

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP200YNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	22.4	
		BTU/h	76,400	
	Power input	kW	5.07	
	Current input	A	8.5-8.1-7.8	
	EER	kW/kW	4.41	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	25.0	
		BTU/h	85,300	
	Power input	kW	5.35	
	Current input	A	9.0-8.5-8.2	
	COP	kW/kW	4.67	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/1~20	
Sound pressure level (measured in anechoic room) *4 *5		dB <A>	58.0/59.0	
Sound power level (measured in anechoic room) *4		dB <A>	75/78	
Refrigerant piping diameter	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	
FAN	Type x Quantity		Propeller fan x 1	
	Air flow rate	m ³ /min	170	
		L/s	2,833	
		cfm	6,003	
		Control, Driving mechanism		Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 x 1	
	*6 External static press.		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor	
	Starting method		Inverter	
	Motor output	kW	3.4	
	Case heater	kW	-	
	Lubricant		MEL32	
	External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R410A x 6.5 kg (15 lbs)	
	Control		LEV and HIC circuit	
Net weight		kg (lbs)	230 (508)	
Heat exchanger			Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)	
Drawing	External		KB94C3TD	
	Wiring		KE94L023	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010-G	
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:	Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit	lbs =kg/0.4536
4.Cooling mode/Heating mode	
5.The sound pressure level measured by the conventional method in JIS for reference purpose.	
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.	*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP250YNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity		*1, 3	kW	28.0
			BTU/h	95,500
		Power input	kW	6.73
		Current input	A	11.3-10.7-10.4
		EER	kW/kW	4.16
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity		*2, 3	kW	31.5
			BTU/h	107,500
		Power input	kW	7.01
		Current input	A	11.8-11.2-10.8
		COP	kW/kW	4.49
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/1~25	
Sound pressure level (measured in anechoic room) *4 *5		dB <A>	60.0/61.0	
Sound power level (measured in anechoic room) *4		dB <A>	78/80	
Refrigerant piping diameter	Liquid pipe	mm (in.)	9.52 (3/8) Brazed (12.7 (1/2) Brazed, farthest length >= 90 m)	
	Gas pipe	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	
	*6	External static press.		0 Pa (0 mmH₂O)
Compressor	Type		Inverter scroll hermetic compressor	
	Starting method		Inverter	
	Motor output	kW	5.1	
	Case heater	kW	-	
	Lubricant		MEL32	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R410A x 6.5 kg (15 lbs)	
	Control		LEV and HIC circuit	
Net weight		kg (lbs)	230 (508)	
Heat exchanger			Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)	
Drawing	External		KB94C3TD	
	Wiring		KE94L023	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010-G	
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:		Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B./24°C.W.B. (95°F.D.B./75°F.W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.The sound pressure level measured by the conventional method in JIS for reference purpose.		
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP300YNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	33.5	
		BTU/h	114,300	
	Power input	kW	8.52	
	Current input	A	14.3-13.6-13.1	
	EER	kW/kW	3.93	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	37.5	
		BTU/h	128,000	
	Power input	kW	8.78	
	Current input	A	14.8-14.0-13.5	
	COP	kW/kW	4.27	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/1~30	
Sound pressure level (measured in anechoic room) *4 *5		dB <A>	61.0/64.5	
Sound power level (measured in anechoic room) *4		dB <A>	80/84	
Refrigerant piping diameter	Liquid pipe	mm (in.)	9.52 (3/8) Brazed (12.7 (1/2) Brazed, farthest length >= 40 m)	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	
FAN	Type x Quantity		Propeller fan x 1	
	Air flow rate	m ³ /min	240	
		L/s	4,000	
		cfm	8,474	
		Control, Driving mechanism		Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 x 1	
	*6 External static press.		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor	
	Starting method		Inverter	
	Motor output	kW	6.1	
	Case heater	kW	-	
	Lubricant		MEL32	
	External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R410A x 6.5 kg (15 lbs)	
	Control		LEV and HIC circuit	
Net weight		kg (lbs)	233 (514)	
Heat exchanger			Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)	
Drawing	External		KB94C3TD	
	Wiring		KE94L023	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010-G	
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:	Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit	lbs =kg/0.4536
4.Cooling mode/Heating mode	
5.The sound pressure level measured by the conventional method in JIS for reference purpose.	
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.	*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

Model			PUHY-EP350YNW-A1 (-BS)		
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity	*1, 3	kW	40.0		
		BTU/h	136,500		
		Power input	kW	10.38	
		Current input	A	17.5-16.6-16.0	
		EER	kW/kW	3.85	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)		
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)		
Heating capacity	*2, 3	kW	45.0		
		BTU/h	153,500		
		Power input	kW	11.47	
		Current input	A	19.3-18.3-17.7	
		COP	kW/kW	3.92	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)		
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity		
	Model/Quantity		P10~P250/1~35		
Sound pressure level (measured in anechoic room) *4 *5		dB <A>	62.0/63.5		
Sound power level (measured in anechoic room) *4		dB <A>	80/83		
Refrigerant piping diameter	Liquid pipe	mm (in.)	12.7 (1/2) Brazed		
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		
FAN	Type x Quantity		Propeller fan x 2		
	Air flow rate	m³/min	270		
		L/s	4,500		
		cfm	9,534		
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		
	Motor output	kW	0.46 x 2		
	*6 External static press.		0 Pa (0 mmH₂O)		
Compressor	Type		Inverter scroll hermetic compressor		
	Starting method		Inverter		
	Motor output	kW	7.7		
	Case heater	kW	-		
	Lubricant		MEL32		
External finish			Pre-coated galvanized steel sheets (*powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740		
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16		
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-current protection		
	Compressor		-		
	Fan motor		-		
Refrigerant	Type x original charge		R410A x 9.8 kg (22 lbs)		
	Control		LEV and HIC circuit		
Net weight		kg (lbs)	284 (627)		
Heat exchanger			Salt-resistant cross fin & aluminium tube		
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)		
Drawing	External		KB94C3TE		
	Wiring		KE94L024		
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts			Joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010-G		
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.		

