PUCY-P YKD (-BS)





Specifications

Model			PUCY-P200YKD (-BS)	PUCY-P250YKD (-BS)	PUCY-P300YKD (-BS)	PUCY-P350YKD (-BS)
Power source			3-phase 4-wire 380-400-415 V 50/60 Hz			
Cooling capacity	*1	1 kW	22.4	28.0	33.5	40.0
(Nominal)		kcal/h	20,000	25,000	30,000	35,000
		BTU/h	76.400	95.500	114.300	136.500
	Power input	kW	4.66	5.95	7.82	9.66
	Current input	A	7.8-7.4-7.2	10.0-9.5-9.1	13.2-12.5-12.0	16.3-15.4-14.9
	EER	kW/kW	4.80	4.70	4.28	4.14
Temp. range of	Indoor	W.B.	15.0~24.0 °C (59~75 °F)			
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)			
Indoor unit	Total capacity	0.0.	50~130% of outdoor unit			
connectable	Total oupdoity		capacity	capacity	capacity	capacity
0011110010010	Model/Quantity		P15~P250/1~17	P15~P250/1~21	P15~P250/1~26	P15~P400/1~30
Sound pressure le		dB <a>	57	58	61	61
(measured in aned		gB <a>	5/	58	61	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			
	Air flow rate	m³/min	175	175	175	210
		L/s	2.917	2.917	2.917	3,500
		cfm	6,179	6,179	6,179	7,415
	Control, Driving		Inverter-control,	Inverter-control,	Inverter-control.	Inverter-control,
	mechanism		Direct-driven by motor	Direct-driven by motor	Direct-driven by motor	Direct-driven by motor
	Motor output kW		0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
*2	External static pr	ress.	0 Pa (0 mmH₂O)			
Compressor	Туре		Inverter scroll hermetic	Inverter scroll hermetic	Inverter scroll hermetic	Inverter scroll hermetic
	**		compressor	compressor	compressor	compressor
	Starting method		Inverter	Inverter	Inverter	Inverter
	Motor output	kW	5.5	6.9	8.1	10.4
	Case heater	kW	_	_	_	_
External finish	•		Pre-coated galvanized steel sheets	Pre-coated galvanized steel sheets	Pre-coated galvanized steel sheets	Pre-coated galvanized steel sheet
			(+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>	(+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>	(+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>	(+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar:<="" td=""></munsell>
External dimensio	n H x W x D	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
		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
Protection devices	High pressure pr	rotection	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			
Refrigerant Type x original charge		R410A x 5.5 kg (13 lbs)	R410A x 6.5 kg (15 lbs)	R410A x 6.5 kg (15 lbs)	R410A x 11.5 kg (26 lbs)	
		kg (lbs)	174 (384)	183 (404)	200 (441)	236 (521)
Heat exchanger		1 (120)	Salt-resistant cross fin	Salt-resistant cross fin	Salt-resistant cross fin	Salt-resistant cross fin
out exerialized			& copper tube	& copper tube	& copper tube	& copper tube
Optional parts		Joint: CMY-Y102SS/LS-G2	Joint: CMY-Y102SS/LS-G2 Header: CMY-Y104/108/1010-G	Joint: CMY-Y102SS/LS-G2	Joint: CMY-Y102SS/ LS-G2,CMY-Y202S-G2 Header: CMY-Y104/108/1010-	

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

		/		
	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

YKD-series - Cooling-only

PUCY-P YKD (-BS)





