

OUTDOOR UNIT

Y Series

PUHY-P YKA(-BS)



► Specifications

Model	PUHY-P200YKA (-BS)		PUHY-P250YKA (-BS)		PUHY-P300YKA (-BS)		PUHY-P350YKA (-BS)		
Power source	3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	22.4	28.0	33.5	40.0			
		kcal/h	20,000	25,000	30,000	35,000			
	*1	BTU / h	76,400	95,500	114,300	136,500			
		Power input	kW	5.19	6.89	8.86	11.69		
		Current input	A	8.7-8.3-8.0	11.6-11.0-10.6	14.9-14.2-13.6	19.7-18.7-18.0		
EER	kW / kW	4.31	4.06	3.78	3.42				
Cooling capacity	*4	kW	22.7	28.4	34.0	40.6			
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)			
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)			
Heating capacity (Nominal)	*2	kW	22.4	28.0	33.5	40.0			
		kcal/h	20,000	25,000	30,000	35,000			
	*2	BTU / h	76,400	95,500	114,300	136,500			
		Power input	kW	5.05	6.33	8.11	9.61		
		Current input	A	8.5-8.0-7.8	10.6-10.1-9.7	13.6-13.0-12.5	16.2-15.4-14.8		
COP	kW / kW	4.43	4.42	4.13	4.16				
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)			
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)			
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity		50~130% of outdoor unit capacity		50~130% of outdoor unit capacity			
	Model / Quantity	P15~P250/1~17		P15~P250/1~21		P15~P250/1~26			
Sound pressure level (measured in anechoic room)	dB <A>	57		58		61			
Refrigerant piping diameter	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed (12.7 (1/2) Brazed, farthest length >= 90 m)	9.52 (3/8) Brazed (12.7 (1/2) Brazed, farthest length >= 40 m)	12.7 (1/2) Brazed			
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed			
FAN	Type x Quantity	Propeller fan x 1		Propeller fan x 1		Propeller fan x 1			
	Air flow rate	m ³ /min	175	175	185	210			
		L/s	2,917	2,917	3,083	3,500			
		cfm	6,179	6,179	6,532	7,415			
	Control, Driving mechanism	Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor			
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1			
External static press.	0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)				
Compressor	Type x Quantity	Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor			
	Starting method	Inverter		Inverter		Inverter			
	Motor output	kW	5.5	6.9	8.1	10.4			
	Case heater	kW	-	-	-	-			
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension HxWxD	mm	1,650 x 920 x 740		1,650 x 920 x 740		1,650 x 920 x 740			
	in.	65 x 36-1/4 x 29-3/16		65 x 36-1/4 x 29-3/16		65 x 36-1/4 x 29-3/16			
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection			
Refrigerant	Type x original charge	R410A x 8.0 kg (18 lbs)		R410A x 8.0 kg (18 lbs)		R410A x 11.5 kg (26 lbs)			
Net weight	kg (lbs)	195 (430)		195 (430)		211 (466)			
Heat exchanger	Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube		Salt-resistant cross fin & aluminium tube		Salt-resistant cross fin & copper tube		
Optional parts	Joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010-G		Joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010-G		Joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010-G		Joint: CMY-Y102SS/LS-G2 G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010-G		

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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



OUTDOOR UNIT

Y Series

PUHY-P YKA(-BS)



► Specifications

Model		PUHY-P400YKA (-BS)		PUHY-P450YKA (-BS)		PUHY-P500YKA (-BS)	
Power source		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity (Nominal)	*1	kW	45.0	48.0	55.0		
		kcal/h	40,000	43,000	49,000		
	*1	BTU / h	153,500	163,800	187,700		
		Power input	kW	13.55	15.78	18.39	
		Current input	A	22.8-21.7-20.9	26.6-25.3-24.3	31.0-29.4-28.4	
	EER	kW / kW	3.32	3.04	2.99		
Cooling capacity	*4	kW	45.9	49.0	56.2		
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)		
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)		
Heating capacity (Nominal)	*2	kW	45.0	48.0	55.0		
		kcal/h	40,000	43,000	49,000		
	*2	BTU / h	153,500	163,800	187,700		
		Power input	kW	10.92	13.33	15.71	
		Current input	A	18.4-17.5-16.8	22.5-21.3-20.6	26.5-25.1-24.2	
	COP	kW / kW	4.12	3.60	3.50		
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)		
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)		
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity		50~130% of outdoor unit capacity		50~130% of outdoor unit capacity	
	Model / Quantity	P15~P250/1~34		P15~P250/1~39		P15~P250/1~43	
Sound pressure level (measured in anechoic room)	dB <A>	63		63		65	
Refrigerant piping diameter	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		
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 2		
	Air flow rate	m ³ /min	210	210	360		
		L/s	3,500	3,500	6,000		
		cfm	7,415	7,415	12,712		
	Control, Driving mechanism	Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor		
*3	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 2		
	External static press.	0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)		
Compressor	Type x Quantity		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter		
	Motor output	kW	10.8	12.4	13.3		
	Case heater	kW	-	-	-		
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension HxWxD	mm	1,650 x 1,220 x 740		1,650 x 1,220 x 740		1,650 x 1,750 x 740	
	in.	65 x 48-1/16 x 29-3/16		65 x 48-1/16 x 29-3/16		65 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)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection		
Refrigerant	Type x original charge	R410A x 11.5 kg (26 lbs)		R410A x 11.5 kg (26 lbs)	R410A x 11.8 kg (27 lbs)		
Net weight	kg (lbs)	253 (558)		253 (558)	288 (635)		
Heat exchanger	Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube			
Optional parts	Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G		Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G			

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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

OUTDOOR UNIT Y Series PUHY-P YSKA(-BS)