Notes:		Unit converter
1. Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h = kW x 3,412
2. Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm = m ³ /min x 35.31
3. In case of connecting PLFY-P**VEM type indoor unit		lbs = kg/0.4536
4. Cooling mode/Heating mode		
5. The sound pressure level measured by the conventional method in JIS for reference purpose.		
6. External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP400YNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	45.0	
		BTU/h	153,500	
	Power input	kW	12.19	
	Current input	A	20.5-19.5-18.8	
	EER	kW/kW	3.69	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	50.0	
		BTU/h	170,600	
	Power input	kW	13.05	
	Current input	A	22.0-20.9-20.1	
	COP	kW/kW	3.83	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/1~40	
Sound pressure level (measured in anechoic room) *4 *5		dB <A>	65.0/65.5	
Sound power level (measured in anechoic room) *4		dB <A>	82/84	
Refrigerant piping diameter	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	
FAN	Type x Quantity		Propeller fan x 2	
	Air flow rate	m ³ /min	270	
		L/s	4,500	
		cfm	9,534	
		Control, Driving mechanism		Inverter-control, Direct-driven by motor
	Motor output	kW	0.46 x 2	
	*6	External static press.		0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor	
	Starting method		Inverter	
	Motor output	kW	9.8	
	Case heater	kW	-	
	Lubricant		MEL32	
	External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)	
	Control		LEV and HIC circuit	
Net weight		kg (lbs)	305 (673)	
Heat exchanger			Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)	
Drawing	External		KB94C3TE	
	Wiring		KE94L024	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010-G	
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:	Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit	lbs =kg/0.4536
4.Cooling mode/Heating mode	
5.The sound pressure level measured by the conventional method in JIS for reference purpose.	
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.	*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

Model			PUHY-EP450YNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity		*1, 3	kW	50.0
			BTU/h	170,600
		Power input	kW	13.40
		Current input	A	22.6-21.4-20.7
		EER	kW/kW	3.73
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity		*2, 3	kW	56.0
			BTU/h	191,100
		Power input	kW	15.01
		Current input	A	25.3-24.0-23.2
		COP	kW/kW	3.73
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/1~45	
Sound pressure level (measured in anechoic room) *4 *5			dB <A>	65.5/69.5
Sound power level (measured in anechoic room) *4			dB <A>	84/88
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	
FAN	Type x Quantity		Propeller fan x 2	
	Air flow rate	m³/min	305	
		L/s	5,083	
		cfm	10,770	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x 2	
	*6 External static press.		0 Pa (0 mmH₂O)	
Compressor	Type		Inverter scroll hermetic compressor	
	Starting method		Inverter	
	Motor output	kW	11.1	
	Case heater	kW	-	
	Lubricant		MEL32	
External finish			Pre-coated galvanized steel sheets (*powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection	
	Compressor		-	
	Fan motor		-	
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)	
	Control		LEV and HIC circuit	
Net weight		kg (lbs)	305 (673)	
Heat exchanger			Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)	
Drawing	External		KB94C3TE	
	Wiring		KE94L024	
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010-G	
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:		Unit converter
1. Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2. Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3. In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
4. Cooling mode/Heating mode		
5. The sound pressure level measured by the conventional method in JIS for reference purpose.		
6. External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)/NW-A1

Model			PUHY-EP500YNW-A1 (-BS)		
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity		*1, 3	kW	56.0	
			BTU/h	191,100	
		Power input	kW	16.00	
		Current input	A	27.0-25.6-24.7	
		EER	kW/kW	3.50	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)		
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)		
Heating capacity		*2, 3	kW	63.0	
			BTU/h	215,000	
		Power input	kW	15.00	
		Current input	A	25.3-24.0-23.1	
		COP	kW/kW	4.20	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)		
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity		
	Model/Quantity		P10~P250/1~50		
Sound pressure level (measured in anechoic room) *4 *5			dB <A>	63.5/66.5	
Sound power level (measured in anechoic room) *4			dB <A>	82/85	
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed		
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		
FAN	Type x Quantity		Propeller fan x 2		
	Air flow rate		m ³ /min	365	
			L/s	6,083	
			cfm	12,888	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		
	Motor output	kW	0.92 x 2		
	*6 External static press.		0 Pa (0 mmH ₂ O)		
	Compressor	Type		Inverter scroll hermetic compressor	
Starting method		Inverter			
Motor output		kW	12.5		
Case heater		kW	-		
Lubricant		MEL32			
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,750 x 740		
		in.	73-3/16 (70-13/16 without legs) x 68-15/16 x 29-3/16		
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-current protection		
	Compressor		-		
	Fan motor		-		
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)		
	Control		LEV and HIC circuit		
Net weight		kg (lbs)	345 (761)		
Heat exchanger			Salt-resistant cross fin & aluminium tube		
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)		
Drawing	External		KB94C3TF		
	Wiring		KE94L022		
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts			Joint: CMY-Y102SS/LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010-G		
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.		

Notes:		Unit converter	
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h	=kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm	=m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs	=kg/0.4536
4.Cooling mode/Heating mode			
5.The sound pressure level measured by the conventional method in JIS for reference purpose.			
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.			*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

Model			PUHY-EP400YSNW-A1 (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz
Cooling capacity	*1, 3	kW	45.0
		BTU/h	153,500
	Power input	kW	10.53
	Current input	A	17.7-16.8-16.2
	EER	kW/kW	4.27
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)
Heating capacity	*2, 3	kW	50.0
		BTU/h	170,600
	Power input	kW	11.06
	Current input	A	18.6-17.7-17.0
	COP	kW/kW	4.52
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity
	Model/Quantity		P10~P250/1~40
Sound pressure level (measured in anechoic room) *4 *5			61.0/62.0
Sound power level (measured in anechoic room) *4			78/81
Refrigerant piping diameter	Liquid pipe	mm (in.)	12.7 (1/2) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed

Set Model			PUHY-EP200YNW-A1 (-BS)		PUHY-EP200YNW-A1 (-BS)	
Model						
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 1	
	Air flow rate	m ³ /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	
	*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	3.4		3.4	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740		1,858 (1,798 without legs) x 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 6.5 kg (15 lbs)		R410A x 6.5 kg (15 lbs)	
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	230 (508)		230 (508)	
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure	
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed		9.52 (3/8) Brazed	
	Gas pipe	mm (in.)	22.2 (7/8) Brazed		22.2 (7/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)			
Drawing	External		KB94C3TG			
	Wiring		KE94L023		KE94L023	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G			
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:	Unit converter
1. Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	BTU/h =kW x 3,412 cfm =m ³ /min x 35.31 lbs =kg/0.4536
2. Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	
3. In case of connecting PLFY-P**VEM type indoor unit	
4. Cooling mode/Heating mode	
5. The sound pressure level measured by the conventional method in JIS for reference purpose.	
6. External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.	*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP450YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	50.0	
		BTU/h	170,600	
	Power input	kW	12.07	
	Current input	A	20.3-19.3-18.6	
	EER	kW/kW	4.14	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	56.0	
		BTU/h	191,100	
	Power input	kW	12.64	
	Current input	A	21.3-20.2-19.5	
	COP	kW/kW	4.43	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/1~45	
Sound pressure level (measured in anechoic room) *4 *5		dB <A>	62.0/63.0	
Sound power level (measured in anechoic room) *4		dB <A>	80/82	
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	

Set Model						
Model			PUHY-EP200YNW-A1 (-BS)		PUHY-EP250YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 1	
	Air flow rate	m ³ /min	170		185	
		L/s	2,833		3,083	
		cfm	6,003		6,532	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1		0.92 x 1	
	*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	3.4		5.1	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740		1,858 (1,798 without legs) x 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 6.5 kg (15 lbs)		R410A x 6.5 kg (15 lbs)	
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	230 (508)		230 (508)	
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure	
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed		9.52 (3/8) Brazed	
	Gas pipe	mm (in.)	22.2 (7/8) Brazed		22.2 (7/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)			
Drawing	External		KB94C3TG			
	Wiring		KE94L023		KE94L023	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G			
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:		Unit converter	
1. Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h	=kW x 3,412
2. Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm	=m ³ /min x 35.31
3. In case of connecting PLFY-P**VEM type indoor unit		lbs	=kg/0.4536
4. Cooling mode/Heating mode			
5. The sound pressure level measured by the conventional method in JIS for reference purpose.			
6. External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.			*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP500YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	56.0	
		BTU/h	191,100	
	Power input	kW	13.89	
	Current input	A	23.4-22.2-21.4	
	EER	kW/kW	4.03	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	63.0	
		BTU/h	215,000	
	Power input	kW	14.48	
	Current input	A	24.4-23.2-22.3	
	COP	kW/kW	4.35	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/1~50	
Sound pressure level (measured in anechoic room) *4 *5			63.0/64.0	
Sound power level (measured in anechoic room) *4			81/83	
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	

Set Model			PUHY-EP250YNW-A1 (-BS)		PUHY-EP250YNW-A1 (-BS)	
Model						
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 1	
	Air flow rate	m ³ /min	185		185	
		L/s	3,083		3,083	
		cfm	6,532		6,532	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1		0.92 x 1	
	*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	5.1		5.1	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740		1,858 (1,798 without legs) x 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 6.5 kg (15 lbs)		R410A x 6.5 kg (15 lbs)	
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	230 (508)		230 (508)	
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure	
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed		9.52 (3/8) Brazed	
	Gas pipe	mm (in.)	22.2 (7/8) Brazed		22.2 (7/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)			
Drawing	External		KB94C3TG			
	Wiring		KE94L023		KE94L023	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G			
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:		Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.The sound pressure level measured by the conventional method in JIS for reference purpose.		
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP550YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	63.0	
		BTU/h	215,000	
	Power input	kW	16.11	
	Current input	A	27.1-25.8-24.9	
	EER	kW/kW	3.91	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	69.0	
		BTU/h	235,400	
	Power input	kW	16.31	
	Current input	A	27.5-26.1-25.2	
	COP	kW/kW	4.23	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4 *5		dB <A>	63.5/66.0	
Sound power level (measured in anechoic room) *4		dB <A>	82/85	
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	

Set Model

Model			PUHY-EP250YNW-A1 (-BS)		PUHY-EP300YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 1	
	Air flow rate	m³/min	185		240	
		L/s	3,083		4,000	
		cfm	6,532		8,474	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.92 x 1		0.92 x 1	
	*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	5.1		6.1	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740		1,858 (1,798 without legs) x 920 x 740	
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 6.5 kg (15 lbs)		R410A x 6.5 kg (15 lbs)	
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	230 (508)		233 (514)	
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure	
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed		12.7 (1/2) Brazed	
	Gas pipe	mm (in.)	22.2 (7/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)			
Drawing	External		KB94C3TG			
	Wiring		KE94L023		KE94L023	
Standard attachment	Document					
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:

- Nominal cooling conditions (subject to JIS B8615-1,-2)
Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions (subject to JIS B8615-1,-2)
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- In case of connecting PLFY-P**VEM type indoor unit
- Cooling mode/Heating mode
- The sound pressure level measured by the conventional method in JIS for reference purpose.
- External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).
Consult your dealer about the specification when setting External static pressure option.