Specifications

Model			PUCY-P400YKD (-BS)	PUCY-P450YKD (-BS)	PUCY-P500YKD (-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	*1	kW	44.0	48.0	56.0
(Nominal)		kcal/h	39,000	43,000	50,000
BTU/h		BTU/h	150,100	163,800	191,100
	Power input	kW	12.42	14.32	16.51
	Current input	Α	20.9-19.9-19.1	24.1-22.9-22.1	27.8-26.4-25.5
	EER	kW/kW	3.54	3.35	3.39
Temp. range of	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)
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
connectable	Model/Quantity		P15~P500/1~34	P15~P500/1~39	P15~P500/1~43
Sound pressure le		dB <a>	63	63	65
(measured in ane	choic room)	UB <a>	63	63	65
Refrigerant piping	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
diameter	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	m³/min	210	210	320
		L/s	3,500	3,500	5,333
		cfm	7,415	7,415	11,299
	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 2
*2	External static pre	ess.	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH ₂ O)
Compressor	Туре		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 1.1="" 3y="" 7.8="" or="" similar=""></munsell>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>
External dimension	n H x W x D	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 pro	tection	High pressure sensor,	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	High pressure sensor,
Inverter circui (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)	
		kg (lbs)	236 (521)	236 (521)	304 (671)
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	

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

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	Indoor	Outdoor	Pipe length	Level difference	
Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)	

YKD-series - Cooling-only

PUCY-P YSKD (-BS)



Specifications

Model			PUCY-P550	YSKD (-BS)	PUCY-P600	YSKD (-BS)	PUCY-P650	YSKD (-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	*1	kW	61	.5	68.0		72.0	
(Nominal)		kcal/h	52.900		58	.500	61.	900
,		BTU/h	209	800	232	2,000		,700
	Power input	kW	14	.04	15	5.34	17	.73
	Current input	Α	23.7-22	2.5-21.7	25.8-2	4.6-23.7	29.9-28	3.4-27.4
	EER	kW/kW	4.	38	4	.43	4.	06
Temp. range of	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)
cooling	Outdoor	D.B.	10.0~52.0 °C	(50~126 °F)	10.0~52.0 °(C (50~126 °F)	10.0~52.0 °C	(50~126 °F)
Indoor unit	Total capacity		50~130% of outo	loor unit capacity	50~130% of out	door unit capacity	50~130% of outo	door unit capacity
connectable	Model/Quantity		P15~P5	00/1~47	P15~P5	500/1~50	P15~P5	00/1~50
Sound pressure le	evel	dB <a>	6	2	,	33	6.4	1.5
(measured in ane	choic room)	UB <a>	0	ა	,	03	02	1.0
Refrigerant piping	Liquid pipe	mm (in.)	15.88 (5/	3) Brazed	15.88 (5)	(8) Brazed	15.88 (5/	8) Brazed
diameter	Gas pipe	mm (in.)	28.58 (1-1	/8) Brazed	28.58 (1-1	I/8) Brazed	28.58 (1-1	/8) Brazed
Set Model								
Model			PUCY-P250YKD (-BS)	PUCY-P300YKD (-BS	PUCY-P250YKD (-BS)	PUCY-P350YKD (-BS)	PUCY-P250YKD (-BS)	PUCY-P400YKD (-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	m³/min	175	175	175	210	175	210
		L/s	2,917	2,917	2,917	3,500	2,917	3,500
		cfm	6,179	6,179	6,179	7,415	6,179	7,415
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Di	rect-driven by motor	Inverter-control, Dir	ect-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
**	2 External static pr	ess.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)
Compressor	Туре		Inverter scroll her	metic compressor	Inverter scroll he	metic compressor	Inverter scroll her	metic compressor
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	6.9	8.1	6.9	10.4	6.9	10.8
	Case heater	kW	-	-	-	-	-	-
External finish				nized steel sheets		nized steel sheets		nized steel sheets
				ng for -BS type)		ng for -BS type)		ng for -BS type)
			<munsell 3y="" 7<="" td=""><td></td><td></td><td>7.8/1.1 or similar></td><td></td><td>7.8/1.1 or similar></td></munsell>			7.8/1.1 or similar>		7.8/1.1 or similar>
External dimension	on H x W x D	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
	I	in.	65 x 36-1/4 x 29-3/16				65 x 36-1/4 x 29-3/16	
Protection	High pressure pr	otection		ure sensor,		sure sensor,	High press High pressure switch	ure sensor,
devices	Inverter circuit			protection.		protection.		protection.
	(COMP./FAN)		Over-neat Over-currer			nt protection		nt protection
Refrigerant Type x original charge						R410A x 6.5 kg (15 lbs)		
Net weight kg (lbs)		183 (404)	200 (441)	183 (404)	236 (521)	183 (404)	236 (521)	
Heat exchanger			s fin & copper tube		s fin & copper tube		s fin & copper tube	
Pipe between unit Liquid pipe mm (in.)		9.52 (3/8) Brazed	12.7 (1/2) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed	9.52 (3/8) Brazed	15.88 (5/8) Brazed	
and distributor 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		28.58 (1-1/8) Brazed	
Optional parts	Toda hiho	1 (111.)	Outdoor Twinning k			kit: CMY-Y100VBK3		kit: CMY-Y100VBK3
Optional parts			Joint: CMY-Y			102SS/LS-G2,		102SS/LS-G2,
						202/302S-G2		202/302S-G2
			CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		CMY-Y202/3025-G2 Header: CMY-Y104/108/1010-G		Header: CMY-Y104/108/1010-G	