► Specifications

Model		PUHY-P550YSKA (-BS)		PUHY-P600YSKA (-BS)		PUHY-P650YSKA (-BS)			
Power source		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz			
Cooling capacity (Nominal)	*1	kW	63.0	68.0	73.0				
		kcal/h	55,000	60,000	65,000				
	*1	BTU / h	215,000	232,000	249,100				
		Power input	kW	16.07	18.18	19.78			
		Current input	A	27.1-25.7-24.8	30.6-29.1-28.1	33.3-31.7-30.5			
	EER	kW / kW	3.92	3.74	3.69				
Cooling capacity	*4	kW	63.9	69.4	74.5				
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)				
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)				
Heating capacity (Nominal)	*2	kW	63.0	68.0	73.0				
		kcal/h	55,000	60,000	65,000				
	*2	BTU / h	215,000	232,000	249,100				
		Power input	kW	15.51	16.70	18.02			
		Current input	A	26.1-24.8-23.9	28.1-26.7-25.8	30.4-28.8-27.8			
	COP	kW / kW	4.06	4.07	4.05				
Temp. range of heating	Indoor	W.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)				
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)				
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity				
	Model / Quantity		P15~P250/2~47	P15~P250/2~50	P15~P250/2~50				
Sound pressure level (measured in anechoic room)	dB <A>		63	63	64.5				
Refrigerant piping diameter	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				
Set Model									
Model		PUHY-P250YKA (-BS)		PUHY-P300YKA (-BS)		PUHY-P350YKA (-BS)		PUHY-P400YKA (-BS)	
FAN	Type x Quantity	Propeller fan x 1		Propeller fan x 1		Propeller fan x 1		Propeller fan x 1	
	Air flow rate	m ³ /min	175	185	175	210	175	210	
		L/s	2,917	3,083	2,917	3,500	2,917	3,500	
		cfm	6,179	6,532	6,179	7,415	6,179	7,415	
	Control, Driving mechanism	Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor	
Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1		
*3	External static press.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)		
Compressor	Type x Quantity	Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor			
	Starting method	Inverter		Inverter		Inverter			
	Motor output	kW	6.9	8.1	6.9	10.4	6.9	10.8	
	Case heater	kW	-	-	-	-	-	-	
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>			
External dimension HxWxD	mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740		
	in.	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16		
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection			
Refrigerant	Type x original charge	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 11.5 kg (26 lbs)		
Net weight	kg (lbs)	195 (430)	211 (466)	195 (430)	256 (565)	195 (430)	253 (558)		
Heat exchanger		Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube			
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	12.7 (1/2) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed	15.88 (5/8) Brazed		
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	
Optional parts		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G			

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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



OUTDOOR UNIT

Y Series

PUHY-P YSKA(-BS)



► Specifications

Model		PUHY-P700YSKA (-BS)		PUHY-P750YSKA (-BS)		PUHY-P800YSKA (-BS)		
Power source		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity (Nominal)	*1 kW	76.0		81.5		90.0		
	*1 kcal/h	68,000		73,000		80,000		
	*1 BTU / h	259,300		278,100		307,100		
	Power input kW	21.40		23.90		27.10		
	Current input A	36.1-34.3-33.0		40.3-38.3-36.9		45.7-43.4-41.8		
EER	kW / kW	3.55		3.41		3.32		
Cooling capacity	*4 kW	77.6		83.2		91.3		
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)		15.0~24.0°C (59~75°F)		15.0~24.0°C (59~75°F)	
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)		-5.0~52.0°C (23~126°F)		-5.0~52.0°C (23~126°F)	
Heating capacity (Nominal)	*2 kW	76.0		81.5		90.0		
	*2 kcal/h	68,000		73,000		80,000		
	*2 BTU / h	259,300		278,100		307,100		
	Power input kW	20.00		22.20		23.01		
	Current input A	33.7-32.0-30.9		37.4-35.6-34.3		38.8-36.9-35.5		
COP	kW / kW	3.80		3.67		3.91		
Temp. range of heating	Indoor	W.B.	15.0~27.0°C (59~81°F)		15.0~27.0°C (59~81°F)		15.0~27.0°C (59~81°F)	
	Outdoor	D.B.	-20.0~15.5°C (-4~60°F)		-20.0~15.5°C (-4~60°F)		-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity		50~130% of outdoor unit capacity		50~130% of outdoor unit capacity		
	Model / Quantity	P15~P250/2~50		P15~P250/2~50		P15~P250/2~50		
Sound pressure level (measured in anechoic room)	dB <A>	64.5		65.5		66		
Refrigerant piping diameter	Liquid pipe mm (in.)	19.05 (3/4) Brazed		19.05 (3/4) Brazed		19.05 (3/4) Brazed		
	Gas pipe mm (in.)	34.93 (1-3/8) Brazed		34.93 (1-3/8) Brazed		34.93 (1-3/8) Brazed		
Set Model								
Model		PUHY-P250YKA (-BS)		PUHY-P450YKA (-BS)		PUHY-P400YKA (-BS)		
FAN	Type x Quantity	Propeller fan x 1		Propeller fan x 1		Propeller fan x 1		
	Air flow rate	m ³ /min	175		210		210	
		L/s	2,917		3,500		3,500	
		cfm	6,179		7,415		7,415	
	Control, Driving mechanism	Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		
Motor output kW	0.92 x 1		0.92 x 1		0.92 x 1			
External static press.	*3	0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		
		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		
Compressor	Type x Quantity	Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		
	Starting method	Inverter		Inverter		Inverter		
	Motor output kW	6.9		12.4		10.8		
Case heater	kW	-		-		-		
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension HxWxD	mm	1,650 x 920 x 740		1,650 x 920 x 740		1,650 x 1,220 x 740		
	in.	65 x 36-1/4 x 29-3/16		65 x 48-1/16 x 29-3/16		65 x 48-1/16 x 29-3/16		
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		
Refrigerant	Type x original charge	R410A x 8.0 kg (18 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	
Net weight	kg (lbs)	195 (430)	253 (558)	211 (466)	253 (558)	253 (558)	253 (558)	
Heat exchanger		Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube		
Pipe between unit and distributor	Liquid pipe mm (in.)	9.52 (3/8) Brazed	15.88 (5/8) Brazed	12.7 (1/2) Brazed	15.88 (5/8) 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	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	
Optional parts		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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

OUTDOOR UNIT

Y Series

PUHY-P YSKA(-BS)



► Specifications

Model			PUHY-P850YSKA (-BS)	PUHY-P900YSKA (-BS)		
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	93.0	96.0		
		kcal/h	83,000	86,000		
	*1	BTU / h	317,300	327,600		
		Power input	kW	29.24	31.57	
		Current input	A	49.3-46.8-45.1	53.2-50.6-48.8	
	EER	kW / kW	3.18	3.04		
Cooling capacity	*4	kW	94.4	97.4		
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)		
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)		
Heating capacity (Nominal)	*2	kW	93.0	96.0		
		kcal/h	83,000	86,000		
	*2	BTU / h	317,300	327,600		
		Power input	kW	25.40	28.07	
		Current input	A	42.8-40.7-39.2	47.3-45.0-43.3	
	COP	kW / kW	3.66	3.42		
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)		
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity		
	Model / Quantity		P15~P250/2~50	P15~P250/2~50		
Sound pressure level (measured in anechoic room)		dB <A>	66	66		
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed		
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed		
Set Model						
Model			PUHY-P400YKA (-BS)	PUHY-P450YKA (-BS)	PUHY-P450YKA (-BS)	PUHY-P450YKA (-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m ³ /min	210	210	210	210
		L/s	3,500	3,500	3,500	3,500
		cfm	7,415	7,415	7,415	7,415
		Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
	*3	External static press.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
	Starting method		Inverter	Inverter	Inverter	Inverter
	Motor output	kW	10.8	12.4	12.4	12.4
	Case heater	kW	-	-	-	-
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>
External dimension HxWxD	mm	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	
	in.	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
Refrigerant	Type x original charge		R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)
Net weight	kg (lbs)		253 (558)	253 (558)	253 (558)	253 (558)
Heat exchanger			Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	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	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G	Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G	Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G	Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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