Unit converter

BTU/h	=kW x 3,412
cfm	=m ³ /min x 35.31
lbs	=kg/0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP600YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	69.0	
		BTU/h	235,400	
	Power input	kW	18.11	
	Current input	A	30.5-29.0-27.9	
	EER	kW/kW	3.81	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	76.5	
		BTU/h	261,000	
	Power input	kW	18.47	
	Current input	A	31.1-29.6-28.5	
	COP	kW/kW	4.14	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4 *5			64.0/67.5	
Sound power level (measured in anechoic room) *4			83/87	
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	

Set Model				Model		PUHY-EP300YNW-A1 (-BS)		PUHY-EP300YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 1		Propeller fan x 1				
	Air flow rate	m ³ /min	240		240				
		L/s	4,000		4,000				
		cfm	8,474		8,474				
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor				
	Motor output	kW	0.92 x 1		0.92 x 1				
Compressor	*6 External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)				
	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor				
	Starting method		Inverter		Inverter				
	Motor output	kW	6.1		6.1				
	Case heater	kW	-		-				
	Lubricant		MEL32		MEL32				
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>				
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740		1,858 (1,798 without legs) x 920 x 740				
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16		73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16				
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)				
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection				
	Compressor		-		-				
	Fan motor		-		-				
Refrigerant	Type x original charge		R410A x 6.5 kg (15 lbs)		R410A x 6.5 kg (15 lbs)				
	Control		LEV and HIC circuit						
Net weight		kg (lbs)	233 (514)		233 (514)				
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube				
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure				
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed		12.7 (1/2) Brazed				
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed				
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)						
Drawing	External		KB94C3TG						
	Wiring		KE94L023		KE94L023				
Standard attachment	Document		Installation Manual						
	Accessory		-						
Optional parts			Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G						
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.						

Notes:		Unit converter	
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412	
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31	
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536	
4.Cooling mode/Heating mode			
5.The sound pressure level measured by the conventional method in JIS for reference purpose.			
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.	

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP650YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	73.0	
		BTU/h	249,100	
	Power input	kW	19.46	
	Current input	A	32.8-31.2-30.0	
	EER	kW/kW	3.75	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	81.5	
		BTU/h	278,100	
	Power input	kW	20.58	
	Current input	A	34.7-33.0-31.8	
	COP	kW/kW	3.96	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4 *5		dB <A>	66.5/67.0	
Sound power level (measured in anechoic room) *4		dB <A>	83/85	
Refrigerant	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	
piping diameter	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	

Set Model				
Model			PUHY-EP250YNW-A1 (-BS)	PUHY-EP400YNW-A1 (-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2
	Air flow rate	m ³ /min	185	270
		L/s	3,083	4,500
		cfm	6,532	9,534
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 x 1	0.46 x 2
	*6	External static press.		0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter
	Motor output	kW	5.1	9.8
	Case heater	kW	-	-
	Lubricant		MEL32	MEL32
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740	1,858 (1,798 without legs) x 1,240 x 740
		in.	73-3/16 (70-13/16 without legs) x 36-1/4 x 29-3/16	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-current protection	Over-current protection
	Compressor		-	-
	Fan motor		-	-
Refrigerant	Type x original charge		R410A x 6.5 kg (15 lbs)	R410A x 10.8 kg (24 lbs)
	Control		LEV and HIC circuit	
Net weight		kg (lbs)	230 (508)	305 (673)
Heat exchanger			Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	12.7 (1/2) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)	
Drawing	External		KB94C3TH	
	Wiring		KE94L023	KE94L024
Standard attachment	Document		Installation Manual	
	Accessory		-	
Optional parts			Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G	
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.	

Notes:	Unit converter
1. Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	BTU/h =kW x 3,412
2. Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)	cfm =m ³ /min x 35.31
3. In case of connecting PLFY-P**VEM type indoor unit	lbs =kg/0.4536
4. Cooling mode/Heating mode	
5. The sound pressure level measured by the conventional method in JIS for reference purpose.	
6. External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.	*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

Model			PUHY-EP700YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	80.0	
		BTU/h	273,000	
	Power input	kW	21.44	
	Current input	A	36.1-34.3-33.1	
	EER	kW/kW	3.73	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	88.0	
		BTU/h	300,300	
	Power input	kW	23.15	
	Current input	A	39.0-37.1-35.7	
	COP	kW/kW	3.80	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4 *5			65.0/66.5	
Sound power level (measured in anechoic room) *4			83/86	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	34.93 (1-3/8) Brazed	

Set Model			PUHY-EP350YNW-A1 (-BS)		PUHY-EP350YNW-A1 (-BS)	
Model						
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m ³ /min	270		270	
		L/s	4,500		4,500	
		cfm	9,534		9,534	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x 2		0.46 x 2	
	*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	7.7		7.7	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740		1,858 (1,798 without legs) x 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16		73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 9.8 kg (22 lbs)		R410A x 9.8 kg (22 lbs)	
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	284 (627)		284 (627)	
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure	
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed		12.7 (1/2) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)			
Drawing	External		KB94C3TJ			
	Wiring		KE94L024		KE94L024	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:		Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°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 B8615-1,-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.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.The sound pressure level measured by the conventional method in JIS for reference purpose.		
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP750YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	85.0	
		BTU/h	290,000	
	Power input	kW	23.28	
	Current input	A	39.3-37.3-35.9	
	EER	kW/kW	3.65	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	95.0	
		BTU/h	324,100	
	Power input	kW	25.33	
	Current input	A	42.7-40.6-39.1	
	COP	kW/kW	3.75	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4 *5		dB <A>	67.0/67.5	
Sound power level (measured in anechoic room) *4		dB <A>	84/87	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	34.93 (1-3/8) Brazed	

Set Model						
Model			PUHY-EP350YNW-A1 (-BS)		PUHY-EP400YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m ³ /min	270		270	
		L/s	4,500		4,500	
		cfm	9,534		9,534	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x 2		0.46 x 2	
	*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	7.7		9.8	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740		1,858 (1,798 without legs) x 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16		73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 9.8 kg (22 lbs)		R410A x 10.8 kg (24 lbs)	
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	284 (627)		305 (673)	
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure	
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed		15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)			
Drawing	External		KB94C3TJ			
	Wiring		KE94L024		KE94L024	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:		Unit converter	
1. Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412	
2. Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m³/min x 35.31	
3. In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536	
4. Cooling mode/Heating mode			
5. The sound pressure level measured by the conventional method in JIS for reference purpose.			
6. External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.	

