OUTDOOR UNIT
Y Series
PUHY-P YHM-A(-BS)



▸Specifications

				PUHY-P200YHM-A(-BS)	PUHY-P250YHM-A(-BS)	PUHY-P300YHM-A(-BS)
Power source				3-phase 4-wire 380-400-415V 50/60Hz		
Cooling capacity (Nominal)		※1	kW	22.4	28.0	33.5
		※1	BTU/h	76,400	95,500	114,300
	Power input		kW	5.72	7.73	9.07
	Current input		A	9.6-9.1-8.8	13.0-12.3-11.9	15.3-14.5-14.0
	COP (kW/kW)			3.91	3.62	3.69
Temp. range of cooling	Indoor		W.B.	15~24˚C(59~75˚F)		
	Outdoor		D.B.	- 5~43˚C(23~109˚F)		
Heating capacity (Nominal)		※2	kW	25.0	31.5	37.5
		※2	BTU/h	85,300	107,500	128,000
	Power input		kW	6.03	7.83	9.39
	Current input		A	10.1-9.6-9.3	13.2-12.5-12.1	15.8-15.0-14.5
	COP (kW/kW)			4.14	4.02	3.99
Temp. range of heating	Indoor temp.		D.B.	15~27˚C(59~81˚F)		
	Outdoor temp.		W.B.	-20~15.5˚C(-4~60˚F)		
Indoor unit connectable	Total 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>	56	57	59
Diameter of refrigerant pipe	Liquid		mm(in.)	ø9.52 (ø3/8) Brazed	ø9.52 (ø3/8) Brazed (ø12.7 (ø1/2) Brazed , total length >=90m)	ø9.52 (ø3/8) Brazed (ø12.7 (ø1/2) Brazed , total length>=40m)
	Gas		mm(in.)	ø19.05 (ø3/4) Brazed	ø22.2 (ø7/8) Brazed	ø22.2 (ø7/8) Brazed
External finish				Pre-coated galvanized steel sheets (+ powder coating for-BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension H X W X D			mm	1,710(without legs 1,650) X 920 X 760	1,710(without legs 1,650) X 920 X 760	1,710(without legs 1,650) X 920 X 760
			in.	67-3/8(without legs 65) X 36-1/4 X 29-15/16	67-3/8(without legs 65) X 36-1/4 X 29-15/16	67-3/8(without legs 65) X 36-1/4 X 29-15/16
Net weight			kg(lbs)	185 (408)	210 (463)	215 (474)
Heat exchanger				Salt-resistant cross fin & copper tube		
Compressor	Type			Inverter scroll hermetic compressor		
	Starting method			Inverter		
	Motor output		kW	5.4	6.7	8.2
FAN	Air flow rate		m^3/min	185	185	185
			L/s	3,083	3,083	3,083
			cfm	6,532	6,532	6,532
	Type X Quantity			Propeller fan X 1	Propeller fan X 1	Propeller fan X 1
	Motor output		kW	0.46 X 1	0.46 X 1	0.46 X 1
Protection	High pressure protection			High pressure sensor, High pressure switch 4.15 MPa (601 psi)		
	Inverter circuit (COMP. / FAN)			Over-heat protection, Over-current protection		
	Compressor			Over-heat protection		
Refrigerant	Type X Original charge			R410A X 6.5kg (15 lbs)	R410A X 9.0kg (20 lbs)	R410A X 9.0kg (20 lbs)
Optional parts				joint : CMY-Y102S-G2 Header : CMY-Y104 / 108 / 1010-G	joint : CMY-Y102S / L-G2 Header : CMY-Y104 / 108 / 1010-G	

Note:

※1 Nominal cooling conditions
Indoor 27˚C (81˚F) DB/19˚C (66˚F) WB, Outdoor 35˚C (95˚F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※2 Nominal heating conditions
Indoor 20˚C (68˚F) DB,Outdoor 7˚C (45˚F) DB/6˚C (43˚F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※3 -5˚C (23˚F) DB/-6˚C (21˚F) WB~21˚C (70˚F) DB/15.5˚C (60˚F) WB with cooling/heating mixed operation.

OUTDOOR UNIT
Y Series
PUHY-P YHM-A(-BS)