OUTDOOR UNIT

Y Series

PUHY-P YSKA(-BS)



► Specifications

Model			PUHY-P950YSKA (-BS)	PUHY-P1000YSKA (-BS)		
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	103.0	110.0		
		kcal/h	89,000	98,000		
	*1	BTU / h	351,400	375,300		
		Power input	kW	34.21	36.78	
		Current input	A	57.7-54.8-52.8	62.0-58.9-56.8	
	EER	kW / kW	3.01	2.99		
Cooling capacity	*4	kW	105.2	112.3		
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)		
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)		
Heating capacity (Nominal)	*2	kW	103.0	110.0		
		kcal/h	89,000	98,000		
	*2	BTU / h	351,400	375,300		
		Power input	kW	30.56	33.13	
		Current input	A	51.5-49.0-47.2	55.9-53.1-51.2	
	COP	kW / kW	3.37	3.32		
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)		
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity		
	Model / Quantity		P15~P250/2~50	P15~P250/2~50		
Sound pressure level (measured in anechoic room)		dB <A>	67.5	68		
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed		
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed		
Set Model						
Model			PUHY-P450YKA (-BS)	PUHY-P500YKA (-BS)	PUHY-P500YKA (-BS)	PUHY-P500YKA (-BS)
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
	Air flow rate	m ³ /min	210	360	360	360
		L/s	3,500	6,000	6,000	6,000
		cfm	7,415	12,712	12,712	12,712
	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 2	0.92 x 2	0.92 x 2
	*3	External static press.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor	
	Starting method		Inverter	Inverter	Inverter	Inverter
	Motor output	kW	12.4	13.3	13.3	13.3
	Case heater	kW	-	-	-	-
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension HxWxD	mm	1,650 x 1,220 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	
	in.	65 x 48-1/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 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)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection	
Refrigerant	Type x original charge	R410A x 11.5 kg (26 lbs)	R410A x 11.8 kg (27 lbs)	R410A x 11.8 kg (27 lbs)	R410A x 11.8 kg (27 lbs)	
Net weight	kg (lbs)	253 (558)	288 (635)	288 (635)	288 (635)	
Heat exchanger		Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	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	28.58 (1-1/8) Brazed
Optional parts		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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

OUTDOOR UNIT

Y Series

PUHY-P YSKA(-BS)



► Specifications

Model		PUHY-P1050YSKA (-BS)		PUHY-P1100YSKA (-BS)				
Power source		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz				
Cooling capacity (Nominal)	*1 kW	115.0		121.5				
	kcal/h	103,000		108,000				
	*1 BTU / h	392,400		414,600				
	Power input kW	32.57		35.63				
	Current input A	54.9-52.2-50.3		60.1-57.1-55.0				
EER	kW / kW	3.53		3.41				
Cooling capacity	*4 kW	117.4		124.1				
Temp. range of cooling	Indoor W.B.	15.0~24.0°C (59~75°F)		15.0~24.0°C (59~75°F)				
	Outdoor D.B.	-5.0~52.0°C (23~126°F)		-5.0~52.0°C (23~126°F)				
Heating capacity (Nominal)	*2 kW	115.0		121.5				
	kcal/h	103,000		108,000				
	*2 BTU / h	392,400		414,600				
	Power input kW	31.50		33.80				
	Current input A	53.1-50.5-48.6		57.0-54.2-52.2				
COP	kW / kW	3.65		3.59				
Temp. range of heating	Indoor D.B.	15.0~27.0°C (59~81°F)		15.0~27.0°C (59~81°F)				
	Outdoor W.B.	-20.0~15.5°C (-4~60°F)		-20.0~15.5°C (-4~60°F)				
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity		50~130% of outdoor unit capacity				
	Model / Quantity	P15~P250/2~50		P15~P250/2~50				
Sound pressure level (measured in anechoic room)	dB <A>	66.5		66.5				
Refrigerant piping diameter	Liquid pipe mm (in.)	19.05 (3/4) Brazed		19.05 (3/4) Brazed				
	Gas pipe mm (in.)	41.28 (1-5/8) Brazed		41.28 (1-5/8) Brazed				
Set Model								
Model		PUHY-P300YKA (-BS)	PUHY-P300YKA (-BS)	PUHY-P450YKA (-BS)	PUHY-P300YKA (-BS)	PUHY-P350YKA (-BS)	PUHY-P450YKA (-BS)	
FAN	Type x Quantity	Propeller fan x 1		Propeller fan x 1		Propeller fan x 1		
	Air flow rate	m ³ /min	185	185	210	185	210	210
		L/s	3,083	3,083	3,500	3,083	3,500	3,500
		cfm	6,532	6,532	7,415	6,532	7,415	7,415
	Control, Driving mechanism	Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor			
*3 External static press.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)		
Compressor	Type x Quantity	Inverter scroll hermetic compressor			Inverter scroll hermetic compressor			
	Starting method	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	
	Motor output kW	8.1	8.1	12.4	8.1	10.4	12.4	
	Case heater kW	-	-	-	-	-	-	
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>				
External dimension HxWxD	mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	
	in.	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			
	Inverter circuit (COMP/FAN)	Over-heat protection, Over-current protection			Over-heat protection, Over-current protection			
Refrigerant	Type x original charge	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	
Net weight	kg (lbs)	211 (466)	211 (466)	253 (558)	211 (466)	256 (565)	253 (558)	
Heat exchanger	Salt-resistant cross fin & copper tube			Salt-resistant cross fin & copper tube				
Pipe between unit and distributor	Liquid pipe mm (in.)	12.7 (1/2) Brazed	12.7 (1/2) Brazed	15.88 (5/8) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	15.88 (5/8) Brazed	
	Gas pipe mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	
Optional parts	Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G				

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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



OUTDOOR UNIT

Y Series

PUHY-P YSKA(-BS)