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

		- /			
	Indoor	Outdoor	Pipe length	Level difference	
Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)	

^{*2} External static pressure option is available (30Pa, 60Pa / 3.1mmHzO, 6.1mmHzO).
*Due to continuing improvement, above specifications may be subject to change without notice.

YKD-series - Cooling-only

PUCY-P YSKD (-BS)



Specifications

Model			PUCY-P700YSKD (-BS)	PUCY-P750YSKD (-BS)	PUCY-P800YSKD (-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	*1	kW	76.0	81.5	88.0
(Nominal)		kcal/h	65,400	70,100	75,700
		BTU/h	259,300	278,100	300,300
	Power input	kW	19.24	21.79	25.00
	Current input	Α	32.4-30.8-29.7	36.7-34.9-33.6	42.2-40.0-38.6
	EER	kW/kW	3.95	3.74	3.52
Temp. range of	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)
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
connectable	Model/Quantity		P15~P500/1~50	P15~P500/1~50	P15~P500/1~50
Sound pressure le (measured in ane			64.5	65.5	66
Refrigerant piping	Liquid pipe mm (in.) Gas pipe mm (in.)		19.05 (3/4) Brazed	19.05 (3/4) Brazed	19.05 (3/4) Brazed
diameter			34.93 (1-3/8) Brazed	34.93 (1-3/8) Brazed	34.93 (1-3/8) Brazed

Set Model

Model			PUCY-P250YKD (-BS)	PUCY-P450YKD (-BS)	PUCY-P300YKD (-BS)	PUCY-P450YKD (-BS)	PUCY-P400YKD (-BS)	PUCY-P400YKD (-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	m³/min	175	210	175	210	210	210	
		L/s	2,917	3,500	2,917	3,500	3,500	3,500	
		cfm	6,179	7,415	6,179	7,415	7,415	7,415	
	Control, Driving mechanism		Inverter-control, Dir	ect-driven by motor	Inverter-control, Dir	ect-driven by motor	Inverter-control, Dir	ect-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	
*2	External static pr	ess.	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	Туре		Inverter scroll her	metic compressor	Inverter scroll her	metic compressor	Inverter scroll her	metic compressor	
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	
	Motor output	kW	6.9	12.4	8.1	12.4	10.8	10.8	
	Case heater	kW	-	-	-	-	-	-	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>		
External dimension	n H x W x D	mm	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			
Extornar aminorioro		in.	,	, ,	7	65 x 48-1/16 x 29-3/16		, ,	
Protection devices	High pressure pr	otection	High press	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		High pressure sensor,		High pressure sensor,	
	Inverter circuit (COMP./FAN)			protection, nt protection		protection, nt protection	Over-heat Over-currer	protection, nt protection	
Refrigerant	Type x original c	harge	R410A x 6.5 kg (15 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 6.5 kg (15 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)	183 (404)	236 (521)	200 (441)	236 (521)	236 (521)	236 (521)	
Heat exchanger			Salt-resistant cross	s fin & copper tube	Salt-resistant cros	s fin & copper tube	Salt-resistant cross	s fin & copper tube	
Pipe between unit	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	
and distributor	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				it: CMY-Y200VBK2		kit: CMY-Y200VBK2	Outdoor Twinning k		
			Joint: CMY-Y			102SS/LS-G2,	Joint: CMY-Y		
			CMY-Y2 Header: CMY-Y	202/302S-G2		CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		202/302S-G2 104/108/1010-G	
			neader. Civi f - f	104/100/1010-G	neader. Civi f - f	104/106/1010-G	neader. Civi f - f	104/100/1010-G	