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP800YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	90.0	
		BTU/h	307,100	
	Power input	kW	24.59	
	Current input	A	41.5-39.4-38.0	
	EER	kW/kW	3.66	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	100.0	
		BTU/h	341,200	
	Power input	kW	27.10	
	Current input	A	45.7-43.4-41.8	
	COP	kW/kW	3.69	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4 *5			dB <A> 67.5/70.5	
Sound power level (measured in anechoic room) *4			dB <A> 85/89	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	34.93 (1-3/8) Brazed	

Set Model			PUHY-EP350YNW-A1 (-BS)		PUHY-EP450YNW-A1 (-BS)	
Model			Propeller fan x 2		Propeller fan x 2	
FAN	Type x Quantity		270		305	
	Air flow rate	m ³ /min	4,500		5,083	
		L/s	9,534		10,770	
		cfm				
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x 2		0.46 x 2	
*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	7.7		11.1	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740		1,858 (1,798 without legs) x 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16		73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 9.8 kg (22 lbs)		R410A x 10.8 kg (24 lbs)	
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	284 (627)		305 (673)	
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure	
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed		15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)			
Drawing	External		KB94C3TJ			
	Wiring		KE94L024		KE94L024	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:		Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m³/min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.The sound pressure level measured by the conventional method in JIS for reference purpose.		
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP850YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	96.0	
		BTU/h	327,600	
	Power input	kW	26.74	
	Current input	A	45.1-42.8-41.3	
	EER	kW/kW	3.59	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	108.0	
		BTU/h	368,500	
	Power input	kW	29.50	
	Current input	A	49.8-47.3-45.6	
	COP	kW/kW	3.66	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4 *5		dB <A>	68.5/71.0	
Sound power level (measured in anechoic room) *4		dB <A>	86/89	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	

Set Model						
Model			PUHY-EP400YNW-A1 (-BS)		PUHY-EP450YNW-A1 (-BS)	
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m ³ /min	270		305	
		L/s	4,500		5,083	
		cfm	9,534		10,770	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x 2		0.46 x 2	
	*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	9.8		11.1	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740		1,858 (1,798 without legs) x 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16		73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)		R410A x 10.8 kg (24 lbs)	
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	305 (673)		305 (673)	
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure	
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed		15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)			
Drawing	External		KB94C3TJ			
	Wiring		KE94L024		KE94L024	
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:		Unit converter	
1. Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B./24°C.W.B. (95°F.D.B./75°F.W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412	
2. Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31	
3. In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536	
4. Cooling mode/Heating mode			
5. The sound pressure level measured by the conventional method in JIS for reference purpose.			
6. External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.	

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP900YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	101.0	
		BTU/h	344,600	
	Power input	kW	27.97	
	Current input	A	47.2-44.8-43.2	
	EER	kW/kW	3.61	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	113.0	
		BTU/h	385,600	
	Power input	kW	31.30	
	Current input	A	52.8-50.1-48.3	
	COP	kW/kW	3.61	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4 *5			68.5/72.5	
Sound power level (measured in anechoic room) *4			87/91	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	

Set Model			PUHY-EP450YNW-A1 (-BS)		PUHY-EP450YNW-A1 (-BS)	
Model						
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m ³ /min	305		305	
		L/s	5,083		5,083	
		cfm	10,770		10,770	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x 2		0.46 x 2	
	*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter	
	Motor output	kW	11.1		11.1	
	Case heater	kW	-		-	
	Lubricant		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740		1,858 (1,798 without legs) x 1,240 x 740	
		in.	73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16		73-3/16 (70-13/16 without legs) x 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-current protection		Over-current protection	
	Compressor		-		-	
	Fan motor		-		-	
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)		R410A x 10.8 kg (24 lbs)	
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	305 (673)		305 (673)	
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure	
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed		15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)			
Drawing	External		KB94C3TJ			
	Wiring		KE94L024		KE94L024	
Standard attachment	Document					
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:		Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°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 B8615-1,-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.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.The sound pressure level measured by the conventional method in JIS for reference purpose.		
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O).		
Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP950YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	108.0	
		BTU/h	368,500	
	Power input	kW	28.34	
	Current input	A	47.8-45.4-43.8	
	EER	kW/kW	3.81	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	119.5	
		BTU/h	407,700	
	Power input	kW	30.32	
	Current input	A	51.1-48.6-46.8	
	COP	kW/kW	3.94	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4 *5		dB <A>	66.0/67.5	
Sound power level (measured in anechoic room) *4		dB <A>	84/87	
Refrigerant piping diameter	Liquid pipe		19.05 (3/4) Brazed	
	Gas pipe		41.28 (1-5/8) Brazed	

Set Model			PUHY-EP250YNW-A1 (-BS)		PUHY-EP350YNW-A1 (-BS)		PUHY-EP350YNW-A1 (-BS)	
Model			Propeller fan x 1		Propeller fan x 2		Propeller fan x 2	
FAN	Type x Quantity							
	Air flow rate	m ³ /min	185		270		270	
		L/s	3,083		4,500		4,500	
		cfm	6,532		9,534		9,534	
	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		0.46 x 2		0.46 x 2	
*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter		Inverter	
	Motor output	kW	5.1		7.7		7.7	
	Case heater	kW	-		-		-	
	Lubricant		MEL32		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>					
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740	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 36-1/4 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			
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)					
	Inverter circuit (COMP./FAN)		Over-current protection					
	Compressor		-	-	-			
	Fan motor		-	-	-			
Refrigerant	Type x original charge		R410A x 6.5 kg (15 lbs)	R410A x 9.8 kg (22 lbs)	R410A x 9.8 kg (22 lbs)			
	Control		LEV and HIC circuit					
Net weight		kg (lbs)	230 (508)	284 (627)	284 (627)			
Heat exchanger			Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube			
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure			
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed			
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed			
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)					
Drawing	External		KB94C3TK					
	Wiring		KE94L023	KE94L024	KE94L024			
Standard attachment	Document		Installation Manual					
	Accessory		-					
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G					
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.					