▸Specifications

				PUHY-P350YHM-A(-BS)	PUHY-P400YHM-A(-BS)	PUHY-P450YHM-A(-BS)
Power source				3-phase 4-wire 380-400-415V 50/60Hz		
Cooling capacity (Nominal)		※1	kW	40.0	45.0	50.0
		※1	BTU/h	136,500	153,500	170,600
	Power input		kW	11.20	13.23	16.28
	Current input		A	18.9-17.9-17.3	22.3-21.2-20.4	27.4-26.1-25.1
	COP (kW/kW)			3.57	3.40	3.07
Temp. range of cooling	Indoor		W.B.	15~24˚C (59~75˚F)		
	Outdoor		D.B.	- 5~43˚C (23~109˚F)		
Heating capacity (Nominal)		※2	kW	45.0	50.0	56.0
		※2	BTU/h	153,500	170,600	191,100
	Power input		kW	12.09	13.47	15.38
	Current input		A	20.4-19.3-18.6	22.7-21.6-20.8	25.9-24.6-23.7
	COP (kW/kW)			3.72	3.71	3.64
Temp. range of heating	Indoor temp.		D.B.	15~27˚C (59~81˚F)		
	Outdoor temp.		W.B.	-20~15.5˚C (-4~60˚F)		
Indoor unit connectable	Total capacity			50~130% of outdoor unit capacity		
	Model/Quantity			P15~P250 / 1~30	P15~P250 / 1~34	P15~P250 / 1~39
Sound pressure level (measured in anechoic room)			dB<A>	60	61	62
Diameter of refrigerant pipe	Liquid		mm(in.)	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø15.88 (ø5/8) Brazed
	Gas		mm(in.)	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed
External finish				Pre-coated galvanized steel sheets (+ powder coating for-BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension H X W X D			mm	1,710(without legs 1,650) X 1,220 X 760	1,710(without legs 1,650) X 1,220 X 760	1,710(without legs 1,650) X 1,220 X 760
			in.	67-3/8(without legs 65) 5 48-1/16 5 29-15/16	67-3/8(without legs 65) 5 48-1/16 5 29-15/16	67-3/8(without legs 65) 5 48-1/16 5 29-15/16
Net weight			kg(lbs)	245 (541)	245 (541)	245 (541)
Heat exchanger				Salt-resistant cross fin & copper tube		
Compressor	Type			Inverter scroll hermetic compressor		
	Starting method			Inverter		
	Motor output		kW	10.3	10.5	12.0
FAN	Air flow rate		m^3/min	225	225	225
			L/s	3,750	3,750	3,750
			cfm	7,945	7,945	7,945
	Type X Quantity			Propeller fan X 1	Propeller fan X 1	Propeller fan X 1
	Motor output		kW	0.46 X 1	0.46 X 1	0.46 X 1
Protection	High pressure protection			High pressure sensor, High pressure switch 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)			Over-heat protection, Over-current protection		
	Compressor			Over-heat protection		
Refrigerant	Type X Original charge			R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)
Optional parts				joint : CMY-Y102S / L-G2, CMY-Y202-G2 Header : CMY-Y104 / 108 / 1010-G		

Note:

※1 Nominal cooling conditions
Indoor 27˚C (81˚F) DB/19˚C (66˚F) WB, Outdoor 35˚C (95˚F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※2 Nominal heating conditions
Indoor 20˚C (68˚F) DB,Outdoor 7˚C (45˚F) DB/6˚C (43˚F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※3 -5˚C (23˚F) DB/-6˚C (21˚F) WB~21˚C (70˚F) DB/15.5˚C (60˚F) WB with cooling/heating mixed operation.

OUTDOOR UNIT
Y Series
PUHY-P YSHM-A(-BS)