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

		- /			
	Indoor	Outdoor	Pipe length	Level difference	
Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)	

PUCY-P YSKD (-BS)



Specifications

Model			PUCY-P850YSKD (-BS)	PUCY-P900YSKD (-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	*1	kW	92.0	96.0
(Nominal)		kcal/h	79,100	82,600
		BTU/h	313,900	327,600
	Power input	kW	26.97	29.00
	Current input	Α	45.5-43.2-41.6	48.9-46.5-44.8
	EER	kW/kW	3.41	3.31
Temp. range of	Indoor W.B.		15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
connectable	Model/Quantity		P15~P500/1~50	P15~P500/1~50
Sound pressure le (measured in ane			66	66
Refrigerant piping	Liquid pipe mm (in.)		19.05 (3/4) Brazed	19.05 (3/4) Brazed
diameter	Gas pipe mm (in.		41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P400YKD (-BS)	PUCY-P450YKD (-BS)	PUCY-P450YKD (-BS)	PUCY-P450YKD (-BS)
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1
	Air flow rate	m³/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, Di	rect-driven by motor	Inverter-control, Dir	rect-driven by motor
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1
**	2 External static p	ress.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)
Compressor	Туре		Inverter scroll her	rmetic compressor	Inverter scroll her	metic 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 1.1="" 3y="" 7.8="" or="" similar=""></munsell>		Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>	
External dimension	on H x W x D	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 pr	otection	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)			protection, nt protection		protection, nt protection
Refrigerant	Type x original of	harge	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)	236 (521)	236 (521)	236 (521)	236 (521)
Heat exchanger			Salt-resistant cros	s fin & copper tube	Salt-resistant cros	s fin & copper tube
Pipe between uni	t Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
and distributor	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-Y202/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G		

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

	(,	- /		
	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

^{*2} External static pressure option is available (30Pa, 60Pa / 3.1mmHzO, 6.1mmHzO).
*Due to continuing improvement, above specifications may be subject to change without notice.

YKD-series - Cooling-only

PUCY-P YSKD (-BS)



