

OUTDOOR UNIT S Series PUMY-P YHMB(-BS)



► Specifications

		PUMY-P100YHMB(-BS)	PUMY-P125YHMB(-BS)	PUMY-P140YHMB(-BS)
Power source		3-phase, 380-400-415V, 50Hz		
Cooling capacity (Nominal)	*1 kW	11.2	14.0	15.5
	*1 BTU/h	38,200	47,800	52,900
	Power input kW	3.30	4.27	5.32
	Current input A	5.28-5.02-4.84	6.83-6.49-6.26	8.51-8.09-7.80
COP (kW/kW)		3.39	3.28	2.91
Temp. range of cooling	Indoor W.B.	15 ~ 24°C (59~75°F)		
	Outdoor D.B.	- 5 ~ 46°C (23~115°F) 10 to 46°C D.B.(50 to 115°F D.B.) : in case of connecting PKFY-P15/P20/P25 type indoor unit.		
Heating capacity (Nominal)	*2 kW	12.5	16.0	18.0
	*2 BTU/h	42,700	54,600	61,400
	Power input kW	3.63	4.29	5.32
	Current input A	5.81-5.52-5.32	6.87-6.52-6.29	8.51-8.09-7.80
COP (kW/kW)		3.44	3.73	3.38
Temp. range of heating	Indoor temp. D.B.	15~27°C (59~81°F)		
	Outdoor temp. W.B.	-15~15°C (5~59°F)		
Indoor unit connectable	Total capacity	50 ~ 130% of outdoor unit capacity		
	Model/Quantity	P15 ~ P125 / 1 ~ 8	P15 ~ P140 / 1 ~ 10	P15 ~ P140 / 1 ~ 12
Sound pressure level (measured in anechoic room)	dB<A>	49/51	50/52	51/53
Diameter of refrigerant pipe	Liquid mm(in.)	ø9.52 (ø3/8) Flare		
	Gas mm(in.)	ø15.88 (ø5/8) Flare		
External finish Galvanized steel sheet<MUNSELL 3Y 7.8/1.1>				
External dimension H x W x D	mm (in.)	1,350 x 950 x 330 (53-3/16 x 37-7/16 x 13)		
Net weight	kg (lbs)	142 (312)		
Heat exchanger Salt-resistant cross fin & copper tube Inverter scroll hermetic compressor				
Compressor	Type	Mitsubishi Electric Corporation		
	Maker	Mitsubishi Electric Corporation		
	Starting method	Inverter		
	Motor output kW	1.9	2.4	2.9
Case heater kW	-	-	-	
Lubricant	FV508			
FAN	Air flow rate m³/min	100		
	External static press.	0 Pa		
	Type x Quantity	Propeller fan x 2		
	Control, Driving mechanism	DC-control, Direct-driven by motor		
Motor output kW	0.06 x 2			
HIC circuit (HIC: Heat Inter-Changer)				
Protection	High pressure protection	High pressure sensor, High pressure switch 4.15 MPa		
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection		
	Compressor	Discharge thermo protection, Over-current protection		
	Fan motor	Over-heat protection, Voltage protection		
Defrosting method Auto-defrost mode (Reversed refrigerant circle)				
Refrigerant	Type x Original charge	R410A x 8.5kg (19 lbs)		
	Control	LEV circuit		

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.)

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

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

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



► Specifications

Model		PUHY-P200YJM-A(-BS)	PUHY-P250YJM-A(-BS)	PUHY-P300YJM-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	5.62	7.40	9.00
	Current input A	9.4-9.0-8.6	12.4-11.8-11.4	15.1-14.4-13.9
COP		3.98	3.78	3.72
Temp. range of cooling	Indoor W.B.	15.0~24.0°C(59~75°F)		
	Outdoor D.B.	-5.0~46.0°C(23~115°F)		
Heating capacity (Nominal)	*2 kW	25.0	31.5	37.5
	*2 BTU / h	85,300	107,500	128,000
	Power input kW	5.84	7.34	9.25
	Current input A	9.8-9.3-9.0	12.3-11.7-11.3	15.6-14.8-14.2
COP		4.28	4.29	4.05
Temp. range of heating	Indoor D.B.	15.0~27.0°C(59~81°F)		
	Outdoor W.B.	-20.0~15.5°C(-4~60°F)		
Indoor unit connectable	Total capacity	50~130 % of outdoor unit capacity		
	Model / Quantity	P15~P250 / 1~17	P15~P250 / 1~21	P15~P250 / 1~26
Sound pressure level (measured in anechoic room)	dB <A>	56	58	59
Power pressure level (measured in anechoic room)	dB <A>	76	78	79
Refrigerant piping diameter	Liquid pipe mm (in.)	9.52(3/8) Braze	9.52(3/8) Braze (12.7(1/2) Braze, total length >= 90m)	9.52(3/8) Braze (12.7(1/2) Braze, total length >= 40m)
	Gas pipe mm (in.)	19.05(3/4) Braze	22.2(7/8) Braze	22.2(7/8) Braze
FAN	Type x Quantity	Propeller fan x 1		
	Air flow rate m³/min	170		
	L/s	2,833		
	cfm	6,003		
	Driving mechanism	Inverter-control, Direct-driven by motor		
	Motor output kW	0.46 x 1		
Compressor	*3 External static press.	0 Pa (0 mmH ₂ O)		
	Type x Quantity	Inverter scroll hermetic compressor		
	Starting method	Inverter		
	Motor output kW	5.4		
Case heater kW	0.035			
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	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 920 x 760
	in.	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor	Over-heat protection	Over-heat protection	Over-heat protection
	Fan motor	Thermal switch	Thermal switch	Thermal switch
Refrigerant	Type x original charge	R410A x 6.5kg (14lbs)	R410A x 8.0kg (18lbs)	R410A x 8.0kg (18lbs)
Net weight	kg (lbs)	190(419)	200(441)	215(474)
Heat exchanger		Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube
Optional parts		Joint: CMY-Y102S-L-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102S/L-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102S/L-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).