▸Specifications

Set name			PUHY-P500YSHM-A(-BS)	PUHY-P550YSHM-A(-BS)	PUHY-P600YSHM-A(-BS)	PUHY-P650YSHM-A(-BS)
Power source			3-phase 4-wire 380-400-415V 50/60Hz			
Cooling capacity (Nominal)	※1	kW	56.0	63.0	69.0	73.0
	※1	BTU/h	191,100	215,000	235,400	249,100
	Power input	kW	16.47	18.36	18.75	20.79
	Current input	A	27.8-26.4-25.4	30.9-29.4-28.3	31.6-30.0-28.9	35.0-33.3-32.1
	COP (kW / kW)		3.40	3.43	3.68	3.51
Temp. range of cooling ※4	Indoor	W.B.	15~24˚C (59~75˚F)			
	Outdoor	D.B.	- 5~43˚C (23~109˚F)			
Heating capacity (Nominal)	※2	kW	63.0	69.0	76.5	81.5
	※2	BTU/h	215,000	235,400	261,000	278,100
	Power input	kW	16.40	18.06	19.92	21.90
	Current input	A	27.6-26.3-25.3	30.4-28.9-27.9	33.6-31.9-30.7	36.9-35.1-33.8
	COP (kW/kW)		3.84	3.82	3.84	3.72
Temp. range of heating ※4	Indoor temp.	D.B.	15~27˚C (59~81˚F)			
	Outdoor temp.	W.B.	-20~15.5˚C (-4~60˚F)			
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity			
	Model/Quantity		P15~P250 / 1~43	P15~P250 / 1~47	P15~P250 / 1~50	P15~P250 / 1~50
Sound pressure level (measured in anechoic room)		dB <A>	60	61	62	62.5
Diameter of refrigerant pipe	Liquid	mm(in.)	ø15.88 (ø5/8) Brazed	ø15.88 (ø5/8) Brazed	ø15.88 (ø5/8) Brazed	ø15.88 (ø5/8) Brazed
	Gas	mm(in.)	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed
Outdoor unit 1 and Outdoor unit 2			PUHY-P250YHM-A (-BS)	PUHY-P250YHM-A (-BS)	PUHY-P250YHM-A (-BS)	PUHY-P300YHM-A (-BS)	PUHY-P250YHM-A (-BS)	PUHY-P350YHM-A (-BS)	PUHY-P300YHM-A (-BS)	PUHY-P350YHM-A (-BS)
External finish			Pre-coated galvanized steel sheets (+ powder coating for-BS type) <MUNSELL 5Y 8/1 or similar>							
External dimension H X W X D ※3		mm	1,710 X 920 X 760	1,710 X 920 X 760	1,710 X 920 X 760	1,710 X 920 X 760	1,710 X 920 X 760	1,710 X 1,220 X 760	1,710 X 920 X 760	1,710 X 1,220 X 760
		in.	67-3/8 X 36-1/4 X 29-15/16	67-3/8 X 36-1/4 X 29-15/16	67-3/8 X 36-1/4 X 29-15/16	67-3/8 X 36-1/4 X 29-15/16	67-3/8 X 36-1/4 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 36-1/4 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16
Net weight		kg(lbs)	215 (474)	215 (474)	215 (474)	215 (474)	215 (474)	245 (541)	215 (474)	245 (541)
Heat exchanger			Salt-resistant cross fin & copper tube							
Compressor	Type		Inverter scroll hermetic compressor							
	Starting method		Inverter							
	Motor output	kW	6.7	6.7	6.7	8.2	6.7	10.3	8.2	10.3
FAN	Air flow rate	m^3/min	185	185	185	185	185	225	185	225
		L/s	3,083	3,083	3,083	3,083	3,083	3,750	3,083	3,750
		cfm	6,532	6,532	6,532	6,532	6,532	7,945	6,532	7,945
	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	Propeller fan X 1	Propeller fan X 1
	Motor output	kW	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1
Protection	High pressure protection		High pressure sensor, High pressure switch 4.15 MPa (601 psi)							
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection							
	Compressor		Over-heat protection							
Refrigerant	Type X Original charge		R410A X 9.0kg (20 lbs)	R410A X 9.0kg (20 lbs)	R410A X 9.0kg (20 lbs)	R410A X 9.0kg (20 lbs)	R410A X 9.0kg (20 lbs)	R410A X 11.5kg (26 lbs)	R410A X 9.0kg (20 lbs)	R410A X 11.5kg (26 lbs)
Pipe between unit distributor	Liquid	mm(in.)	ø9.52 (ø3/8) Brazed	ø9.52 (ø3/8) Brazed	ø12.7 (ø1/2) Brazed	ø9.52 (ø3/8) Brazed	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed
	Gas	mm(in.)	ø22.2 (ø7/8) Brazed	ø22.2 (ø7/8) Brazed	ø22.2 (ø7/8) Brazed	ø22.2 (ø7/8) Brazed	ø28.58 (ø1-1/8) Brazed	ø22.2 (ø7/8) Brazed	ø28.58 (ø1-1/8) Brazed	
Optional parts			Outdoor Twinning Kit : CMY-Y100VBK2 joint : CMY-Y102S / L-G2, CMY-Y202-G2 Header : CMY-Y104 / 108 / 1010-G	Outdoor Twinning Kit : CMY-Y100VBK2 joint : CMY-Y102S / L-G2, CMY-Y202 / 302-G2 Header : CMY-Y104 / 108 / 1010-G						

Note:

※1 Nominal cooling conditions
Indoor 27˚C (81˚F) DB/19˚C (66˚F) WB, Outdoor 35˚C (95˚F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※2 Nominal heating conditions
Indoor 20˚C (68˚F) DB,Outdoor 7˚C (45˚F) DB/6˚C (43˚F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※3 Height without legs 1650mm
(65 in.)

※4 -5˚C (23˚F) DB/-6˚C (21˚F) WB~21˚C (70˚F) DB/15.5˚C (60˚F) WB with cooling/heating mixed operation.