Notes:		Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.The sound pressure level measured by the conventional method in JIS for reference purpose.		
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

Model			PUHY-EP1000YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	113.0	
		BTU/h	385,600	
	Power input	kW	30.21	
	Current input	A	50.9-48.4-46.6	
	EER	kW/kW	3.74	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	127.0	
		BTU/h	433,300	
	Power input	kW	32.56	
	Current input	A	54.9-52.2-50.3	
	COP	kW/kW	3.90	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/2~50	
Sound pressure level (measured in anechoic room) *4 *5			68.0/68.5	
Sound power level (measured in anechoic room) *4			85/87	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	

Set Model

Model			PUHY-EP250YNW-A1 (-BS)	PUHY-EP350YNW-A1 (-BS)	PUHY-EP400YNW-A1 (-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m ³ /min	185	270	270
		L/s	3,083	4,500	4,500
		cfm	6,532	9,534	9,534
	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	0.46 x 2	0.46 x 2
	*6 External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter	Inverter
	Motor output	kW	5.1	7.7	9.8
	Case heater	kW	-	-	-
	Lubricant		MEL32	MEL32	MEL32
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740	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 36-1/4 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
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-current protection		
	Compressor		-	-	-
	Fan motor		-	-	-
Refrigerant	Type x original charge		R410A x 6.5 kg (15 lbs)	R410A x 9.8 kg (22 lbs)	R410A x 10.8 kg (24 lbs)
	Control		LEV and HIC circuit		
Net weight		kg (lbs)	230 (508)	284 (627)	305 (673)
Heat exchanger			Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	12.7 (1/2) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)		
Drawing	External		KB94C3TK		
	Wiring		KE94L023	KE94L024	KE94L024
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.		

Notes:		Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B./24°C.W.B. (95°F.D.B./75°F.W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.The sound pressure level measured by the conventional method in JIS for reference purpose.		
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP1050YSNW-A1 (-BS)		
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity	*1, 3	kW	118.0		
		BTU/h	402,600		
	Power input	kW	32.06		
	Current input	A	54.1-51.4-49.5		
	EER	kW/kW	3.68		
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)		
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)		
Heating capacity	*2, 3	kW	132.0		
		BTU/h	450,400		
	Power input	kW	34.19		
	Current input	A	57.7-54.8-52.8		
	COP	kW/kW	3.86		
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)		
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity		
	Model/Quantity		P10~P250/3~50		
Sound pressure level (measured in anechoic room) *4 *5			68.5/69.0		
Sound power level (measured in anechoic room) *4			86/88		
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed		
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed		

Set Model					
Model			PUHY-EP250YNW-A1 (-BS)	PUHY-EP400YNW-A1 (-BS)	PUHY-EP400YNW-A1 (-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m ³ /min	185	270	270
		L/s	3,083	4,500	4,500
		cfm	6,532	9,534	9,534
	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	0.46 x 2	0.46 x 2
	*6 External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
	Compressor	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
Starting method		Inverter	Inverter	Inverter	
Motor output		kW	5.1	9.8	9.8
Case heater		kW	-	-	-
Lubricant			MEL32	MEL32	MEL32
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,858 (1,798 without legs) x 920 x 740	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 36-1/4 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
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-current protection		
	Compressor		-	-	-
	Fan motor		-	-	-
Refrigerant	Type x original charge		R410A x 6.5 kg (15 lbs)	R410A x 10.8 kg (24 lbs)	R410A x 10.8 kg (24 lbs)
	Control		LEV and HIC circuit		
Net weight		kg (lbs)	230 (508)	305 (673)	305 (673)
Heat exchanger			Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)		
Drawing	External		KB94C3TK		
	Wiring		KE94L023	KE94L024	KE94L024
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.		

Notes:		Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.The sound pressure level measured by the conventional method in JIS for reference purpose.		
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP1100YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	124.0	
		BTU/h	423,100	
	Power input	kW	33.78	
	Current input	A	57.0-54.1-52.2	
	EER	kW/kW	3.67	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	140.0	
		BTU/h	477,700	
	Power input	kW	37.13	
	Current input	A	62.6-59.5-57.3	
	COP	kW/kW	3.77	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/3~50	
Sound pressure level (measured in anechoic room) *4 *5			68.5/69.0	
Sound power level (measured in anechoic room) *4			86/88	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	

Set Model			PUHY-EP350YNW-A1 (-BS)		PUHY-EP350YNW-A1 (-BS)		PUHY-EP400YNW-A1 (-BS)	
Model								
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2		Propeller fan x 2	
	Air flow rate	m ³ /min	270		270		270	
		L/s	4,500		4,500		4,500	
		cfm	9,534		9,534		9,534	
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x 2		0.46 x 2		0.46 x 2	
	*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter		Inverter	
	Motor output	kW	7.7		7.7		9.8	
	Case heater	kW	-		-		-	
	Lubricant		MEL32		MEL32		MEL32	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>					
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740	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	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 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	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)					
	Inverter circuit (COMP./FAN)		Over-current protection					
	Compressor		-	-	-	-	-	
	Fan motor		-	-	-	-	-	
Refrigerant	Type x original charge		R410A x 9.8 kg (22 lbs)	R410A x 9.8 kg (22 lbs)	R410A x 9.8 kg (22 lbs)	R410A x 10.8 kg (24 lbs)	R410A x 10.8 kg (24 lbs)	
	Control		LEV and HIC circuit					
Net weight		kg (lbs)	284 (627)	284 (627)	284 (627)	305 (673)	305 (673)	
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	Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure	
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	
	Gas pipe	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	28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)					
Drawing	External		KB94C3TL					
	Wiring		KE94L024	KE94L024	KE94L024	KE94L024	KE94L024	
Standard attachment	Document		Installation Manual					
	Accessory		-					
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G					
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.					