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

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

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



► Specifications

Model		PUHY-P350YJM-A(-BS)	PUHY-P400YJM-A(-BS)	PUHY-P450YJM-A(-BS)	
Power source		3-phase 4-wire 380-400-415V 50/60Hz	3-phase 4-wire 380-400-415V 50/60Hz	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	11.01	13.11	15.47	
	Current input A	18.5-17.6-17.0	22.1-21.0-20.2	26.1-24.8-23.9	
	COP kW / kW	3.63	3.43	3.23	
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.	-5.0-46.0°C(23-115°F)	-5.0-46.0°C(23-115°F)	-5.0-46.0°C(23-115°F)	
Heating capacity (Nominal)	*2 kW	45.0	50.0	56.0	
	*2 BTU / h	153,500	170,600	191,100	
	Power input kW	11.19	12.82	14.62	
	Current input A	18.8-17.9-17.2	21.6-20.5-19.8	24.6-23.4-22.5	
	COP kW / kW	4.02	3.90	3.83	
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 / 1-30	P15-P250 / 1-34	P15-P250 / 1-39	
Sound pressure level (measured in anechoic room)	dB <A>	60	61	62	
Power pressure level (measured in anechoic room)	dB <A>	80	81	82	
Refrigerant piping diameter	Liquid pipe mm (in.)	12.7(1/2) Braze	12.7(1/2) Braze	15.88(5/8) Braze	
	Gas pipe mm (in.)	28.58(1-1/8) Braze	28.58(1-1/8) Braze	28.58(1-1/8) Braze	
FAN	Type x Quantity	Propeller fan x 1	Propeller fan x 1	Propeller fan x 2	
	Air flow rate				
	m ³ /min	210	210	370	
	L/s	3,500	3,500	6,167	
	cfm	7,415	7,415	13,065	
	Driving mechanism	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	
	Motor output kW	0.46 x 1	0.46 x 1	0.46 x 2	
	*3 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	9.9	10.1	11.6		
Case heater kW	0.045	0.045	0.045		
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	1,710(1,650 without legs) x 1,220 x 760	1,710(1,650 without legs) x 1,220 x 760	1,710(1,650 without legs) x 1,750 x 760	
	in.	67-3/8(65 without legs) x 48-1/16 x 29-15/16	67-3/8(65 without legs) x 48-1/16 x 29-15/16	67-3/8(65 without legs) x 68-15/16 x 29-15/16	
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	
	Compressor	Over-heat protection	Over-heat protection	Over-heat protection	
	Fan motor	Thermal switch	Thermal switch	Thermal switch	
Refrigerant	Type x original charge	R410A x 11.5kg (26lbs)	R410A x 11.5kg (26lbs)	R410A x 11.8kg (27lbs)	
Net weight	kg (lbs)	250(552)	250(552)	290(640)	
Heat exchanger		Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube	Salt-resistant cross fin & copper tube	
Optional parts		Joint: CMY-Y102S/L-G2, CMY-Y202-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102S/L-G2, CMY-Y202-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102S/L-G2, CMY-Y202-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).

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

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

OUTDOOR UNIT Y Series PUHY-P YSJM-A(1)(-BS)



► Specifications

Model		PUHY-P500YSJM-A(-BS)	PUHY-P500YSJM-A1(-BS)	PUHY-P550YSJM-A(-BS)	PUHY-P600YSJM-A1(-BS)					
Power source		3-phase 4-wire 380-400-415V 50/60Hz	3-phase 4-wire 380-400-415V 50/60Hz	3-phase 4-wire 380-400-415V 50/60Hz	3-phase 4-wire 380-400-415V 50/60Hz					
Cooling capacity (Nominal)	*1 kW	56.0	56.0	63.0	69.0					
	*1 BTU / h	191,100	191,100	215,000	235,400					
	Power input kW	15.38	15.05	17.16	19.00					
	Current input A	25.9-24.6-23.7	25.4-24.1-23.2	28.9-27.5-26.5	32.0-30.4-29.3					
	COP kW / kW	3.64	3.72	3.67	3.63					
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.	-5.0-46.0°C(23-115°F)	-5.0-46.0°C(23-115°F)	-5.0-46.0°C(23-115°F)	-5.0-46.0°C(23-115°F)					
Heating capacity (Nominal)	*2 kW	63.0	63.0	69.0	76.5					
	*2 BTU / h	215,000	215,000	235,400	261,000					
	Power input kW	15.03	15.51	16.87	19.26					
	Current input A	25.3-24.1-23.2	26.1-24.8-23.9	28.4-27.0-26.0	32.5-30.8-29.7					
	COP kW / kW	4.19	4.06	4.09	3.97					
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)	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	50-130 % of outdoor unit capacity					
	Model / Quantity	P15-P250 / 1-43	P15-P250 / 1-43	P15-P250 / 1-47	P15-P250 / 1-50					
Sound pressure level (measured in anechoic room)	dB <A>	61	61	61.5	62					
Power pressure level (measured in anechoic room)	dB <A>	81	81	81.5	82					
Refrigerant piping diameter	Liquid pipe mm (in.)	15.88(5/8) Braze	15.88(5/8) Braze	15.88(5/8) Braze	15.88(5/8) Braze					
	Gas pipe mm (in.)	28.58(1-1/8) Braze	28.58(1-1/8) Braze	28.58(1-1/8) Braze	28.58(1-1/8) Braze					
Set Model										
Model		PUHY-P250YJM-A(-BS)	PUHY-P250YJM-A(-BS)	PUHY-P200YJM-A(-BS)	PUHY-P300YJM-A(-BS)	PUHY-P250YJM-A(-BS)	PUHY-P300YJM-A(-BS)	PUHY-P300YJM-A(-BS)	PUHY-P300YJM-A(-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	Propeller fan x 1	Propeller fan x 1	
	Air flow rate									
	m ³ /min	170	170	170	170	170	170	170	170	
	L/s	2,833	2,833	2,833	2,833	2,833	2,833	2,833	2,833	
	cfm	6,003	6,003	6,003	6,003	6,003	6,003	6,003	6,003	
	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	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output kW	0.46 x 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	
	*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)	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	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	
	Starting method	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	
Motor output kW	6.8	6.8	5.4	7.7	6.8	7.7	7.7	7.7		
Case heater kW	0.035	0.035	0.035	0.045	0.035	0.045	0.045	0.045		
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>	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	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 920 x 760		
	in.	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16		
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (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	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection		
	Compressor	Over-heat protection	Over-heat protection	Over-heat protection	Over-heat protection	Over-heat protection	Over-heat protection	Over-heat protection		
	Fan motor	Thermal switch	Thermal switch	Thermal switch	Thermal switch	Thermal switch	Thermal switch	Thermal switch		
Refrigerant	Type x original charge	R410A x 8.0kg (18lbs)	R410A x 8.0kg (18lbs)	R410A x 6.5kg (15lbs)	R410A x 8.0kg (18lbs)	R410A x 8.0kg (18lbs)	R410A x 8.0kg (18lbs)	R410A x 8.0kg (18lbs)		
Net weight	kg (lbs)	200(441)	200(441)	190(419)	215(474)	200(441)	215(474)	215(474)		
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	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) Braze	9.52(3/8) Braze	9.52(3/8) Braze	12.7(1/2) Braze	9.52(3/8) Braze	12.7(1/2) Braze	9.52(3/8) Braze		
	Gas pipe mm (in.)	22.2(7/8) Braze	22.2(7/8) Braze	19.05(3/4) Braze	22.2(7/8) Braze	22.2(7/8) Braze	22.2(7/8) Braze	22.2(7/8) Braze		
Optional parts		Outdoor Twinning kit: CMY-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-G2 Header: CMY-Y104/108/1010-G	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-G2 Header: CMY-Y104/108/1010-G	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-G2 Header: CMY-Y104/108/1010-G	Outdoor Twinning kit: CMY-Y100VBK2 Joint: CMY-Y102S/L-G2, CMY-Y202-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).