OUTDOOR UNIT
Y Series
PUHY-P YSHM-A(-BS)



▸Specifications

Set name			PUHY-P700YSHM-A(-BS)	PUHY-P750YSHM-A(-BS)	PUHY-P800YSHM-A(-BS)
Power source			3-phase 4-wire 380-400-415V 50/60Hz		
Cooling capacity (Nominal)	※1	kW	80.0	85.0	90.0
	※1	BTU/h	273,000	290,000	307,100
	Power input	kW	22.47	25.07	27.69
	Current input	A	37.9-36.0-34.7	42.3-40.2-38.7	46.7-44.4-42.8
	COP (kW/kW)		3.56	3.39	3.25
Temp. range of cooling ※4	Indoor	W.B.	15~24˚C (59~75˚F)		
	Outdoor	D.B.	- 5~43˚C (23~109˚F)		
Heating capacity (Nominal)	※2	kW	88.0	95.0	100.0
	※2	BTU/h	300,300	324,100	341,200
	Power input	kW	23.71	25.46	25.70
	Current input	A	40.0-38.0-36.6	42.9-40.8-39.3	43.3-41.2-39.7
	COP (kW/kW)		3.71	3.73	3.89
Temp. range of heating ※4	Indoor temp.	D.B.	15~27˚C (59~81˚F)		
	Outdoor temp.	W.B.	-20~15.5˚C (-4~60˚F)		
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity		
	Model/Quantity		P15~P250 / 1~50	P15~P250 / 1~50	P15~P250 / 1~50
Sound pressure level (measured in anechoic room)		dB<A>	63	63.5	64
Diameter of refrigerant pipe	Liquid	mm(in.)	ø19.05 (ø3/4) Brazed	ø19.05 (ø3/4) Brazed	ø19.05 (ø3/4) Brazed
	Gas	mm(in.)	ø34.93 (ø1-3/8) Brazed	ø34.93 (ø1-3/8) Brazed	ø34.93 (ø1-3/8) Brazed
Outdoor unit 1 and Outdoor unit 2			PUHY-P350YHM-A(-BS) / PUHY-P350YHM-A(-BS)	PUHY-P350YHM-A(-BS) / PUHY-P400YHM-A(-BS)	PUHY-P350YHM-A(-BS) / PUHY-P450YHM-A(-BS)
External finish			Pre-coated galvanized steel sheets (+ powder coating for-BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension H X W X D ※3		mm	1,710 X 1,220 X 760	1,710 X 1,220 X 760	1,710 X 1,220 X 760	1,710 X 1,220 X 760	1,710 X 1,220 X 760	1,710 X 1,220 X 760
		in.	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16
Net weight		kg(lbs)	245 (541)	245 (541)	245 (541)	245 (541)	245 (541)	245 (541)
Heat exchanger			Salt-resistant cross fin & copper tube					
Compressor	Type		Inverter scroll hermetic compressor					
	Starting method		Inverter					
	Motor output	kW	10.3	10.3	10.3	10.5	10.3	12.0
FAN	Air flow rate	m^3/min	225	225	225	225	225	225
		L/s	3,750	3,750	3,750	3,750	3,750	3,750
		cfm	7,945	7,945	7,945	7,945	7,945	7,945
	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
	Motor output	kW	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1
Protection	High pressure protection		High pressure sensor, High pressure switch 4.15 MPa (601 psi)					
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection					
	Compressor		Over-heat protection					
Refrigerant	Type X Original charge		R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)
Pipe between unit distributor	Liquid	mm(in.)	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø15.88 (ø5/8) Brazed	ø12.7 (ø1/2) Brazed	ø15.88 (ø5/8) Brazed	
	Gas	mm(in.)	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed	
Optional parts			Outdoor Twinning Kit : CMY-Y200VBK2 joint : CMY-Y102S / L-G2, CMY-Y202 / 302-G2 Header : CMY-Y104 / 108 / 1010-G		

Note:

※1 Nominal cooling conditions
Indoor 27˚C (81˚F) DB/19˚C (66˚F) WB, Outdoor 35˚C (95˚F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※2 Nominal heating conditions
Indoor 20˚C (68˚F) DB, Outdoor 7˚C (45˚F) DB/6˚C (43˚F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※3 Height without legs 1650mm
(65 in.)

※4 -5˚C (23˚F) DB/-6˚C (21˚F) WB~21˚C (70˚F) DB/15.5˚C (60˚F) WB with cooling/heating mixed operation.

OUTDOOR UNIT
Y Series
PUHY-P YSHM-A(-BS)