► Specifications

Model			PUHY-P1150YSKA (-BS)			PUHY-P1200YSKA (-BS)				
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz			3-phase 4-wire 380-400-415 V 50/60 Hz				
Cooling capacity (Nominal)	*1	kW	130.0			135.0				
		kcal/h	115,000			120,000				
	*1	BTU / h	443,600			460,600				
		Power input	kW	38.80			40.66			
		Current input	A	65.5-62.2-59.9			68.6-65.2-62.8			
	EER	kW / kW	3.35			3.32				
Cooling capacity	*4	kW	132.7			137.8				
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)			15.0~24.0°C (59~75°F)				
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)			-5.0~52.0°C (23~126°F)				
Heating capacity (Nominal)	*2	kW	130.0			135.0				
		kcal/h	115,000			120,000				
	*2	BTU / h	443,600			460,600				
		Power input	kW	35.51			37.70			
		Current input	A	59.9-56.9-54.8			63.6-60.4-58.2			
	COP	kW / kW	3.66			3.58				
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)			15.0~27.0°C (59~81°F)				
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)			-20.0~15.5°C (-4~60°F)				
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity			50~130% of outdoor unit capacity					
	Model / Quantity	P15~P250/2~50			P15~P250/2~50					
Sound pressure level (measured in anechoic room)	dB <A>	67.5			68					
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed			19.05 (3/4) Brazed				
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed			41.28 (1-5/8) Brazed				
Set Model										
Model			PUHY-P350YKA (-BS)		PUHY-P400YKA (-BS)		PUHY-P400YKA (-BS)			
FAN	Type x Quantity	Propeller fan x 1		Propeller fan x 1		Propeller fan x 1		Propeller fan x 1		
	Air flow rate	m ³ /min	210		210		210		210	
		L/s	3,500		3,500		3,500		3,500	
		cfm	7,415		7,415		7,415		7,415	
	Control, Driving mechanism	Inverter-control, Direct-driven by motor				Inverter-control, Direct-driven by motor				
*3	Motor output	0.92 x 1		0.92 x 1		0.92 x 1		0.92 x 1		
	External static press.	0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		
	Compressor	Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		
	Type x Quantity	Inverter		Inverter		Inverter		Inverter		
	Starting method	Inverter		Inverter		Inverter		Inverter		
	Motor output	10.4		10.8		10.8		10.8		
	Case heater	-		-		-		-		
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>				Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>					
External dimension HxWxD	mm	1,650 x 1,220 x 740		1,650 x 1,220 x 740		1,650 x 1,220 x 740		1,650 x 1,220 x 740		
	in.	65 x 48-1/16 x 29-3/16		65 x 48-1/16 x 29-3/16		65 x 48-1/16 x 29-3/16		65 x 48-1/16 x 29-3/16		
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)				High pressure sensor, High pressure switch at 4.15 MPa (601 psi)				
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection				Over-heat protection, Over-current protection				
Refrigerant	Type x original charge	R410A x 11.5 kg (26 lbs)		R410A x 11.5 kg (26 lbs)		R410A x 11.5 kg (26 lbs)		R410A x 11.5 kg (26 lbs)		
Net weight	kg (lbs)	256 (565)		253 (558)		253 (558)		253 (558)		
Heat exchanger	Salt-resistant cross fin & copper tube									
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed		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		28.58 (1-1/8) Brazed	
Optional parts	Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G				Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G					

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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

OUTDOOR UNIT

Y Series

PUHY-P YSKA(-BS)



► Specifications

Model		PUHY-P1250YSKA (-BS)		PUHY-P1300YSKA (-BS)	
Power source		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz	
Cooling capacity (Nominal)	*1 kW	138.0		141.0	
	kcal/h	123,000		126,000	
	*1 BTU / h	470,900		481,100	
	Power input kW	43.12		45.77	
	Current input A	72.7-69.1-66.6		77.2-73.4-70.7	
EER	kW / kW	3.20		3.08	
Cooling capacity	*4 kW	140.9		144.0	
Temp. range of cooling	Indoor W.B.	15.0~24.0°C (59~75°F)		15.0~24.0°C (59~75°F)	
	Outdoor D.B.	-5.0~52.0°C (23~126°F)		-5.0~52.0°C (23~126°F)	
Heating capacity (Nominal)	*2 kW	138.0		141.0	
	kcal/h	123,000		126,000	
	*2 BTU / h	470,900		481,100	
	Power input kW	40.35		42.98	
	Current input A	68.1-64.7-62.3		72.5-68.9-66.4	
COP	kW / kW	3.42		3.28	
Temp. range of heating	Indoor D.B.	15.0~27.0°C (59~81°F)		15.0~27.0°C (59~81°F)	
	Outdoor W.B.	-20.0~15.5°C (-4~60°F)		-20.0~15.5°C (-4~60°F)	
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity		50~130% of outdoor unit capacity	
	Model / Quantity	P15~P250/2~50		P15~P250/2~50	
Sound pressure level (measured in anechoic room)	dB <A>	68		68	
Refrigerant piping diameter	Liquid pipe mm (in.)	19.05 (3/4) Brazed		19.05 (3/4) Brazed	
	Gas pipe mm (in.)	41.28 (1-5/8) Brazed		41.28 (1-5/8) Brazed	

Set Model

Model		PUHY-P400YKA (-BS)	PUHY-P400YKA (-BS)	PUHY-P450YKA (-BS)	PUHY-P400YKA (-BS)	PUHY-P450YKA (-BS)	PUHY-P450YKA (-BS)	
FAN	Type x Quantity	Propeller fan x 1		Propeller fan x 1		Propeller fan x 1		
	Air flow rate	m ³ /min	210		210		210	
		L/s	3,500		3,500		3,500	
		cfm	7,415		7,415		7,415	
	Control, Driving mechanism	Inverter-control, Direct-driven by motor				Inverter-control, Direct-driven by motor		
*3 Motor output	kW	0.92 x 1		0.92 x 1		0.92 x 1		
External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		
Compressor	Type x Quantity	Inverter scroll hermetic compressor						
	Starting method	Inverter		Inverter		Inverter		
	Motor output	kW	10.8		12.4		12.4	
	Case heater	kW	-		-		-	
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>				Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension HxWxD	mm	1,650 x 1,220 x 740		1,650 x 1,220 x 740		1,650 x 1,220 x 740		
	in.	65 x 48-1/16 x 29-3/16		65 x 48-1/16 x 29-3/16		65 x 48-1/16 x 29-3/16		
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)				High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP/FAN)	Over-heat protection, Over-current protection						
Refrigerant	Type x original charge	R410A x 11.5 kg (26 lbs)		R410A x 11.5 kg (26 lbs)		R410A x 11.5 kg (26 lbs)		
Net weight	kg (lbs)	253 (558)		253 (558)		253 (558)		
Heat exchanger		Salt-resistant cross fin & copper tube				Salt-resistant cross fin & copper tube		
Pipe between unit and distributor	Liquid pipe	15.88 (5/8) Brazed		15.88 (5/8) Brazed		15.88 (5/8) Brazed		
	Gas pipe	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed		
Optional parts		Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G				Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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