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

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

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



► Specifications

Model	PUHY-P350YJM-A(-BS)	PUHY-P400YJM-A(-BS)	PUHY-P450YJM-A(-BS)
Power source	3-phase 4-wire 380-400-415V 50/60Hz		
Cooling capacity (Nominal)	*1 kW	40.0	45.0
	*1 BTU / h	136,500	153,500
	Power input kW	11.01	13.11
	Current input A	18.5-17.6-17.0	22.1-21.0-20.2
	COP	3.63	3.43
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.	-5.0-46.0°C(23-115°F)	-5.0-46.0°C(23-115°F)
Heating capacity (Nominal)	*2 kW	45.0	50.0
	*2 BTU / h	153,500	170,600
	Power input kW	11.19	12.82
	Current input A	18.8-17.9-17.2	21.6-20.5-19.8
	COP	4.02	3.90
Temp. range of heating	Indoor W.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	50-130 % of outdoor unit capacity		
Sound pressure level (measured in anechoic room)	Model / Quantity	P15-P250 / 1-30	P15-P250 / 1-34
	dB <A>	60	61
Power pressure level (measured in anechoic room)	Model / Quantity	P15-P250 / 1-30	P15-P250 / 1-34
	dB <A>	80	81
Refrigerant piping diameter	Liquid pipe mm (in.)	12.7(1/2) Braze	12.7(1/2) Braze
	Gas pipe mm (in.)	28.58(1-1/8) Braze	28.58(1-1/8) Braze
FAN	Type x Quantity	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m ³ /min	210
		L/s	3,500
		cfm	7,415
	Driving mechanism	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output kW	0.46 x 1	0.46 x 1
	*3 External static press.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
	Compressor	Type x Quantity	Inverter scroll hermetic compressor
	Starting method	Inverter	Inverter
	Motor output kW	9.9	10.1
Case heater kW	0.045	0.045	
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>		
External dimension HxWxD	mm	1,710(1,650 without legs) x 1,220 x 760	1,710(1,650 without legs) x 1,220 x 760
	in.	67-3/8(65 without legs) x 48-1/16 x 29-15/16	67-3/8(65 without legs) x 48-1/16 x 29-15/16
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor	Over-heat protection	Over-heat protection
	Fan motor	Thermal switch	Thermal switch
Refrigerant	Type x original charge	R410A x 11.5kg (26lbs)	R410A x 11.8kg (27lbs)
Net weight	kg (lbs)	250(552)	290(640)
Heat exchanger	Salt-resistant cross fin & copper tube		
Optional parts	Joint: CMY-Y102S/L-G2, CMY-Y202-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).

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

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

OUTDOOR UNIT Y Series PUHY-P YSJM-A(1)(-BS)



► Specifications

Model	PUHY-P500YSJM-A(-BS)	PUHY-P500YSJM-A1(-BS)	PUHY-P550YSJM-A(-BS)	PUHY-P600YSJM-A1(-BS)
Power source	3-phase 4-wire 380-400-415V 50/60Hz			
Cooling capacity (Nominal)	*1 kW	56.0	56.0	63.0
	*1 BTU / h	191,100	191,100	215,000
	Power input kW	15.38	15.05	17.16
	Current input A	25.9-24.6-23.7	25.4-24.1-23.2	28.9-27.5-26.5
	COP	3.64	3.72	3.67
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.	-5.0-46.0°C(23-115°F)	-5.0-46.0°C(23-115°F)	-5.0-46.0°C(23-115°F)
Heating capacity (Nominal)	*2 kW	63.0	63.0	69.0
	*2 BTU / h	215,000	215,000	235,400
	Power input kW	15.03	15.51	16.87
	Current input A	25.3-24.1-23.2	26.1-24.8-23.9	28.4-27.0-26.0
	COP	4.19	4.06	4.09
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	50-130 % of outdoor unit capacity			
Sound pressure level (measured in anechoic room)	Model / Quantity	P15-P250 / 1-43	P15-P250 / 1-43	P15-P250 / 1-47
	dB <A>	61	61	61.5
Power pressure level (measured in anechoic room)	Model / Quantity	P15-P250 / 1-43	P15-P250 / 1-43	P15-P250 / 1-47
	dB <A>	81	81	81.5
Refrigerant piping diameter	Liquid pipe mm (in.)	15.88(5/8) Braze	15.88(5/8) Braze	15.88(5/8) Braze
	Gas pipe mm (in.)	28.58(1-1/8) Braze	28.58(1-1/8) Braze	28.58(1-1/8) Braze
Set Model	Type x Quantity	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m ³ /min	170	170
		L/s	2,833	2,833
		cfm	6,003	6,003
	Driving mechanism	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor	Inverter-control, Direct-driven by motor
	Motor output kW	0.46 x 1	0.46 x 1	0.46 x 1
	*3 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
	Starting method	Inverter	Inverter	Inverter
	Motor output kW	6.8	6.8	6.8
Case heater kW	0.035	0.035	0.045	
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>			
External dimension HxWxD	mm	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 920 x 760
	in.	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure sensor, High pressure switch at 4.15MPa (601 psi)
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection	Over-heat protection, Over-current protection
	Compressor	Over-heat protection	Over-heat protection	Over-heat protection
	Fan motor	Thermal switch	Thermal switch	Thermal switch
Refrigerant	Type x original charge	R410A x 8.0kg (18lbs)	R410A x 8.0kg (18lbs)	R410A x 8.0kg (18lbs)
Net weight	kg (lbs)	200(441)	200(441)	215(474)
Heat exchanger	Salt-resistant cross fin & copper tube			
Optional parts	Joint: CMY-Y102S/L-G2, CMY-Y202-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).