▸Specifications

Set name			PUHY-P850YSHM-A(-BS)		PUHY-P900YSHM-A(-BS)	
Power source			3-phase 4-wire 380-400-415V 50/60Hz			
Cooling capacity (Nominal)	※1	kW	96.0		101.0	
	※1	BTU/h	327,600		344,600	
	Power input	kW	30.18		33.33	
	Current input	A	50.9-48.4-46.6		56.2-53.4-51.5	
	COP (kW/kW)		3.18		3.03	
Temp. range of cooling ※3	Indoor	W.B.	15~24˚C (59~75˚F)			
	Outdoor	D.B.	- 5~43˚C (23~109˚F)			
Heating capacity (Nominal)	※2	kW	108.0		113.0	
	※2	BTU/h	368,500		385,600	
	Power input	kW	28.42		30.29	
	Current input	A	47.9-45.5-43.9		51.1-48.5-46.8	
	COP (kW/kW)		3.80		3.73	
Temp. range of heating ※3	Indoor temp.	D.B.	15~27˚C (59~81˚F)			
	Outdoor temp.	W.B.	-20~15.5˚C (-4~60˚F)			
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity			
	Model/Quantity		P15~P250 / 1~50		P15~P250 / 1~50	
Sound pressure level (measured in anechoic room)		dB<A>	64.5		65	
Diameter of refrigerant pipe	Liquid	mm(in.)	ø19.05 (ø3/4) Brazed		ø19.05 (ø3/4) Brazed	
	Gas	mm(in.)	ø41.28 (ø1-5/8) Brazed		ø41.28 (ø1-5/8) Brazed	
Outdoor unit 1 and Outdoor unit 2			PUHY-P400YHM-A(-BS)	PUHY-P450YHM-A(-BS)	PUHY-P450YHM-A(-BS)	PUHY-P450YHM-A(-BS)
External finish			Pre-coated galvanized steel sheets (+ powder coating for-BS type) <MUNSELL 5Y 8/1 or similar>			
External dimension H X W X D		mm	1,710(without legs 1,650) X 1,220 X 760	1,710(without legs 1,650) X 1,220 X 760	1,710(without legs 1,650) X 1,220 X 760	1,710(without legs 1,650) X 1,220 X 760
		in.	67-3/8(without legs 65) X 48-1/16 X 29-15/16	67-3/8(without legs 65) X 48-1/16 X 29-15/16	67-3/8(without legs 65) X 48-1/16 X 29-15/16	67-3/8(without legs 65) X 48-1/16 X 29-15/16
Net weight		kg(lbs)	245 (541)	245 (541)	245 (541)	245 (541)
Heat exchanger			Salt-resistant cross fin & copper tube			
Compressor	Type		Inverter scroll hermetic compressor			
	Starting method		Inverter			
	Motor output	kW	10.5	12.0	12.0	12.0
FAN	Air flow rate	m^3/min	225	225	225	225
		L/s	3,750	3,750	3,750	3,750
		cfm	7,945	7,945	7,945	7,945
	Type X Quantity		Propeller fan X 1	Propeller fan X 1	Propeller fan X 1	Propeller fan X 1
	Motor output	kW	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1
Protection	High pressure protection		High pressure sensor, High pressure switch 4.15 MPa (601 psi)			
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection			
	Compressor		Over-heat protection			
Refrigerant	Type X Original charge		R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)
Pipe between unit distributor	Liquid	mm(in.)	ø15.88 (ø5/8) Brazed			
	Gas	mm(in.)	ø28.58 (ø1-1/8) Brazed			
Optional parts			Outdoor Twinning kit : CMY-Y200VBK2 joint : CMY-Y102S / L-G2, CMY-Y202 / 302-G2 Header : CMY-Y104 / 108 / 1010-G			

Note:

※1 Nominal cooling conditions
Indoor 27˚C (81˚F) DB/19˚C (66˚F) WB, Outdoor 35˚C (95˚F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※2 Nominal heating conditions
Indoor 20˚C (68˚F) DB,Outdoor 7˚C (45˚F) DB/6˚C (43˚F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※3 -5˚C (23˚F) DB/-6˚C (21˚F) WB~21˚C (70˚F) DB/15.5˚C (60˚F) WB with cooling/heating mixed operation.

OUTDOOR UNIT
Y Series
PUHY-P YSHM-A (-BS)