OUTDOOR UNIT

Y Series

PUHY-P YSKA(-BS)



► Specifications

Model			PUHY-P1350YSKA (-BS)			PUHY-P1400YSKA (-BS)				
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz			3-phase 4-wire 380-400-415 V 50/60 Hz				
Cooling capacity (Nominal)	*1	kW	144.0			151.0				
		kcal/h	129,000			135,000				
	*1	BTU / h	491,300			515,200				
		Power input	kW	48.64			52.24			
		Current input	A	82.1-78.0-75.1			88.1-83.7-80.7			
	EER	kW / kW	2.96			2.89				
Cooling capacity	*4	kW	147.0			154.2				
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)			15.0~24.0°C (59~75°F)				
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)			-5.0~52.0°C (23~126°F)				
Heating capacity (Nominal)	*2	kW	144.0			151.0				
		kcal/h	129,000			135,000				
	*2	BTU / h	491,300			515,200				
		Power input	kW	46.15			49.50			
		Current input	A	77.9-74.0-71.3			83.5-79.3-76.5			
	COP	kW / kW	3.12			3.05				
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)			15.0~27.0°C (59~81°F)				
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)			-20.0~15.5°C (-4~60°F)				
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity			50~130% of outdoor unit capacity					
	Model / Quantity	P15~P250/2~50			P15~P250/2~50					
Sound pressure level (measured in anechoic room)	dB <A>	68			68.5					
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed			19.05 (3/4) Brazed				
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed			41.28 (1-5/8) Brazed				
Set Model										
Model			PUHY-P450YKA (-BS)		PUHY-P450YKA (-BS)		PUHY-P500YKA (-BS)			
FAN	Type x Quantity	Propeller fan x 1		Propeller fan x 1		Propeller fan x 1		Propeller fan x 2		
	Air flow rate	m ³ /min	210		210		210		360	
		L/s	3,500		3,500		3,500		6,000	
		cfm	7,415		7,415		7,415		12,712	
	Control, Driving mechanism	Inverter-control, Direct-driven by motor				Inverter-control, Direct-driven by motor				
*3	Motor output	kW	0.92 x 1		0.92 x 1		0.92 x 1		0.92 x 2	
	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
	Compressor	Type x Quantity	Inverter scroll hermetic compressor				Inverter scroll hermetic compressor			
	Starting method	Inverter		Inverter		Inverter		Inverter		
	Motor output	kW	12.4		12.4		12.4		13.3	
	Case heater	kW	-		-		-		-	
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>				Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>					
External dimension HxWxD	mm	1,650 x 1,220 x 740		1,650 x 1,220 x 740		1,650 x 1,220 x 740		1,650 x 1,750 x 740		
	in.	65 x 48-1/16 x 29-3/16		65 x 48-1/16 x 29-3/16		65 x 48-1/16 x 29-3/16		65 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)				High pressure sensor, High pressure switch at 4.15 MPa (601 psi)				
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection				Over-heat protection, Over-current protection				
Refrigerant	Type x original charge	R410A x 11.5 kg (26 lbs)		R410A x 11.5 kg (26 lbs)		R410A x 11.5 kg (26 lbs)		R410A x 11.8 kg (27 lbs)		
Net weight	kg (lbs)	253 (558)		253 (558)		253 (558)		288 (635)		
Heat exchanger	Salt-resistant cross fin & copper tube									
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed		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		28.58 (1-1/8) Brazed	
Optional parts	Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G				Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G					

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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

OUTDOOR UNIT

Y Series

PUHY-P YSKA(-BS)



► Specifications

Model			PUHY-P1450YSKA (-BS)			PUHY-P1500YSKA (-BS)			
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz			3-phase 4-wire 380-400-415 V 50/60 Hz			
Cooling capacity (Nominal)	*1	kW	158.0			165.0			
		kcal/h	141,000			147,000			
	*1	BTU / h	539,100			563,000			
		Power input	kW	55.83			59.56		
		Current input	A	94.2-89.5-86.3			100.5-95.5-92.0		
	EER	kW / kW	2.83			2.77			
Cooling capacity	*4	kW	161.3			168.5			
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)			15.0~24.0°C (59~75°F)			
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)			-5.0~52.0°C (23~126°F)			
Heating capacity (Nominal)	*2	kW	158.0			165.0			
		kcal/h	141,000			147,000			
	*2	BTU / h	539,100			563,000			
		Power input	kW	52.49			56.12		
		Current input	A	88.6-84.1-81.1			94.7-90.0-86.7		
	COP	kW / kW	3.01			2.94			
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)			15.0~27.0°C (59~81°F)			
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)			-20.0~15.5°C (-4~60°F)			
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity			50~130% of outdoor unit capacity				
	Model / Quantity	P15~P250/2~50			P15~P250/2~50				
Sound pressure level (measured in anechoic room)	dB <A>	69.5			70				
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed			19.05 (3/4) Brazed			
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed			41.28 (1-5/8) Brazed			
Set Model									
Model			PUHY-P450YKA (-BS)	PUHY-P500YKA (-BS)	PUHY-P500YKA (-BS)	PUHY-P500YKA (-BS)	PUHY-P500YKA (-BS)	PUHY-P500YKA (-BS)	
FAN	Type x Quantity	Propeller fan x 1		Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	
	Air flow rate	m ³ /min	210		360	360	360	360	
		L/s	3,500		6,000	6,000	6,000	6,000	
		cfm	7,415		12,712	12,712	12,712	12,712	
	Control, Driving mechanism	Inverter-control, Direct-driven by motor				Inverter-control, Direct-driven by motor			
*3	Motor output	0.92 x 1		0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	
	External static press.	0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	
	Compressor	Type x Quantity	Inverter scroll hermetic compressor				Inverter scroll hermetic compressor		
	Starting method	Inverter		Inverter	Inverter	Inverter	Inverter	Inverter	
	Motor output	12.4		13.3	13.3	13.3	13.3	13.3	
	Case heater	-		-	-	-	-	-	
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>				Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>				
External dimension HxWxD	mm	1,650 x 1,220 x 740		1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740	1,650 x 1,750 x 740		
	in.	65 x 48-1/16 x 29-3/16		65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 x 68-15/16 x 29-3/16	65 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)				High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			
	Inverter circuit (COMP/FAN)	Over-heat protection, Over-current protection				Over-heat protection, Over-current protection			
Refrigerant	Type x original charge	R410A x 11.5 kg (26 lbs)	R410A x 11.8 kg (27 lbs)	R410A x 11.8 kg (27 lbs)	R410A x 11.8 kg (27 lbs)	R410A x 11.8 kg (27 lbs)	R410A x 11.8 kg (27 lbs)		
Net weight	kg (lbs)	253 (558)	288 (635)	288 (635)	288 (635)	288 (635)	288 (635)		
Heat exchanger	Salt-resistant cross fin & copper tube				Salt-resistant cross fin & copper tube				
Pipe between unit and distributor	Liquid pipe	mm (in.)	15.88 (5/8) Brazed		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	28.58 (1-1/8) Brazed		
Optional parts	Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G				Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G				