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

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

OUTDOOR UNIT Y Series PUHY-P YSJM-A(1)(-BS)



► Specifications

Model		PUHY-P600YSJM-A(-BS)		PUHY-P650YSJM-A(-BS)		PUHY-P700YSJM-A(-BS)	
Power source		3-phase 4-wire 380-400-415V 50/60Hz		3-phase 4-wire 380-400-415V 50/60Hz		3-phase 4-wire 380-400-415V 50/60Hz	
Cooling capacity (Nominal)		69.0		73.0		80.0	
Power input		18.75		20.39		23.05	
Current input		31.6-30.0-28.9		34.4-32.7-31.5		38.9-36.9-35.6	
COP		3.68		3.58		3.47	
Temp. range of cooling		Indoor W.B. 15.0-24.0°C(59-75°F) Outdoor D.B. -5.0-46.0°C(23-115°F)		Indoor W.B. 15.0-24.0°C(59-75°F) Outdoor D.B. -5.0-46.0°C(23-115°F)		Indoor W.B. 15.0-24.0°C(59-75°F) Outdoor D.B. -5.0-46.0°C(23-115°F)	
Heating capacity (Nominal)		76.5		81.5		88.0	
Power input		18.88		20.47		23.09	
Current input		31.8-30.2-29.1		34.5-32.8-31.6		38.9-37.0-35.6	
COP		4.05		3.98		3.81	
Temp. range of heating		Indoor W.B. 15.0-27.0°C(59-81°F) Outdoor W.B. -20.0-15.5°C(-4-60°F)		Indoor W.B. 15.0-27.0°C(59-81°F) Outdoor W.B. -20.0-15.5°C(-4-60°F)		Indoor W.B. 15.0-27.0°C(59-81°F) Outdoor W.B. -20.0-15.5°C(-4-60°F)	
Indoor unit connectable		50-130 % of outdoor unit capacity		50-130 % of outdoor unit capacity		50-130 % of outdoor unit capacity	
Sound pressure level (measured in anechoic room)		62		62.5		63	
Power pressure level (measured in anechoic room)		82		82.5		83	
Refrigerant piping diameter		Liquid pipe 15.88(5/8) Brazed Gas pipe 28.58(1-1/8) Brazed		Liquid pipe 15.88(5/8) Brazed Gas pipe 28.58(1-1/8) Brazed		Liquid pipe 19.05(3/4) Brazed Gas pipe 34.93(1-3/8) Brazed	
Set Model							
Model		PUHY-P250YJM-A(-BS)	PUHY-P350YJM-A(-BS)	PUHY-P300YJM-A(-BS)	PUHY-P350YJM-A(-BS)	PUHY-P300YJM-A(-BS)	PUHY-P400YJM-A(-BS)
FAN		Type x Quantity Air flow rate Driving mechanism Motor output External static press.	Propeller fan x 1 170 m ³ /min 2,833 L/s 6,003 cfm Inverter-control, Direct-driven by motor 0.46 x 1 0 Pa (0 mmH ₂ O)	Propeller fan x 1 210 m ³ /min 3,500 L/s 7,415 cfm Inverter-control, Direct-driven by motor 0.46 x 1 0 Pa (0 mmH ₂ O)	Propeller fan x 1 170 m ³ /min 2,833 L/s 6,003 cfm Inverter-control, Direct-driven by motor 0.46 x 1 0 Pa (0 mmH ₂ O)	Propeller fan x 1 210 m ³ /min 3,500 L/s 7,415 cfm Inverter-control, Direct-driven by motor 0.46 x 1 0 Pa (0 mmH ₂ O)	Propeller fan x 1 210 m ³ /min 3,500 L/s 7,415 cfm Inverter-control, Direct-driven by motor 0.46 x 1 0 Pa (0 mmH ₂ O)
Compressor		Type x Quantity Starting method Motor output Case heater	Inverter scroll hermetic compressor Inverter 6.8 kW 0.035 kW	Inverter scroll hermetic compressor Inverter 9.9 kW 0.045 kW	Inverter scroll hermetic compressor Inverter 7.7 kW 0.045 kW	Inverter scroll hermetic compressor Inverter 9.9 kW 0.045 kW	Inverter scroll hermetic compressor Inverter 10.1 kW 0.045 kW
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>					
External dimension HxWxD		mm 1,710(1,650 without legs) x 920 x 760		mm 1,710(1,650 without legs) x 920 x 760		mm 1,710(1,650 without legs) x 920 x 760	
Protection devices		High pressure protection sensor, High pressure switch at 4.15MPa (601 psi) Inverter circuit (COMP./FAN) Compressor Fan motor		High pressure protection sensor, High pressure switch at 4.15MPa (601 psi) Over-heat protection, Over-current protection Over-heat protection Thermal switch		High pressure protection sensor, High pressure switch at 4.15MPa (601 psi) Over-heat protection, Over-current protection Over-heat protection Thermal switch	
Refrigerant		Type x original charge R410A x 8.0kg (18lbs) R410A x 11.5kg (26lbs)		Type x original charge R410A x 8.0kg (18lbs) R410A x 11.5kg (26lbs)		Type x original charge R410A x 8.0kg (18lbs) R410A x 11.5kg (26lbs)	
Net weight		200(441) 250(552)		215(474) 250(552)		215(474) 250(552)	
Heat exchanger		Salt-resistant cross fin & copper tube					
Pipe between unit and distributor		Liquid pipe 9.52(3/8) Brazed Gas pipe 22.2(7/8) Brazed		Liquid pipe 12.7(1/2) Brazed Gas pipe 22.2(7/8) Brazed		Liquid pipe 12.7(1/2) Brazed Gas pipe 22.2(7/8) Brazed	
Optional parts		Outdoor Twinning kit: CMY-Y100VBK2 Joint: CMY-Y102S/L-G2, CMY-Y202/302-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		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102S/L-G2, CMY-Y202/302-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).

