		—	—	—	—
	Fan motor		—	—	—	—
Refrigerant	Type x original charge		R410A x 5.2 kg (12 lbs)	R410A x 5.2 kg (12 lbs)	R410A x 5.2 kg (12 lbs)	R410A x 5.2 kg (12 lbs)
Net weight	kg (lbs)		228 (503)	228 (503)	228 (503)	230 (508)
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube	
Pipe between unit and distributor	High pressure	mm (in.)	19.05 (3/4) Braze	19.05 (3/4) Braze	19.05 (3/4) Braze	19.05 (3/4) Braze
	Low pressure	mm (in.)	22.2 (7/8) Braze	22.2 (7/8) Braze	22.2 (7/8) Braze	22.2 (7/8) Braze
Optional parts			Outdoor Twinning kit: CMY-R100VBK4 Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1		Outdoor Twinning kit: CMY-R100VBK4 Joint: CMY-Y102SS-G2, CMY-Y102LS-G2, CMY-R160-J1	

Notes:

*1, *2, *3 Nominal conditions (subject to JIS B8615-2)

	Indoor	Outdoor	Pipe length	Level difference
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Heating	20°C DB/68°F DB	7°C DB/6°C WB (45°F DB/43°F WB)	7.5m (24-9/16ft.)	0m (0ft.)

*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 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).

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Lineup & Functions

Y-Series

R2-Series

ZUBADAN-Series

S-Series

BC Controllers

Ceiling cassette type

Ceiling concealed type

Ceiling suspended type

Wall-mounted type

Floor standing type

Functions

LOSSNAY System

Remote Controller

Hot Water Solution