▸Specifications

Set name			PUHY-P950YSHM-A(-BS)			PUHY-P1000YSHM-A(-BS)			PUHY-P1050YSHM-A(-BS)		
Power source			3-phase 4-wire 380-400-415V 50/60Hz								
Cooling capacity (Nominal)	※1	kW	108.0			113.0			118.0		
	※1	BTU/h	368,500			385,600			402,600		
	Power input	kW	30.68			32.47			33.90		
	Current input	A	51.7-49.2-47.4			54.8-52.0-50.1			57.2-54.3-52.4		
	COP (kW/kW)		3.52			3.48			3.48		
Temp. range of cooling ※4	Indoor	W.B.	15~24˚C (59~75˚F)								
	Outdoor	D.B.	- 5~43˚C (23~109˚F)								
Heating capacity (Nominal)	※2	kW	119.5			127.0			132.0		
	※2	BTU/h	407,700			433,300			450,400		
	Power input	kW	30.02			33.15			35.01		
	Current input	A	50.6-48.1-46.4			55.9-53.1-51.2			59.1-56.1-54.1		
	COP (kW/kW)		3.98			3.83			3.77		
Temp. range of heating ※4	Indoor temp.	D.B.	15~27˚C (59~81˚F)								
	Outdoor temp.	W.B.	-20~15.5˚C (-4~60˚F)								
Indoor unit connectable	Total capacity		50~130% of outdoor unit capacity								
	Model/Quantity		P15~P250 / 1~50			P15~P250 / 2~50			P15~P250 / 2~50		
Sound pressure level (measured in anechoic room)		dB<A>	64.0			64.5			65		
Diameter of refrigerant pipe	Liquid	mm(in.)	ø19.05 (ø3/4) Brazed			ø19.05 (ø3/4) Brazed			ø19.05 (ø3/4) Brazed		
	Gas	mm(in.)	ø41.28 (ø1-5/8) Brazed			ø41.28 (ø1-5/8) Brazed			ø41.28 (ø1-5/8) Brazed		
Outdoor unit 1 , Outdoor unit 2 , and Outdoor unit 3			PUHY -P250YHM-A (-BS)	PUHY -P300YHM-A (-BS)	PUHY -P400YHM-A (-BS)	PUHY -P300YHM-A (-BS)	PUHY -P300YHM-A (-BS)	PUHY -P400YHM-A (-BS)	PUHY -P300YHM-A (-BS)	PUHY -P350YHM-A (-BS)	PUHY -P400YHM-A (-BS)
External finish			Pre-coated galvanized steel sheets (+ powder coating for-BS type) <MUNSELL 5Y 8/1 or similar>								
External dimension H X W X D ※3		mm	1,710 X 920 X 760	1,710 X 920 X 760	1,710 X 1,220 X 760	1,710 X 920 X 760	1,710 X 920 X 760	1,710 X 1,220 X 760	1,710 X 920 X 760	1,710 X 1,220 X 760	1,710 X 1,220 X 760
		in.	67-3/8 X 36-1/4 X 29-15/16	67-3/8 X 36-1/4 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 36-1/4 X 29-15/16	67-3/8 X 36-1/4 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 36-1/4 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16
Net weight		kg(lbs)	215 (474)	215 (474)	245 (541)	215 (474)	215 (474)	245 (541)	215 (474)	245 (541)	245 (541)
Heat exchanger			Salt-resistant cross fin & copper tube								
Compressor	Type		Inverter scroll hermetic compressor								
	Starting method		Inverter								
	Motor output	kW	6.7	8.2	10.5	8.2	8.2	10.5	8.2	10.3	10.5
FAN	Air flow rate	m^3/min	185	185	225	185	185	225	185	225	225
		L/s	3,083	3,083	3,750	3,083	3,083	3,750	3,083	3,750	3,750
		cfm	6,532	6,532	7,945	6,532	6,532	7,945	6,532	7,945	7,945
	Type X Quantity		Propeller fan X 1			Propeller fan X 1			Propeller fan X 1		
	Motor output	kW	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1	0.46 X 1
Protection	High pressure protection		High pressure sensor, High pressure switch 4.15 MPa (601 psi)								
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection								
	Compressor		Over-heat protection								
Refrigerant	Type X Original charge		R410A X 9.0kg (20 lbs)	R410A X 9.0kg (20 lbs)	R410A X 11.5kg (26 lbs)	R410A X 9.0kg (20 lbs)	R410A X 9.0kg (20 lbs)	R410A X 11.5kg (26 lbs)	R410A X 9.0kg (20 lbs)	R410A X 11.5kg (26 lbs)	R410A X 11.5kg (26 lbs)
Pipe between unit distributor	Liquid	mm(in.)	ø9.52 (ø3/8) Brazed	ø12.7 (ø1/2) Brazed	ø15.88 (ø5/8) Brazed	ø12.7 (ø1/2) Brazed		ø15.88 (ø5/8) Brazed	ø12.7 (ø1/2) Brazed	ø12.7 (ø1/2) Brazed	ø15.88 (ø5/8) Brazed
	Gas	mm(in.)	ø22.2 (ø7/8) Brazed	ø22.2 (ø7/8) Brazed	ø28.58 (ø1-1/8) Brazed	ø22.2 (ø7/8) Brazed		ø28.58 (ø1-1/8) Brazed	ø22.2 (ø7/8) Brazed	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed
Optional parts			Outdoor Twinning kit : CMY-Y300VBK2 joint : CMY-Y102S / L-G2, CMY-Y202 / 302-G2 Header : CMY-Y104 / 108 / 1010-G								

Note:

※1 Nominal cooling conditions
Indoor 27˚C (81˚F) DB/19˚C (66˚F) WB, Outdoor 35˚C (95˚F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※2 Nominal heating conditions
Indoor 20˚C (68˚F) DB,Outdoor 7˚C (45˚F) DB/6˚C (43˚F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※3 Height without legs 1650mm
(65 in.)

※4 -5˚C (23˚F) DB/-6˚C (21˚F) WB~21˚C (70˚F) DB/15.5˚C (60˚F) WB with cooling/heating mixed operation.