Notes:		Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B./24°C.W.B. (95°F.D.B./75°F.W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.The sound pressure level measured by the conventional method in JIS for reference purpose.		
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O).		
Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP1150YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	130.0	
		BTU/h	443,600	
	Power input	kW	35.91	
	Current input	A	60.6-57.5-55.5	
	EER	kW/kW	3.62	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	145.0	
		BTU/h	494,700	
	Power input	kW	38.77	
	Current input	A	65.4-62.1-59.9	
	COP	kW/kW	3.74	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/3~50	
Sound pressure level (measured in anechoic room) *4 *5			69.0/69.5	
Sound power level (measured in anechoic room) *4			86/88	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	

Set Model			PUHY-EP350YNW-A1 (-BS)		PUHY-EP400YNW-A1 (-BS)		PUHY-EP400YNW-A1 (-BS)	
Model			Propeller fan x 2		Propeller fan x 2		Propeller fan x 2	
FAN	Type x Quantity		270		270		270	
	Air flow rate	m ³ /min	4,500		4,500		4,500	
		L/s	9,534		9,534		9,534	
		cfm						
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output	kW	0.46 x 2		0.46 x 2		0.46 x 2	
*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter		Inverter	
	Motor output	kW	7.7		9.8		9.8	
	Case heater	kW	-		-		-	
	Lubricant		MEL32		MEL32		MEL32	
	External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>					
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740	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 48-7/8 x 29-3/16			
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)					
	Inverter circuit (COMP./FAN)		Over-current protection					
	Compressor		-		-		-	
	Fan motor		-		-		-	
Refrigerant	Type x original charge		R410A x 9.8 kg (22 lbs)		R410A x 10.8 kg (24 lbs)		R410A x 10.8 kg (24 lbs)	
	Control		LEV and HIC circuit					
Net weight		kg (lbs)	284 (627)		305 (673)		305 (673)	
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure	
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed		15.88 (5/8) Brazed		15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)					
Drawing	External		KB94C3TL					
	Wiring		KE94L024		KE94L024		KE94L024	
Standard attachment	Document		Installation Manual					
	Accessory		-					
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G					
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.					

Notes:		Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.The sound pressure level measured by the conventional method in JIS for reference purpose.		
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP1200YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	136.0	
		BTU/h	464,000	
	Power input	kW	38.09	
	Current input	A	64.3-61.0-58.8	
	EER	kW/kW	3.57	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	150.0	
		BTU/h	511,800	
	Power input	kW	40.43	
	Current input	A	68.2-64.8-62.4	
	COP	kW/kW	3.71	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/3~50	
Sound pressure level (measured in anechoic room) *4 *5			70.0/70.5	
Sound power level (measured in anechoic room) *4			87/89	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	

Set Model

Model			PUHY-EP400YNW-A1 (-BS)	PUHY-EP400YNW-A1 (-BS)	PUHY-EP400YNW-A1 (-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m³/min	270	270	270
		L/s	4,500	4,500	4,500
		cfm	9,534	9,534	9,534
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.46 x 2	0.46 x 2	0.46 x 2
	*6	External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter	Inverter
	Motor output	kW	9.8	9.8	9.8
	Case heater	kW	-	-	-
	Lubricant		MEL32	MEL32	MEL32
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740	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 48-7/8 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-current protection		
	Compressor		-	-	-
	Fan motor		-	-	-
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)	R410A x 10.8 kg (24 lbs)	R410A x 10.8 kg (24 lbs)
	Control		LEV and HIC circuit		
Net weight		kg (lbs)	305 (673)	305 (673)	305 (673)
Heat exchanger			Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)		
Drawing	External		KB94C3TL		
	Wiring		KE94L024	KE94L024	KE94L024
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.		

Notes:

- Nominal cooling conditions (subject to JIS B8615-1,-2)
Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- Nominal heating conditions (subject to JIS B8615-1,-2)
Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.)
Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)
- In case of connecting PLFY-P**VEM type indoor unit
- Cooling mode/Heating mode
- The sound pressure level measured by the conventional method in JIS for reference purpose.
- External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH₂O, 6.1 mmH₂O, 8.2 mmH₂O).
Consult your dealer about the specification when setting External static pressure option.

Unit converter

BTU/h	=kW x 3,412
cfm	=m³/min x 35.31
lbs	=kg/0.4536

*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP1250YSNW-A1 (-BS)		
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity	*1, 3	kW	140.0		
		BTU/h	477,700		
	Power input	kW	38.99		
	Current input	A	65.8-62.5-60.2		
	EER	kW/kW	3.59		
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)		
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)		
Heating capacity	*2, 3	kW	156.5		
		BTU/h	534,000		
	Power input	kW	42.52		
	Current input	A	71.7-68.1-65.7		
	COP	kW/kW	3.68		
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)		
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity		
	Model/Quantity		P10~P250/3~50		
Sound pressure level (measured in anechoic room) *4 *5		dB <A>	70.0/72.0		
Sound power level (measured in anechoic room) *4		dB <A>	88/91		
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed		
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed		

Set Model					
Model			PUHY-EP400YNW-A1 (-BS)	PUHY-EP400YNW-A1 (-BS)	PUHY-EP450YNW-A1 (-BS)
FAN	Type x Quantity		Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m ³ /min	270	270	305
		L/s	4,500	4,500	5,083
		cfm	9,534	9,534	10,770
	Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.46 x 2	0.46 x 2	0.46 x 2
	*6	External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter	Inverter
	Motor output	kW	9.8	9.8	11.1
	Case heater	kW	-	-	-
	Lubricant		MEL32	MEL32	MEL32
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>		
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740	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 48-7/8 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-current protection		
	Compressor		-	-	-
	Fan motor		-	-	-
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)	R410A x 10.8 kg (24 lbs)	R410A x 10.8 kg (24 lbs)
	Control		LEV and HIC circuit		
Net weight		kg (lbs)	305 (673)	305 (673)	305 (673)
Heat exchanger			Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)		
Drawing	External		KB94C3TL		
	Wiring		KE94L024	KE94L024	KE94L024
Standard attachment	Document		Installation Manual		
	Accessory		-		
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.		