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

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

OUTDOOR UNIT Y Series PUHY-P YSJM-A(1)(-BS)



► Specifications

Model		PUHY-P700YSJM-A(-BS)		PUHY-P750YSJM-A(-BS)		PUHY-P800YSJM-A(-BS)	
Power source		3-phase 4-wire 380-400-415V 50/60Hz		3-phase 4-wire 380-400-415V 50/60Hz		3-phase 4-wire 380-400-415V 50/60Hz	
Cooling capacity (Nominal)		80.0		85.0		90.0	
Power input		22.47		24.70		26.86	
Current input		37.9-36.0-34.7		41.6-39.6-38.1		45.3-43.0-41.5	
COP		3.56		3.44		3.35	
Temp. range of cooling		Indoor W.B. 15.0-24.0°C(59-75°F) Outdoor D.B. -5.0-46.0°C(23-115°F)		Indoor W.B. 15.0-24.0°C(59-75°F) Outdoor D.B. -5.0-46.0°C(23-115°F)		Indoor W.B. 15.0-24.0°C(59-75°F) Outdoor D.B. -5.0-46.0°C(23-115°F)	
Heating capacity (Nominal)		88.0		95.0		100.0	
Power input		22.27		24.67		27.02	
Current input		37.5-35.7-34.4		41.6-39.5-38.1		45.6-43.3-41.7	
COP		3.95		3.85		3.70	
Temp. range of heating		Indoor W.B. 15.0-27.0°C(59-81°F) Outdoor W.B. -20.0-15.5°C(-4-60°F)		Indoor W.B. 15.0-27.0°C(59-81°F) Outdoor W.B. -20.0-15.5°C(-4-60°F)		Indoor W.B. 15.0-27.0°C(59-81°F) Outdoor W.B. -20.0-15.5°C(-4-60°F)	
Indoor unit connectable		50-130 % of outdoor unit capacity		50-130 % of outdoor unit capacity		50-130 % of outdoor unit capacity	
Sound pressure level (measured in anechoic room)		63		63.5		64	
Power pressure level (measured in anechoic room)		83		83.5		84	
Refrigerant piping diameter		Liquid pipe 19.05(3/4) Brazed Gas pipe 34.93(1-3/8) Brazed		Liquid pipe 19.05(3/4) Brazed Gas pipe 34.93(1-3/8) Brazed		Liquid pipe 19.05(3/4) Brazed Gas pipe 34.93(1-3/8) Brazed	
Set Model							
Model		PUHY-P350YJM-A(-BS)	PUHY-P350YJM-A(-BS)	PUHY-P350YJM-A(-BS)	PUHY-P400YJM-A(-BS)	PUHY-P400YJM-A(-BS)	PUHY-P400YJM-A(-BS)
FAN		Type x Quantity Air flow rate Driving mechanism Motor output External static press.	Propeller fan x 1 210 m ³ /min 3,500 L/s 7,415 cfm Inverter-control, Direct-driven by motor 0.46 x 1 0 Pa (0 mmH ₂ O)	Propeller fan x 1 210 m ³ /min 3,500 L/s 7,415 cfm Inverter-control, Direct-driven by motor 0.46 x 1 0 Pa (0 mmH ₂ O)	Propeller fan x 1 210 m ³ /min 3,500 L/s 7,415 cfm Inverter-control, Direct-driven by motor 0.46 x 1 0 Pa (0 mmH ₂ O)	Propeller fan x 1 210 m ³ /min 3,500 L/s 7,415 cfm Inverter-control, Direct-driven by motor 0.46 x 1 0 Pa (0 mmH ₂ O)	Propeller fan x 1 210 m ³ /min 3,500 L/s 7,415 cfm Inverter-control, Direct-driven by motor 0.46 x 1 0 Pa (0 mmH ₂ O)
Compressor		Type x Quantity Starting method Motor output Case heater	Inverter scroll hermetic compressor Inverter 9.9 kW 0.045 kW	Inverter scroll hermetic compressor Inverter 9.9 kW 0.045 kW	Inverter scroll hermetic compressor Inverter 10.1 kW 0.045 kW	Inverter scroll hermetic compressor Inverter 10.1 kW 0.045 kW	Inverter scroll hermetic compressor Inverter 10.1 kW 0.045 kW
External finish		Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>					
External dimension HxWxD		mm 1,710(1,650 without legs) x 1,220 x 760		mm 1,710(1,650 without legs) x 1,220 x 760		mm 1,710(1,650 without legs) x 1,220 x 760	
Protection devices		High pressure protection sensor, High pressure switch at 4.15MPa (601 psi) Inverter circuit (COMP./FAN) Compressor Fan motor		High pressure protection sensor, High pressure switch at 4.15MPa (601 psi) Over-heat protection, Over-current protection Over-heat protection Thermal switch		High pressure protection sensor, High pressure switch at 4.15MPa (601 psi) Over-heat protection, Over-current protection Over-heat protection Thermal switch	
Refrigerant		Type x original charge R410A x 11.5kg (26lbs) R410A x 11.5kg (26lbs)		Type x original charge R410A x 11.5kg (26lbs) R410A x 11.5kg (26lbs)		Type x original charge R410A x 11.5kg (26lbs) R410A x 11.5kg (26lbs)	
Net weight		250(552) 250(552)		250(552) 250(552)		250(552) 250(552)	
Heat exchanger		Salt-resistant cross fin & copper tube					
Pipe between unit and distributor		Liquid pipe 12.7(1/2) Brazed Gas pipe 28.58(1-1/8) Brazed		Liquid pipe 12.7(1/2) Brazed Gas pipe 28.58(1-1/8) Brazed		Liquid pipe 12.7(1/2) Brazed Gas pipe 28.58(1-1/8) Brazed	
Optional parts		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102S/L-G2, CMY-Y202/302-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102S/L-G2, CMY-Y202/302-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102S/L-G2, CMY-Y202/302-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).