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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



OUTDOOR UNIT Y Series - High COP PUHY-EP YSKA(-BS)



► Specifications

Model		PUHY-EP400YSKA (-BS)		PUHY-EP450YSKA (-BS)		PUHY-EP500YSKA (-BS)		
Power source		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz		3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	44.8	50.4	56.0			
		kcal/h	40,000	45,000	50,000			
	*1	BTU / h	152,900	172,000	191,100			
		Power input	kW	10.39	12.05	13.79		
		Current input	A	17.5-16.6-16.0	20.3-19.3-18.6	23.2-22.1-21.3		
	EER	kW / kW	4.31	4.18	4.06			
Cooling capacity	*4	kW	45.4	51.1	56.8			
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)			
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)			
Heating capacity (Nominal)	*2	kW	44.8	50.4	56.0			
		kcal/h	40,000	45,000	50,000			
	*2	BTU / h	152,900	172,000	191,100			
		Power input	kW	10.66	12.00	13.36		
		Current input	A	17.9-17.0-16.4	20.2-19.2-18.5	22.5-21.4-20.6		
	COP	kW / kW	4.20	4.20	4.19			
Temp. range of heating	Indoor	W.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)			
	Outdoor	D.B.	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)			
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity		50~130% of outdoor unit capacity		50~130% of outdoor unit capacity		
	Model / Quantity	P15~P250/1~34		P15~P250/1~39		P15~P250/1~43		
Sound pressure level (measured in anechoic room)	dB <A>	60		60.5		61		
Refrigerant piping diameter	Liquid pipe	12.7 (1/2) Brazed		15.88 (5/8) Brazed		15.88 (5/8) Brazed		
	Gas pipe	28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed		
Set Model								
Model		PUHY-P200YKA (-BS)		PUHY-P250YKA (-BS)		PUHY-P250YKA (-BS)		
FAN	Type x Quantity	Propeller fan x 1		Propeller fan x 1		Propeller fan x 1		
	Air flow rate	m ³ /min	175	175	175	175	175	
		L/s	2,917	2,917	2,917	2,917	2,917	
		cfm	6,179	6,179	6,179	6,179	6,179	
	Control, Driving mechanism	Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		Inverter-control, Direct-driven by motor		
*3	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1		
	External static press.	0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		
Compressor	Type x Quantity	Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		Inverter scroll hermetic compressor		
	Starting method	Inverter		Inverter		Inverter		
	Motor output	kW	5.5	5.5	5.5	6.9	6.9	
	Case heater	kW	-	-	-	-	-	
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension HxWxD	mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 920 x 740	
	in.	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		Over-heat protection, Over-current protection		
Refrigerant	Type x original charge	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	
Net weight	kg (lbs)	195 (430)	195 (430)	195 (430)	195 (430)	195 (430)	195 (430)	
Heat exchanger		Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	
Optional parts		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2 Header: CMY-Y104/108/1010-G		

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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

OUTDOOR UNIT Y Series - High COP PUHY-EP YSKA(-BS)



► Specifications

Model			PUHY-EP650YSKA (-BS)	PUHY-EP700YSKA (-BS)			
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz	3-phase 4-wire 380-400-415 V 50/60 Hz			
Cooling capacity (Nominal)	*1	kW	73.5	80.0			
		kcal/h	65,000	70,000			
	*1	BTU / h	250,800	273,000			
		Power input	kW	20.41	23.39		
		Current input	A	34.4-32.7-31.5	39.4-37.5-36.1		
	EER	kW / kW	3.60	3.42			
Cooling capacity	*4	kW	75.0	81.2			
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)	15.0~24.0°C (59~75°F)			
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)	-5.0~52.0°C (23~126°F)			
Heating capacity (Nominal)	*2	kW	73.5	80.0			
		kcal/h	65,000	70,000			
	*2	BTU / h	250,800	273,000			
		Power input	kW	18.70	20.25		
		Current input	A	31.5-29.9-28.9	34.1-32.4-31.3		
	COP	kW / kW	3.93	3.95			
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)	15.0~27.0°C (59~81°F)			
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)	-20.0~15.5°C (-4~60°F)			
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity			
	Model / Quantity		P15~P250/2~50	P15~P250/2~50			
Sound pressure level (measured in anechoic room)	dB <A>		64	64			
Refrigerant piping diameter	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	19.05 (3/4) Brazed			
	Gas pipe	mm (in.)	28.58 (1-1/8) Brazed	34.93 (1-3/8) Brazed			
Set Model							
Model			PUHY-P300YKA (-BS)	PUHY-P350YKA (-BS)	PUHY-P350YKA (-BS)	PUHY-P350YKA (-BS)	
FAN	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	
	Air flow rate	m ³ /min		185	210	210	210
		L/s		3,083	3,500	3,500	3,500
		cfm		6,532	7,415	7,415	7,415
		Control, Driving mechanism		Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	
	*3	External static press.		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Type x Quantity		Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	
	Starting method		Inverter	Inverter	Inverter	Inverter	
	Motor output	kW	8.1	10.4	10.4	10.4	
	Case heater	kW	-	-	-	-	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension HxWxD	mm		1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	
	in.		65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	
Refrigerant	Type x original charge		R410A x 8.0 kg (18 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	
Net weight	kg (lbs)		211 (466)	256 (565)	256 (565)	256 (565)	
Heat exchanger			Salt-resistant cross fin & copper tube		Salt-resistant cross fin & copper tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	12.7 (1/2) 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	28.58 (1-1/8) Brazed	
Optional parts			Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202S/302S-G2 Header: CMY-Y104/108/1010-G		

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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



OUTDOOR UNIT Y Series - High COP PUHY-EP YSKA(-BS)