Specifications

Model			PUCY-P950YSKD (-BS)	PUCY-P1000YSKD (-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	*1	kW	104.0	112.0
(Nominal)		kcal/h	89,400	96,300
		BTU/h	354,800	382,100
	Power input	kW	31.51	34.04
	Current input	Α	53.1-50.5-48.7	57.4-54.5-52.6
	EER	kW/kW	3.30	3.29
Temp. range of	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
connectable	Model/Quantity		P15~P500/1~50	P15~P500/1~50
Sound pressure le (measured in ane			67.5	68
Refrigerant piping	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
diameter	Gas pipe mm (in.)		41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P450YKD (-BS)	PUCY-P500YKD (-BS)	PUCY-P500YKD (-BS)	PUCY-P500YKD (-BS)	
Fan	Type x Quantity		Propeller fan x 1	Propeller fan x 2	Propeller fan x 2	Propeller fan x 2	
	Air flow rate	m³/min	210	320	320	320	
		L/s	3,500	5,333	5,333	5,333	
		cfm	7,415	11,299	11,299	11,299	
	Control, Driving mechanism		Inverter-control, Dir	rect-driven by motor	Inverter-control, Dir	ect-driven by motor	
	Motor output	kW	0.92 x 1	0.92 x 2	0.92 x 2	0.92 x 2	
*2	External static pi	ress.	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	Туре		Inverter scroll her	metic compressor	Inverter scroll her	metic compressor	
	Starting method		Inverter	Inverter	Inverter	Inverter	
	Motor output	kW	12.4	13.3	13.3	13.3	
	Case heater	kW	_	-	-	-	
External finish				nized steel sheets ng for -BS type) 7 8/1 1 or similar>	Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>		
External dimension	n H x W x D	mm		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 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 pr	otection		ure sensor, at 4.15 MPa (601 psi)	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)		
	Inverter circuit (COMP./FAN)			protection, nt protection	Over-heat protection, Over-current protection		
Refrigerant	Type x original c	harge	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)	236 (521)	304 (671)	304 (671)	304 (671)	
Heat exchanger			Salt-resistant cros	s fin & copper tube	Salt-resistant cross	s fin & copper tube	
Pipe between unit	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	
and distributor	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-Y202/302S-G2 Header: CMY-Y104/108/1010-G		Outdoor Twinning kit: CMY-Y200VBK2 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2 Header: CMY-Y104/108/1010-G			

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

		- /			
	Indoor	Outdoor	Pipe length	Level difference	
Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)	

^{*2} External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).
*Due to continuing improvement, above specifications may be subject to change without notice.

YKD-series - Cooling-only

PUCY-P YSKD (-BS)



Specifications

Model			PUCY-P1050YSKD (-BS)	PUCY-P1100YSKD (-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	*1	kW	115.0	121.5
(Nominal)		kcal/h	98,900	104,500
		BTU/h	392,400	414,600
	Power input	kW	29.63	30.99
	Current input	Α	50.0-47.5-45.8	52.3-49.7-47.9
	EER	kW/kW	3.88	3.92
Temp. range of	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
connectable	Model/Quantity		P15~P500/2~50	P15~P500/2~50
Sound pressure le			66.5	66.5
Refrigerant piping	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
diameter	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P300YKD (-BS)	PUCY-P300YKD (-BS)	PUCY-P450YKD (-BS)	PUCY-P300YKD (-BS)	PUCY-P350YKD (-BS)	PUCY-P450YKD (-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	m³/min	175	175	210	175	210	210
		L/s	2,917	2,917	3,500	2,917	3,500	3,500
		cfm	6,179	6,179	7,415	6,179	7,415	7,415
	Control, Driving mechanism		Inverter-	-control, Direct-driven t	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
*2	External static pr	ess.	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	Туре		Inverte	er scroll hermetic comp	pressor		er scroll hermetic comp	ressor
	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 1.1="" 3y="" 7.8="" or="" similar=""></munsell>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>		
External dimension	n H x W x D	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
		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 pr	otection	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	1		Over-heat protection, Over-current protection	1
Refrigerant	Type x original c	harge	R410A x 6.5 kg (15 lbs)	R410A x 6.5 kg (15 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 6.5 kg (15 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)
Net weight		kg (lbs)	200 (441)	200 (441)	236 (521)	200 (441)	236 (521)	236 (521)
Heat exchanger				sistant cross fin & copp		Salt-re:	sistant cross fin & copp	er tube
Pipe between unit	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
and distributor	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
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				

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

		/		
	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

^{*2} External static pressure option is available (30Pa, 60Pa / 3.1mmHzO, 6.1mmHzO).
*Due to continuing improvement, above specifications may be subject to change without notice.