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

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

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

► Specifications



Model	PUHY-P800YSJM-A(-BS)	PUHY-P850YSJM-A(-BS)	PUHY-P900YSJM-A(-BS)
Power source	3-phase 4-wire 380-400-415V 50/60Hz		
Cooling capacity (Nominal)	*1 kW 90.0 *1 BTU/h 307,100	96.0 327,600	101.0 344,600
Power input	kW 27.10	29.62	32.06
Current input	A 45.7-43.4-41.8	50.0-47.5-45.7	54.1-51.4-49.5
COP	kW/kW 3.32	3.24	3.15
Temp. range of cooling	Indoor W.B. 15.0-24.0°C(59-75°F) Outdoor D.B. -5.0-46.0°C(23-115°F)	15.0-24.0°C(59-75°F) -5.0-46.0°C(23-115°F)	15.0-24.0°C(59-75°F) -5.0-46.0°C(23-115°F)
Heating capacity (Nominal)	*2 kW 100.0 *2 BTU/h 341,200	108.0 368,500	113.0 385,600
Power input	kW 25.70	28.42	30.05
Current input	A 43.3-41.2-39.7	47.9-45.5-43.9	50.7-48.1-46.4
COP	kW/kW 3.89	3.80	3.76
Temp. range of heating	Indoor W.B. 15.0-27.0°C(59-81°F) Outdoor W.B. -20.0-15.5°C(-4-60°F)	15.0-27.0°C(59-81°F) -20.0-15.5°C(-4-60°F)	15.0-27.0°C(59-81°F) -20.0-15.5°C(-4-60°F)
Indoor unit connectable	Total capacity Model / Quantity 50-130 % of outdoor unit capacity P15-P250 / 1-50	50-130 % of outdoor unit capacity P15-P250 / 1-50	50-130 % of outdoor unit capacity P15-P250 / 1-50
Sound pressure level (measured in anechoic room)	dB <A> 64	64.5	65
Power pressure level (measured in anechoic room)	dB <A> 84	84.5	85
Refrigerant piping diameter	Liquid pipe mm (in.) 19.05(3/4) Braze	19.05(3/4) Braze	19.05(3/4) Braze
	Gas pipe mm (in.) 34.93(1-3/8) Braze	41.28(1-5/8) Braze	41.28(1-5/8) Braze

Model	PUHY-P350YJM-A(-BS)	PUHY-P450YJM-A(-BS)	PUHY-P400YJM-A(-BS)	PUHY-P450YJM-A(-BS)	PUHY-P450YJM-A(-BS)	PUHY-P450YJM-A(-BS)
FAN	Type x Quantity Propeller fan x 1	Propeller fan x 2	Propeller fan x 1	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2
Air flow rate	m³/min 210	370	210	370	370	370
	L/s 3,500	6,167	3,500	6,167	6,167	6,167
	cfm 7,415	13,065	7,415	13,065	13,065	13,065
Driving mechanism	Inverter-control, Direct-driven by motor					
Motor output	kW 0.46 x 1	0.46 x 2	0.46 x 1	0.46 x 2	0.46 x 2	0.46 x 2
External static press.	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)
Compressor	Type x Quantity Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
Starting method	Inverter					
Motor output	kW 9.9	11.6	10.1	11.6	11.6	11.6
Case heater	kW 0.045	0.045	0.045	0.045	0.045	0.045
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>					
External dimension HxWxD	mm 1,710(1,650 without legs) x 1,220 x 760	1,710(1,650 without legs) x 1,750 x 760	1,710(1,650 without legs) x 1,220 x 760	1,710(1,650 without legs) x 1,750 x 760	1,710(1,650 without legs) x 1,750 x 760	1,710(1,650 without legs) x 1,750 x 760
	in. 67-3/8(65 without legs) x 48-1/16 x 29-15/16	67-3/8(65 without legs) x 68-15/16 x 29-15/16	67-3/8(65 without legs) x 48-1/16 x 29-15/16	67-3/8(65 without legs) x 68-15/16 x 29-15/16	67-3/8(65 without legs) x 68-15/16 x 29-15/16	67-3/8(65 without legs) x 68-15/16 x 29-15/16
Protection devices	High pressure protection High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure protection, Over-current protection Over-heat protection	High pressure protection, High pressure switch at 4.15MPa (601 psi)	High pressure protection, Over-current protection Over-heat protection	High pressure protection, Over-current protection Over-heat protection	High pressure protection, Over-current protection Over-heat protection
Refrigerant	Type x original charge R410A x 11.5kg (26lbs)	R410A x 11.8kg (27lbs)	R410A x 11.5kg (26lbs)	R410A x 11.8kg (27lbs)	R410A x 11.8kg (27lbs)	R410A x 11.8kg (27lbs)
Net weight	kg (lbs) 250(552)	290(640)	250(552)	290(640)	290(640)	290(640)
Heat exchanger	Salt-resistant cross fin & copper tube					
Pipe between unit and distributor	Liquid pipe mm (in.) 12.7(1/2) Braze	15.88(5/8) Braze	15.88(5/8) Braze	15.88(5/8) Braze	15.88(5/8) Braze	15.88(5/8) Braze
	Gas pipe mm (in.) 28.58(1-1/8) Braze	28.58(1-1/8) Braze	28.58(1-1/8) Braze	28.58(1-1/8) Braze	28.58(1-1/8) Braze	28.58(1-1/8) Braze
Optional parts	Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102S/L-G2, CMY-Y202/302-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).