OUTDOOR UNIT
Y Series
PUHY-P YSHM-A(-BS)



▸Specifications

Set name			PUHY-P1100YSHM-A(-BS)			PUHY-P1150YSHM-A(-BS)		
Power source			3-phase 4-wire 380-400-415V 50/60Hz					
Cooling capacity (Nominal) ※1		kW	124.0			130.0		
	※1	BTU/h	423,100			443,600		
	Power input	kW	35.83			39.39		
	Current input	A	60.4-57.4-55.3			66.4-63.1-60.8		
	COP (kW/kW)		3.46			3.30		
Temp. ※4 range of cooling	Indoor	W.B.	15~24˚C (59~75˚F)					
	Outdoor	D.B.	- 5~43˚C (23~109˚F)					
Heating capacity (Nominal) ※2		kW	140.0			145.0		
	※2	BTU/h	477,700			494,700		
	Power input	kW	36.93			39.08		
	Current input	A	62.3-59.2-57.0			65.9-62.6-60.4		
	COP (kW/kW)		3.79			3.71		
Temp. ※4 range of heating	Indoor temp.	D.B.	15~27˚C (59~81˚F)					
	Outdoor temp.	W.B.	-20~15.5˚C (-4~60˚F)					
Indoor unit connectable	Total 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>	65			65.5		
Diameter of refrigerant pipe	Liquid	mm(in.)	ø19.05 (ø3/4) Brazed			ø19.05 (ø3/4) Brazed		
	Gas	mm(in.)	ø41.28 (ø1-5/8) Brazed			ø41.28 (ø1-5/8) Brazed		
Outdoor unit 1 , Outdoor unit 2 , and Outdoor unit 3			PUHY-P350YHM-A(-BS)	PUHY-P350YHM-A(-BS)	PUHY-P400YHM-A(-BS)	PUHY-P350YHM-A(-BS)	PUHY-P350YHM-A(-BS)	PUHY-P450YHM-A(-BS)
External finish			Pre-coated galvanized steel sheets (+ powder coating for-BS type) <MUNSELL 5Y 8/1 or similar>					
External dimension H X W X D ※3		mm	1,710 × 1,220 × 760	1,710 × 1,220 × 760	1,710 × 1,220 × 760	1,710 × 1,220 × 760	1,710 × 1,220 × 760	1,710 × 1,220 × 760
		in.	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16
Net weight		kg (lbs)	245(541)	245(541)	245(541)	245(541)	245(541)	245(541)
Heat exchanger			Salt-resistant cross fin & copper tube					
Compressor	Type		Inverter scroll hermetic compressor					
	Starting method		Inverter					
	Motor output	kW	10.3	10.3	10.5	10.3	10.3	12.0
FAN	Air flow rate	m³/min	225	225	225	225	225	225
		L/s	3,750	3,750	3,750	3,750	3,750	3,750
		cfm	7,945	7,945	7,945	7,945	7,945	7,945
	Type × Quantity		Propeller fan × 1	Propeller fan × 1	Propeller fan × 1	Propeller fan × 1	Propeller fan × 1	Propeller fan × 1
	Motor output	kW	0.46 × 1	0.46 × 1	0.46 × 1	0.46 × 1	0.46 × 1	0.46 × 1
Protection	High pressure protection		High pressure sensor, High pressure switch 4.15 MPa (601 psi)					
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection					
	Compressor		Over-heat protection					
Refrigerant	Type × Original charge		R410A × 11.5kg (26 lbs)	R410A × 11.5kg (26 lbs)	R410A × 11.5kg (26 lbs)	R410A × 11.5kg (26 lbs)	R410A × 11.5kg (26 lbs)	R410A × 11.5kg (26 lbs)
Pipe between unit distributor	Liquid	mm(in.)	ø12.7 (ø1/2) Brazed		ø15.88 (ø5/8) Brazed	ø12.7 (ø1/2) Brazed		ø15.88 (ø5/8) Brazed
	Gas	mm(in.)	ø28.58 (ø1-1/8) Brazed		ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed		ø28.58 (ø1-1/8) Brazed
Optional parts			Outdoor Twinning Kit : CMY-Y300VBK2 joint : CMY-Y102S / L-G2, CMY-Y202 / 302-G2 Header : CMY-Y104 / 108 / 1010-G					

Note:

※1 Nominal cooling conditions
Indoor 27˚C (81˚F) DB/19˚C (66˚F) WB, Outdoor 35˚C (95˚F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※2 Nominal heating conditions
Indoor 20˚C (68˚F) DB,Outdoor 7˚C (45˚F) DB/6˚C (43˚F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※3 Height without legs 1650mm
(65 in.)

※4 -5˚C (23˚F) DB/-6˚C (21˚F) WB~21˚C (70˚F) DB/15.5˚C (60˚F) WB with cooling/heating mixed operation.