PUCY-P YSKD (-BS)



Specifications

Model			PUCY-P1150YSKD (-BS)	PUCY-P1200YSKD (-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	*1	kW	128.0	132.0
(Nominal)		kcal/h	110,100	113,500
		BTU/h	436,700	450,400
	Power input	kW	33.95	37.50
	Current input	Α	57.3-54.4-52.4	63.3-60.1-57.9
	EER	kW/kW	3.77	3.52
Temp. range of	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
connectable	Model/Quantity		P15~P500/2~50	P15~P500/2~50
Sound pressure le			67.5	68
Refrigerant piping	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
diameter	Gas pipe mm (in.)		41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

						,		
Model			PUCY-P350YKD (-BS)	PUCY-P400YKD (-BS)	PUCY-P400YKD (-BS)	PUCY-P400YKD (-BS)	PUCY-P400YKD (-BS)	PUCY-P400YKD (-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	m³/min	210	210	210	210	210	210
		L/s	3,500	3,500	3,500	3,500	3,500	3,500
		cfm	7,415	7,415	7,415	7,415	7,415	7,415
	Control, Driving mechanism		Inverter	-control, Direct-driven l	by motor	Inverter	-control, Direct-driven I	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
*2	External static pr	ess.	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	Туре		Inverte	er scroll hermetic comp	ressor	Inverte	er scroll hermetic comp	pressor
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	10.4	10.8	10.8	10.8	10.8	10.8
	Case heater	kW	-	-	-	-	-	-
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>		
External dimensio	n H x W x D	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
		in.		35 x 48-1/16 x 29-3/16 65 x 48-1/16 x 29-3/1				
Protection devices	High pressure pr	otection	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	1	-	Over-heat protection, Over-current protection	1
Refrigerant	Type x original c	harge	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)	236 (521)	236 (521)	236 (521)	236 (521)	236 (521)	236 (521)
Heat exchanger			Salt-res	sistant cross fin & copp		Salt-re:	sistant cross fin & copp	er tube
Pipe between unit	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
and distributor	Gas pipe	mm (in.)		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				

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

		- /		
	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

^{*2} External static pressure option is available (30Pa, 60Pa / 3.1mmHzO, 6.1mmHzO).
*Due to continuing improvement, above specifications may be subject to change without notice.

PUCY-P YSKD (-BS)



Specifications

Model			PUCY-P1250YSKD (-BS)	PUCY-P1300YSKD (-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	*1	kW	136.0	140.0	
(Nominal)		kcal/h	117,000	120,400	
		BTU/h	464,000	477,700	
	Power input	kW	39.42	41.54	
	Current input	Α	66.5-63.2-60.9	70.1-66.6-64.2	
	EER	kW/kW	3.45	3.37	
Temp. range of	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	
connectable	Model/Quantity		P15~P500/2~50	P15~P500/2~50	
Sound pressure le (measured in ane			68	68	
Refrigerant piping	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed	
diameter	Gas pipe mm (in.)		41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed	

Set Model

Model			PUCY-P400YKD (-BS)	PUCY-P400YKD (-BS)	PUCY-P450YKD (-BS)	PUCY-P400YKD (-BS)	PUCY-P450YKD (-BS)	PUCY-P450YKD (-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	m³/min	210	210	210	210	210	210
		L/s	3,500	3,500	3,500	3,500	3,500	3,500
		cfm	7,415	7,415	7,415	7,415	7,415	7,415
	Control, Driving mechanism		Inverter	-control, Direct-driven l	by motor	Inverter	-control, Direct-driven I	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
*2	External static pr	ess.	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	Туре		Inverte	er scroll hermetic comp	ressor	Inverte	er scroll hermetic comp	ressor
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	10.8	10.8	12.4	10.8	12.4	12.4
	Case heater	kW	_	_	_	-	-	_
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>		
External dimensio	n H x W x D	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	
		in.		35 x 48-1/16 x 29-3/16 65 x 48-1/16 x 29-3/16				
Protection devices	High pressure pr	otection	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	1	-	Over-heat protection, Over-current protection	1
Refrigerant	Type x original cl	narge	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)	236 (521)	236 (521)	236 (521)	236 (521)	236 (521)	236 (521)
Heat exchanger			Salt-res	sistant cross fin & copp		Salt-re:	sistant cross fin & copp	er tube
Pipe between unit	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
and distributor	Gas pipe	mm (in.)		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				

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

		/		
	Indoor	Outdoor	Pipe length	Level difference
Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)

^{*2} External static pressure option is available (30Pa, 60Pa / 3.1mmHzO, 6.1mmHzO). *Due to continuing improvement, above specifications may be subject to change without notice.