► Specifications

Model			PUHY-EP750YSKA (-BS)			PUHY-EP800YSKA (-BS)				
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz			3-phase 4-wire 380-400-415 V 50/60 Hz				
Cooling capacity (Nominal)	*1	kW	84.8			90.4				
		kcal/h	75,000			80,000				
	*1	BTU / h	289,300			308,400				
		Power input	kW	21.14			23.00			
		Current input	A	35.6-33.9-32.6			38.8-36.8-35.5			
	EER	kW / kW	4.01			3.93				
Cooling capacity	*4	kW	86.6			92.3				
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)			15.0~24.0°C (59~75°F)				
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)			-5.0~52.0°C (23~126°F)				
Heating capacity (Nominal)	*2	kW	84.8			90.4				
		kcal/h	75,000			80,000				
	*2	BTU / h	289,300			308,400				
		Power input	kW	20.58			21.99			
		Current input	A	34.7-33.0-31.8			37.1-35.2-33.9			
	COP	kW / kW	4.12			4.11				
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)			15.0~27.0°C (59~81°F)				
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)			-20.0~15.5°C (-4~60°F)				
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity			50~130% of outdoor unit capacity					
	Model / Quantity	P15~P250/2~50			P15~P250/2~50					
Sound pressure level (measured in anechoic room)	dB <A>	64			64					
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed			19.05 (3/4) Brazed				
	Gas pipe	mm (in.)	34.93 (1-3/8) Brazed			34.93 (1-3/8) Brazed				
Set Model										
Model			PUHY-P200YKA (-BS)		PUHY-P250YKA (-BS)		PUHY-P350YKA (-BS)			
FAN	Type x Quantity	Propeller fan x 1		Propeller fan x 1		Propeller fan x 1		Propeller fan x 1		
	Air flow rate	m ³ /min	175		175		210		175	
		L/s	2,917		2,917		3,500		2,917	
		cfm	6,179		6,179		7,415		6,179	
	Control, Driving mechanism	Inverter-control, Direct-driven by motor				Inverter-control, Direct-driven by motor				
*3	Motor output	kW	0.92 x 1		0.92 x 1		0.92 x 1		0.92 x 1	
	External static press.		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	
	Compressor	Type x Quantity	Inverter scroll hermetic compressor				Inverter scroll hermetic compressor			
	Starting method	Inverter		Inverter		Inverter		Inverter		
	Motor output	kW	5.5		5.5		10.4		10.4	
	Case heater	kW	-		-		-		-	
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>				Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>					
External dimension HxWxD	mm	1,650 x 920 x 740		1,650 x 920 x 740		1,650 x 920 x 740		1,650 x 920 x 740		
	in.	65 x 36-1/4 x 29-3/16		65 x 36-1/4 x 29-3/16		65 x 48-1/16 x 29-3/16		65 x 36-1/4 x 29-3/16		
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)				High pressure sensor, High pressure switch at 4.15 MPa (601 psi)				
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection				Over-heat protection, Over-current protection				
Refrigerant	Type x original charge	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 11.5 kg (26 lbs)			
Net weight	kg (lbs)	195 (430)		195 (430)		256 (565)		195 (430)		
Heat exchanger	Salt-resistant cross fin & copper tube				Salt-resistant cross fin & copper tube					
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed		9.52 (3/8) Brazed		12.7 (1/2) Brazed		9.52 (3/8) Brazed	
	Gas pipe	mm (in.)	22.2 (7/8) Brazed		22.2 (7/8) Brazed		28.58 (1-1/8) Brazed		22.2 (7/8) Brazed	
Optional parts	Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G				Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G					

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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

OUTDOOR UNIT Y Series - High COP PUHY-EP YSKA(-BS)



► Specifications

Model			PUHY-EP850YSKA (-BS)			PUHY-EP900YSKA (-BS)				
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz			3-phase 4-wire 380-400-415 V 50/60 Hz				
Cooling capacity (Nominal)	*1	kW	96.0			101.5				
		kcal/h	85,000			90,000				
	*1	BTU / h	327,600			346,300				
		Power input	kW	25.00			27.06			
		Current input	A	42.2-40.0-38.6			45.6-43.3-41.8			
	EER	kW / kW	3.84			3.75				
Cooling capacity	*4	kW	98.0			103.6				
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)			15.0~24.0°C (59~75°F)				
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)			-5.0~52.0°C (23~126°F)				
Heating capacity (Nominal)	*2	kW	96.0			101.5				
		kcal/h	85,000			90,000				
	*2	BTU / h	327,600			346,300				
		Power input	kW	23.35			25.24			
		Current input	A	39.4-37.4-36.0			42.6-40.4-39.0			
	COP	kW / kW	4.11			4.02				
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)			15.0~27.0°C (59~81°F)				
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)			-20.0~15.5°C (-4~60°F)				
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity			50~130% of outdoor unit capacity					
	Model / Quantity	P15~P250/2~50			P15~P250/2~50					
Sound pressure level (measured in anechoic room)	dB <A>	64			65					
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed			19.05 (3/4) Brazed				
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed			41.28 (1-5/8) Brazed				
Set Model										
Model			PUHY-P250YKA (-BS)	PUHY-P250YKA (-BS)	PUHY-P350YKA (-BS)	PUHY-P250YKA (-BS)	PUHY-P300YKA (-BS)	PUHY-P350YKA (-BS)		
FAN	Type x Quantity	Propeller fan x 1			Propeller fan x 1			Propeller fan x 1		
	Air flow rate	m ³ /min	175	175	210	175	185	210		
		L/s	2,917	2,917	3,500	2,917	3,083	3,500		
		cfm	6,179	6,179	7,415	6,179	6,532	7,415		
	Control, Driving mechanism	Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
*3	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1		
	External static press.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)		
Compressor	Type x Quantity	Inverter scroll hermetic compressor			Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter			
	Motor output	kW	6.9	6.9	10.4	6.9	8.1	10.4		
	Case heater	kW	—	—	—	—	—	—		
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>			
External dimension HxWxD	mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740			
	in.	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16			
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection			Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 11.5 kg (26 lbs)			
Net weight	kg (lbs)	195 (430)	195 (430)	256 (565)	195 (430)	211 (466)	256 (565)			
Heat exchanger	Salt-resistant cross fin & copper tube			Salt-resistant cross fin & copper tube			Salt-resistant cross fin & copper tube			
Pipe between unit and distributor	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed		
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed		
Optional parts	Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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



OUTDOOR UNIT Y Series - High COP PUHY-EP YSKA(-BS)