OUTDOOR UNIT
Y Series
PUHY-P YSHM-A(-BS)



▸Specifications

Set name			PUHY-P1200YSHM-A(-BS)			PUHY-P1250YSHM-A(-BS)		
Power source			3-phase 4-wire 380-400-415V 50/60Hz					
Cooling capacity (Nominal) ※1		kW	136.0			140.0		
	※1	BTU/h	464,000			477,700		
	Power input	kW	41.71			45.01		
	Current input	A	70.4-66.8-64.4			75.9-72.1-69.5		
	COP (kW/kW)		3.26			3.11		
Temp. ※4 range of cooling	Indoor	W.B.	15~24˚C (59~75˚F)					
	Outdoor	D.B.	- 5~43˚C (23~109˚F)					
Heating capacity (Nominal) ※2		kW	150.0			156.5		
	※2	BTU/h	511,800			534,000		
	Power input	kW	40.10			42.06		
	Current input	A	67.6-64.3-61.9			71.0-67.4-65.0		
	COP (kW/kW)		3.74			3.72		
Temp. ※4 range of heating	Indoor temp.	D.B.	15~27˚C (59~81˚F)					
	Outdoor temp.	W.B.	-20~15.5˚C (-4~60˚F)					
Indoor unit connectable	Total 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		
Diameter of refrigerant pipe	Liquid	mm(in.)	ø19.05 (ø3/4) Brazed			ø19.05 (ø3/4) Brazed		
	Gas	mm(in.)	ø41.28 (ø1-5/8) Brazed			ø41.28 (ø1-5/8) Brazed		
Outdoor unit 1 , Outdoor unit 2 , and Outdoor unit 3			PUHY-P350YHM-A(-BS)	PUHY-P400YHM-A(-BS)	PUHY-P450YHM-A(-BS)	PUHY-P350YHM-A(-BS)	PUHY-P450YHM-A(-BS)	PUHY-P450YHM-A(-BS)
External finish			Pre-coated galvanized steel sheets (+ powder coating for-BS type) <MUNSELL 5Y 8/1 or similar>					
External dimension H X W X D ※3		mm	1,710 × 1,220 × 760	1,710 × 1,220 × 760	1,710 × 1,220 × 760	1,710 × 1,220 × 760	1,710 × 1,220 × 760	1,710 × 1,220 × 760
		in.	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16	67-3/8 X 48-1/16 X 29-15/16
Net weight		kg (lbs)	245 (541)	245 (541)	245 (541)	245 (541)	245 (541)	245 (541)
Heat exchanger			Salt-resistant cross fin & copper tube					
Compressor	Type		Inverter scroll hermetic compressor					
	Starting method		Inverter					
	Motor output	kW	10.3	10.5	12.0	10.3	12.0	12.0
FAN	Air flow rate	m³/min	225	225	225	225	225	225
		L/s	3,750	3,750	3,750	3,750	3,750	3,750
		cfm	7,945	7,945	7,945	7,945	7,945	7,945
	Type × Quantity		Propeller fan × 1	Propeller fan × 1	Propeller fan × 1	Propeller fan × 1	Propeller fan × 1	Propeller fan × 1
	Motor output	kW	0.46 × 1	0.46 × 1	0.46 × 1	0.46 × 1	0.46 × 1	0.46 × 1
Protection	High pressure protection		High pressure sensor, High pressure switch 4.15 MPa (601 psi)					
	Inverter circuit (COMP./FAN)		Over-heat protection, Over-current protection					
	Compressor		Over-heat protection					
Refrigerant	Type × Original charge		R410A × 11.5kg (26 lbs)	R410A × 11.5kg (26 lbs)	R410A × 11.5kg (26 lbs)	R410A × 11.5kg (26 lbs)	R410A × 11.5kg (26 lbs)	R410A × 11.5kg (26 lbs)
Pipe between unit distributor	Liquid	mm(in.)	ø12.7 (ø1/2) Brazed	ø15.88 (ø5/8) Brazed		ø12.7 (ø1/2) Brazed	ø15.88 (ø5/8) Brazed	
	Gas	mm(in.)	ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed		ø28.58 (ø1-1/8) Brazed	ø28.58 (ø1-1/8) Brazed	
Optional parts			Outdoor Twinning Kit : CMY-Y300VBK2 joint : CMY-Y102S / L-G2, CMY-Y202 / 302-G2 Header : CMY-Y104 / 108 / 1010-G					

Note:

※1 Nominal cooling conditions
Indoor 27˚C (81˚F) DB/19˚C (66˚F) WB, Outdoor 35˚C (95˚F) DB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※2 Nominal heating conditions
Indoor 20˚C (68˚F) DB,Outdoor 7˚C (45˚F) DB/6˚C (43˚F) WB
Pipe length 7.5 m (24-9/16 ft), Level difference 0 m (0 ft)

※3 Height without legs 1650mm
(65 in.)

※4 -5˚C (23˚F) DB/-6˚C (21˚F) WB~21˚C (70˚F) DB/15.5˚C (60˚F) WB with cooling/heating mixed operation.