Notes:		Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.The sound pressure level measured by the conventional method in JIS for reference purpose.		
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP1300YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	146.0	
		BTU/h	498,200	
	Power input	kW	40.55	
	Current input	A	68.4-65.0-62.6	
	EER	kW/kW	3.60	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	163.0	
		BTU/h	556,200	
	Power input	kW	44.78	
	Current input	A	75.5-71.8-69.2	
	COP	kW/kW	3.64	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/3~50	
Sound pressure level (measured in anechoic room) *4 *5		dB <A>	70.0/73.5	
Sound power level (measured in anechoic room) *4		dB <A>	88/92	
Refrigerant	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
piping diameter	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	

Set Model			Model	PUHY-EP400YNW-A1 (-BS)	PUHY-EP450YNW-A1 (-BS)	PUHY-EP450YNW-A1 (-BS)
FAN	Type x Quantity		Propeller fan x 2		Propeller fan x 2	Propeller fan x 2
	Air flow rate	m ³ /min	270		305	305
		L/s	4,500		5,083	5,083
		cfm	9,534		10,770	10,770
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.46 x 2		0.46 x 2	0.46 x 2
*6	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter		Inverter	Inverter
	Motor output	kW	9.8		11.1	11.1
	Case heater	kW	-		-	-
	Lubricant		MEL32		MEL32	MEL32
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>			
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740	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 48-7/8 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			
	Inverter circuit (COMP./FAN)		Over-current protection			
	Compressor		-	-	-	
	Fan motor		-	-	-	
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)		R410A x 10.8 kg (24 lbs)	R410A x 10.8 kg (24 lbs)
	Control		LEV and HIC circuit			
Net weight		kg (lbs)	305 (673)		305 (673)	305 (673)
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube	Salt-resistant cross fin & aluminium tube
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure	Copper pipe, tube-in-tube structure
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed		15.88 (5/8) Brazed	15.88 (5/8) Brazed
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)			
Drawing	External		KB94C3TL			
	Wiring		KE94L024		KE94L024	KE94L024
Standard attachment	Document		Installation Manual			
	Accessory		-			
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.			

Notes:		Unit converter
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C.D.B./19°C.W.B. (81°F.D.B./66°F.W.B.), Outdoor: 35°C.D.B./24°C.W.B. (95°F.D.B./75°F.W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C.D.B. (68°F.D.B.), Outdoor: 7°C.D.B./6°C.W.B. (45°F.D.B./43°F.W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m³/min x 35.31
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536
4.Cooling mode/Heating mode		
5.The sound pressure level measured by the conventional method in JIS for reference purpose.		
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.

1. SPECIFICATIONS

Y-Series (High efficiency)

PUHY-EP-Y(S)NW-A1

Model			PUHY-EP1350YSNW-A1 (-BS)	
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity	*1, 3	kW	150.0	
		BTU/h	511,800	
	Power input	kW	41.55	
	Current input	A	70.1-66.6-64.2	
	EER	kW/kW	3.61	
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	
Heating capacity	*2, 3	kW	168.0	
		BTU/h	573,200	
	Power input	kW	46.53	
	Current input	A	78.5-74.6-71.9	
	COP	kW/kW	3.61	
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	
	Model/Quantity		P10~P250/3~50	
Sound pressure level (measured in anechoic room) *4 *5			70.5/74.5	
Sound power level (measured in anechoic room) *4			89/93	
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	

Set Model			PUHY-EP450YNW-A1 (-BS)		PUHY-EP450YNW-A1 (-BS)		PUHY-EP450YNW-A1 (-BS)	
Model			Propeller fan x 2		Propeller fan x 2		Propeller fan x 2	
FAN	Type x Quantity		305		305		305	
	Air flow rate	m ³ /min	5,083		5,083		5,083	
		L/s	10,770		10,770		10,770	
		cfm						
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
	Motor output		kW	0.46 x 2		0.46 x 2		0.46 x 2
*6 External static press.			0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
Compressor	Type		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter		Inverter		Inverter	
	Motor output	kW	11.1		11.1		11.1	
	Case heater	kW	-		-		-	
	Lubricant		MEL32		MEL32		MEL32	
	External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>				
External dimension H x W x D		mm	1,858 (1,798 without legs) x 1,240 x 740	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 48-7/8 x 29-3/16			
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)					
	Inverter circuit (COMP./FAN)		Over-current protection					
	Compressor		-	-	-			
	Fan motor		-	-	-			
Refrigerant	Type x original charge		R410A x 10.8 kg (24 lbs)		R410A x 10.8 kg (24 lbs)		R410A x 10.8 kg (24 lbs)	
	Control		LEV and HIC circuit					
Net weight		kg (lbs)	305 (673)		305 (673)		305 (673)	
Heat exchanger			Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & aluminium tube	
HIC circuit (HIC: Heat Inter-Changer)			Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure		Copper pipe, tube-in-tube structure	
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed		15.88 (5/8) Brazed		15.88 (5/8) Brazed	
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
Defrosting method			Auto-defrost mode (Reversed refrigerant cycle, Hot gas)					
Drawing	External		KB94C3TL					
	Wiring		KE94L024		KE94L024		KE94L024	
Standard attachment	Document		Installation Manual					
	Accessory		-					
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G					
Remarks			Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.					

Notes:		Unit converter	
1.Nominal cooling conditions (subject to JIS B8615-1,-2) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B./24°C W.B. (95°F D.B./75°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		BTU/h =kW x 3,412	
2.Nominal heating conditions (subject to JIS B8615-1,-2) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)		cfm =m ³ /min x 35.31	
3.In case of connecting PLFY-P**VEM type indoor unit		lbs =kg/0.4536	
4.Cooling mode/Heating mode			
5.The sound pressure level measured by the conventional method in JIS for reference purpose.			
6.External static pressure option is available (30 Pa, 60 Pa, 80 Pa/3.1 mmH ₂ O, 6.1 mmH ₂ O, 8.2 mmH ₂ O). Consult your dealer about the specification when setting External static pressure option.		*Above specification data is subject to rounding variation.	