► Specifications

Model			PUHY-EP950YSKA (-BS)			PUHY-EP1000YSKA (-BS)			
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz			3-phase 4-wire 380-400-415 V 50/60 Hz			
Cooling capacity (Nominal)	*1	kW	107.0			113.5			
		kcal/h	95,000			100,000			
	*1	BTU / h	365,100			387,300			
		Power input	kW	29.23			32.06		
		Current input	A	49.3-46.8-45.1			54.1-51.4-49.5		
	EER	kW / kW	3.66			3.54			
Cooling capacity	*4	kW	109.2			115.9			
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)			15.0~24.0°C (59~75°F)			
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)			-5.0~52.0°C (23~126°F)			
Heating capacity (Nominal)	*2	kW	107.0			113.5			
		kcal/h	95,000			100,000			
	*2	BTU / h	365,100			387,300			
		Power input	kW	27.22			28.80		
		Current input	A	45.9-43.6-42.0			48.6-46.1-44.5		
	COP	kW / kW	3.93			3.94			
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)			15.0~27.0°C (59~81°F)			
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)			-20.0~15.5°C (-4~60°F)			
Indoor unit connectable	Total capacity	50~130% of outdoor unit capacity			50~130% of outdoor unit capacity				
	Model / Quantity	P15~P250/2~50			P15~P250/2~50				
Sound pressure level (measured in anechoic room)	dB <A>	66			66				
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed			19.05 (3/4) Brazed			
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed			41.28 (1-5/8) Brazed			
Set Model									
Model			PUHY-P300YKA (-BS)	PUHY-P300YKA (-BS)	PUHY-P350YKA (-BS)	PUHY-P300YKA (-BS)	PUHY-P350YKA (-BS)	PUHY-P350YKA (-BS)	
FAN	Type x Quantity	Propeller fan x 1		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	
	Air flow rate	m ³ /min	185		185	210	185	210	210
		L/s	3,083		3,083	3,500	3,083	3,500	3,500
		cfm	6,532		6,532	7,415	6,532	7,415	7,415
	Control, Driving mechanism	Inverter-control, Direct-driven by motor				Inverter-control, Direct-driven by motor			
*3	Motor output	0.92 x 1		0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1	
	External static press.	0 Pa (0 mmH ₂ O)		0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	
	Type x Quantity	Inverter scroll hermetic compressor							
Compressor	Starting method	Inverter		Inverter	Inverter	Inverter	Inverter	Inverter	
	Motor output	8.1		8.1	10.4	8.1	10.4	10.4	
	Case heater	-		-	-	-	-	-	
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>				Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>				
External dimension HxWxD	mm	1,650 x 920 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 920 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	
	in.	65 x 36-1/4 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 36-1/4 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)				High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection				Over-heat protection, Over-current protection			
Refrigerant	Type x original charge	R410A x 8.0 kg (18 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 8.0 kg (18 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	
Net weight	kg (lbs)	211 (466)	211 (466)	256 (565)	211 (466)	256 (565)	256 (565)	256 (565)	
Heat exchanger	Salt-resistant cross fin & copper tube								
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	
	Gas pipe	mm (in.)	22.2 (7/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	22.2 (7/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	
Optional parts	Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G				Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G				

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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

OUTDOOR UNIT Y Series - High COP PUHY-EP YSKA(-BS)



► Specifications

Model			PUHY-EP1050YSKA (-BS)			PUHY-EP1100YSKA (-BS)		
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz			3-phase 4-wire 380-400-415 V 50/60 Hz		
Cooling capacity (Nominal)	*1	kW	120.0			125.0		
		kcal/h	105,000			110,000		
	*1	BTU / h	409,400			426,500		
		Power input	kW	35.08			36.76	
		Current input	A	59.2-56.2-54.2			62.0-58.9-56.8	
	EER	kW / kW	3.42			3.40		
Cooling capacity	*4	kW	122.5			127.6		
Temp. range of cooling	Indoor	W.B.	15.0~24.0°C (59~75°F)			15.0~24.0°C (59~75°F)		
	Outdoor	D.B.	-5.0~52.0°C (23~126°F)			-5.0~52.0°C (23~126°F)		
Heating capacity (Nominal)	*2	kW	120.0			125.0		
		kcal/h	105,000			110,000		
	*2	BTU / h	409,400			426,500		
		Power input	kW	31.25			33.24	
		Current input	A	52.7-50.1-48.3			56.1-53.3-51.3	
	COP	kW / kW	3.84			3.76		
Temp. range of heating	Indoor	D.B.	15.0~27.0°C (59~81°F)			15.0~27.0°C (59~81°F)		
	Outdoor	W.B.	-20.0~15.5°C (-4~60°F)			-20.0~15.5°C (-4~60°F)		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity			50~130% of outdoor unit capacity		
	Model / Quantity		P15~P250/2~50			P15~P250/2~50		
Sound pressure level (measured in anechoic room)	dB <A>		66			67		
Refrigerant piping diameter	Liquid pipe	mm (in.)	19.05 (3/4) Brazed			19.05 (3/4) Brazed		
	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed			41.28 (1-5/8) Brazed		
Set Model								
Model			PUHY-P350YKA (-BS)	PUHY-P350YKA (-BS)	PUHY-P350YKA (-BS)	PUHY-P350YKA (-BS)	PUHY-P350YKA (-BS)	PUHY-P400YKA (-BS)
FAN	Type x Quantity		Propeller fan x 1			Propeller fan x 1		
	Air flow rate	m ³ /min	210			210		
		L/s	3,500			3,500		
		cfm	7,415			7,415		
	Control, Driving mechanism		Inverter-control, Direct-driven by motor			Inverter-control, Direct-driven by motor		
*3	Motor output	kW	0.92 x 1			0.92 x 1		
	External static press.		0 Pa (0 mmH ₂ O)			0 Pa (0 mmH ₂ O)		
	Compressor	Type x Quantity	Inverter scroll hermetic compressor			Inverter scroll hermetic compressor		
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	10.4			10.4		
	Case heater	kW	-			-		
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension HxWxD	mm		1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740	1,650 x 1,220 x 740
	in.		65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16	65 x 48-1/16 x 29-3/16
Protection devices	High pressure protection		High pressure sensor, High pressure switch at 4.15 MPa (601 psi)			High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			Over-heat protection, Over-current protection		
Refrigerant	Type x original charge		R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)
Net weight	kg (lbs)		256 (565)	256 (565)	256 (565)	256 (565)	256 (565)	253 (558)
Heat exchanger			Salt-resistant cross fin & copper tube			Salt-resistant cross fin & copper tube		
Pipe between unit and distributor	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	12.7 (1/2) Brazed	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	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed	28.58 (1-1/8) Brazed
Optional parts			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			Outdoor Twinning kit: CMY-Y300VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		

Notes:

*1,*2 Nominal conditions

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

*3 External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).

*4 Reference data under condition of Indoor 27°C DB/19.5°C WB(81°F DB/67°F WB) Outdoor 35°C DB(95°F DB)

*Nominal condition *1,*2 are subject to JIS B8615-2.

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