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

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

Outdoor unit

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

► Specifications



Model	PUHY-P950YSJM-A(-BS)	PUHY-P1000YSJM-A(-BS)	PUHY-P1050YSJM-A(-BS)
Power source	3-phase 4-wire 380-400-415V 50/60Hz		
Cooling capacity (Nominal)	*1 kW 108.0 *1 BTU/h 368,500	113.0 385,600	118.0 402,600
Power input	kW 30.50	32.10	33.81
Current input	A 51.4-48.9-47.1	54.1-51.4-49.6	57.0-54.2-52.2
COP	kW/kW 3.54	3.52	3.49
Temp. range of cooling	Indoor W.B. 15.0-24.0°C(59-75°F) Outdoor D.B. -5.0-46.0°C(23-115°F)	15.0-24.0°C(59-75°F) -5.0-46.0°C(23-115°F)	15.0-24.0°C(59-75°F) -5.0-46.0°C(23-115°F)
Heating capacity (Nominal)	*2 kW 119.5 *2 BTU/h 407,700	127.0 433,300	132.0 450,400
Power input	kW 30.02	33.15	34.10
Current input	A 50.6-48.1-46.4	55.9-53.1-51.2	57.5-54.6-52.7
COP	kW/kW 3.98	3.83	3.87
Temp. range of heating	Indoor W.B. 15.0-27.0°C(59-81°F) Outdoor W.B. -20.0-15.5°C(-4-60°F)	15.0-27.0°C(59-81°F) -20.0-15.5°C(-4-60°F)	15.0-27.0°C(59-81°F) -20.0-15.5°C(-4-60°F)
Indoor unit connectable	Total capacity Model / Quantity 50-130 % of outdoor unit capacity P15-P250 / 1-50	50-130 % of outdoor unit capacity P15-P250 / 2-50	50-130 % of outdoor unit capacity P15-P250 / 2-50
Sound pressure level (measured in anechoic room)	dB <A> 64.5	64.5	65
Power pressure level (measured in anechoic room)	dB <A> 84.5	84.5	85
Refrigerant piping diameter	Liquid pipe mm (in.) 19.05(3/4) Braze	19.05(3/4) Braze	19.05(3/4) Braze
	Gas pipe mm (in.) 41.28(1-5/8) Braze	41.28(1-5/8) Braze	41.28(1-5/8) Braze

Model	PUHY-P250YJM-A(-BS)	PUHY-P300YJM-A(-BS)	PUHY-P400YJM-A(-BS)	PUHY-P300YJM-A(-BS)	PUHY-P400YJM-A(-BS)	PUHY-P400YJM-A(-BS)	PUHY-P400YJM-A(-BS)	PUHY-P400YJM-A(-BS)	PUHY-P400YJM-A(-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	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
Air flow rate	m³/min 170	170	210	170	170	210	170	210	210
	L/s 2,833	2,833	3,500	2,833	2,833	3,500	2,833	3,500	3,500
	cfm 6,003	6,003	7,415	6,003	6,003	7,415	6,003	7,415	7,415
Driving mechanism	Inverter-control, Direct-driven by motor								
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
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)	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	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor	Inverter scroll hermetic compressor
Starting method	Inverter								
Motor output	kW 6.8	7.7	10.1	7.7	7.7	10.1	7.7	9.9	10.1
Case heater	kW 0.035	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>								
External dimension HxWxD	mm 1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 1,220 x 760	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 1,220 x 760	1,710(1,650 without legs) x 920 x 760	1,710(1,650 without legs) x 1,220 x 760	1,710(1,650 without legs) x 1,220 x 760
	in. 67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 48-1/16 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 48-1/16 x 29-15/16	67-3/8(65 without legs) x 36-1/4 x 29-15/16	67-3/8(65 without legs) x 48-1/16 x 29-15/16	67-3/8(65 without legs) x 48-1/16 x 29-15/16
Protection devices	High pressure protection High pressure sensor, High pressure switch at 4.15MPa (601 psi)	High pressure protection, Over-current protection Over-heat protection	High pressure protection, High pressure switch at 4.15MPa (601 psi)	High pressure protection, Over-current protection Over-heat protection	High pressure protection, Over-current protection Over-heat protection	High pressure protection, High pressure switch at 4.15MPa (601 psi)	High pressure protection, Over-current protection Over-heat protection	High pressure protection, Over-current protection Over-heat protection	High pressure protection, Over-current protection Over-heat protection
Refrigerant	Type x original charge R410A x 8.0kg (18lbs)	R410A x 8.0kg (18lbs)	R410A x 11.5kg (26lbs)	R410A x 8.0kg (18lbs)	R410A x 8.0kg (18lbs)	R410A x 11.5kg (26lbs)	R410A x 8.0kg (18lbs)	R410A x 11.5kg (26lbs)	R410A x 11.5kg (26lbs)
Net weight	kg (lbs) 200(441)	215(474)	250(552)	215(474)	215(474)	250(552)	215(474)	250(552)	250(552)
Heat exchanger	Salt-resistant cross fin & copper tube								
Pipe between unit and distributor	Liquid pipe mm (in.) 9.52(3/8) Braze	12.7(1/2) Braze	15.88(5/8) Braze	12.7(1/2) Braze	12.7(1/2) Braze	15.88(5/8) Braze	12.7(1/2) Braze	12.7(1/2) Braze	15.88(5/8) Braze
	Gas pipe mm (in.) 22.2(7/8) Braze	22.2(7/8) Braze	28.58(1-1/8) Braze	22.2(7/8) Braze	22.2(7/8) Braze	28.58(1-1/8) Braze	22.2(7/8) Braze	22.2(7/8) Braze	28.58(1-1/8) Braze
Optional parts	Outdoor Twinning kit: CMY-Y300VBK2 Joint: CMY-Y102S/L-G2, CMY-Y202/302-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).

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

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

Outdoor Unit

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

► Specifications



Model	PUHY-P1100YSJM-A(-BS)			PUHY-P1150YSJM-A(-BS)			PUHY-P1200YSJM-A(-BS)				
Power source	3-phase 4-wire 380-400-415V 50/60Hz										
Cooling capacity (Nominal)	*1 kW	124.0			130.0			136.0			
	*1 BTU / h	423,100			443,600			464,000			
	Power input kW	35.73			38.34			40.84			
	Current input A	60.3-57.3-55.2			64.7-61.4-59.2			68.9-65.4-63.1			
Temp. range of cooling	COP	3.47			3.39			3.33			
	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.	-5.0-46.0°C(23-115°F)			-5.0-46.0°C(23-115°F)			-5.0-46.0°C(23-115°F)			
Heating capacity (Nominal)	*2 kW	140.0			145.0			150.0			
	*2 BTU / h	477,700			494,700			511,800			
	Power input kW	36.08			37.27			39.26			
	Current input A	60.9-57.8-55.7			62.9-59.7-57.6			66.2-62.9-60.6			
Temp. range of heating	COP	3.88			3.89			3.82			
	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	50-130 % of outdoor unit capacity			50-130 % of outdoor unit capacity			50-130 % of outdoor unit capacity				
Sound pressure level (measured in anechoic room)	Model / Quantity	P15-P250 / 2-50			P15-P250 / 2-50			P15-P250 / 2-50			
	dB <A>	65			65.5			66			
Power pressure level (measured in anechoic room)	Model / Quantity	P15-P250 / 2-50			P15-P250 / 2-50			P15-P250 / 2-50			
	dB <A>	85			85.5			86			
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.)	41.28(1-5/8) Brazed			41.28(1-5/8) Brazed			41.28(1-5/8) Brazed			
Set Model											
Model	PUHY-P350YJM-A(-BS)	PUHY-P400YJM-A(-BS)	PUHY-P450YJM-A(-BS)	PUHY-P350YJM-A(-BS)	PUHY-P400YJM-A(-BS)	PUHY-P450YJM-A(-BS)	PUHY-P350YJM-A(-BS)	PUHY-P400YJM-A(-BS)	PUHY-P450YJM-A(-BS)		
FAN	Type x Quantity	Propeller fan x 1			Propeller fan x 1			Propeller fan x 2			
	Air flow rate	m ³ /min	210			210			370		
		L/s	3,500			3,500			6,167		
		cfm	7,415			7,415			13,065		
	Driving mechanism	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)			
Compressor	Type x Quantity	Inverter scroll hermetic compressor									
	Starting method	Inverter									
	Motor output kW	9.9			9.9			11.6			
	Case heater kW	0.045			0.045			0.045			
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>										
External dimension HxWxD	mm	1,710(1,650 without legs) x 1,220 x 760			1,710(1,650 without legs) x 1,220 x 760			1,710(1,650 without legs) x 1,220 x 760			
	in.	67-3/8(65 without legs) x 48-1/16 x 29-15/16			67-3/8(65 without legs) x 48-1/16 x 29-15/16			67-3/8(65 without legs) x 48-1/16 x 29-15/16			
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15MPa (601 psi)									
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection									
	Compressor	Over-heat protection									
	Fan motor	Over-heat protection									
Refrigerant	Type x original charge	R410A x 11.5kg (26lbs)			R410A x 11.5kg (26lbs)			R410A x 11.5kg (26lbs)			
	Net weight kg (lbs)	250(552)			250(552)			290(640)			
Heat exchanger	Type	Salt-resistant cross fin & copper tube									
	Pipe between unit and distributor	12.7(1/2) Brazed			12.7(1/2) Brazed			12.7(1/2) Brazed			
Optional parts	Liquid pipe mm (in.)	12.7(1/2) Brazed			12.7(1/2) Brazed			12.7(1/2) Brazed			
	Gas pipe mm (in.)	28.58(1-1/8) Brazed			28.58(1-1/8) Brazed			28.58(1-1/8) Brazed			

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).

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

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

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

► Specifications



Model	PUHY-P1250YSJM-A(-BS)			
Power source	3-phase 4-wire 380-400-415V 50/60Hz			
Cooling capacity (Nominal)	*1 kW	140.0		
	*1 BTU / h	477,700		
	Power input kW	42.94		
	Current input A	72.4-68.8-66.3		
Temp. range of cooling	COP	3.26		
	Indoor W.B.	15.0-24.0°C(59-75°F)		
	Outdoor D.B.	-5.0-46.0°C(23-115°F)		
Heating capacity (Nominal)	*2 kW	156.5		
	*2 BTU / h	534,000		
	Power input kW	40.86		
	Current input A	68.9-65.5-63.1		
Temp. range of heating	COP	3.83		
	Indoor W.B.	15.0-27.0°C(59-81°F)		
	Outdoor W.B.	-20.0-15.5°C(-4-60°F)		
Indoor unit connectable	50-130 % of outdoor unit capacity			
Sound pressure level (measured in anechoic room)	Model / Quantity	P15-P250 / 2-50		
	dB <A>	66		
Power pressure level (measured in anechoic room)	Model / Quantity	P15-P250 / 2-50		
	dB <A>	86		
Refrigerant piping diameter	Liquid pipe mm (in.)	19.05(3/4) Brazed		
	Gas pipe mm (in.)	41.28(1-5/8) Brazed		
Set Model				
Model	PUHY-P350YJM-A(-BS)	PUHY-P450YJM-A(-BS)	PUHY-P450YJM-A(-BS)	
FAN	Type x Quantity	Propeller fan x 1		
	Air flow rate	m ³ /min	370	
		L/s	6,167	
		cfm	13,065	
	Driving mechanism	Inverter-control, Direct-driven by motor		
	*3 External static press.	0 Pa (0 mmH ₂ O)		
Compressor	Type x Quantity	Inverter scroll hermetic compressor		
	Starting method	Inverter		
	Motor output kW	11.6		
	Case heater kW	0.045		
External finish	Pre-coated galvanized steel sheets (+powder coating for -BS type) <MUNSELL 5Y 8/1 or similar>			
External dimension HxWxD	mm	1,710(1,650 without legs) x 1,750 x 760		
	in.	67-3/8(65 without legs) x 68-15/16 x 29-15/16		
Protection devices	High pressure protection	High pressure sensor, High pressure switch at 4.15MPa (601 psi)		
	Inverter circuit (COMP./FAN)	Over-heat protection, Over-current protection		
	Compressor	Over-heat protection		
	Fan motor	Over-heat protection		
Refrigerant	Type x original charge	R410A x 11.8kg (27lbs)		
	Net weight kg (lbs)	290(640)		
Heat exchanger	Type	Salt-resistant cross fin & copper tube		
	Pipe between unit and distributor	15.88(5/8) Brazed		
Optional parts	Liquid pipe mm (in.)	15.88(5/8) Brazed		
	Gas pipe mm (in.)	28.58(1-1/8) Brazed		

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).

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

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