YKD-series - Cooling-only

PUCY-P YSKD (-BS)



Specifications

Model			PUCY-P1350YSKD (-BS)	PUCY-P1400YSKD (-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	*1	kW	144.0	152.0
(Nominal)		kcal/h	123,800	130,700
		BTU/h	491,300	518,600
	Power input kV		43.63	46.06
	Current input A		73.6-69.9-67.4	77.7-73.8-71.1
	EER	kW/kW	3.30	3.30
Temp. range of	Indoor W.B.		15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
connectable	Model/Quantity		P15~P500/2~50	P15~P500/2~50
Sound pressure le (measured in ane		dB <a>	68	68.5
Refrigerant piping	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
diameter	Gas pipe mm (in.)		41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P450YKD (-BS)	PUCY-P450YKD (-BS)	PUCY-P450YKD (-BS)	PUCY-P450YKD (-BS)	PUCY-P450YKD (-BS)	PUCY-P500YKD (-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 2
	Air flow rate	m³/min	210	210	210	210	210	320
		L/s	3,500	3,500	3,500	3,500	3,500	5,333
		cfm	7,415	7,415	7,415	7,415	7,415	11,299
	Control, Driving mechanism		Inverter-	control, Direct-driven b	by motor	Inverter	-control, Direct-driven b	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 2
*2	External static pr	ess.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)
Compressor	Туре		Inverte	er scroll hermetic comp	ressor	Inverte	er scroll hermetic comp	ressor
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	12.4	12.4	12.4	12.4	12.4	13.3
	Case heater	kW	-	-	_	-	-	_
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>		
External dimension	n H x W x D	mm	1.650 x 1.220 x 740		1.650 x 1.220 x 740		1.650 x 1.220 x 740	
		in.	,,	, ,	7	65 x 48-1/16 x 29-3/16	, ,	7
Protection devices	High pressure pr	otection	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	1	Over-heat protection, Over-current protection		1
Refrigerant	Type x original c	harge	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 11.8 kg (27 lbs)
Net weight		kg (lbs)	236 (521)	236 (521)	236 (521)	236 (521)	236 (521)	304 (671)
Heat exchanger				sistant cross fin & copp			sistant cross fin & copp	er tube
Pipe between unit	t Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed
and distributor	Gas pipe	mm (in.)		28.58 (1-1/8) Brazed			28.58 (1-1/8) Brazed	
Optional parts				Twinning kit: CMY-Y3		Outdoor Twinning kit: CMY-Y300VBK3		
			Joi	int: CMY-Y102SS/LS-C		Joint: CMY-Y102SS/LS-G2,		
				CMY-Y202/302S-G			CMY-Y202/302S-G	
			Head	der: CMY-Y104/108/10	10-G	Head	der: CMY-Y104/108/10	10-G

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

		- /			
	Indoor	Outdoor	Pipe length	Level difference	
Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)	

YKD-series - Cooling-only

PUCY-P YSKD (-BS)



Specifications

Model			PUCY-P1450YSKD (-BS)	PUCY-P1500YSKD (-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	*1	kW	160.0	168.0	
(Nominal)		kcal/h	137,600	144,500	
		BTU/h	545,900	573,200	
	Power input	kW	48.63	51.06	
	Current input A		82.0-77.9-75.1	86.1-81.8-78.9	
	EER	kW/kW	3.29	3.29	
Temp. range of	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	
connectable	Model/Quantity		P15~P500/2~50	P15~P500/2~50	
Sound pressure le		dB <a>	69.5	70	
Refrigerant piping	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed	
diameter	Gas pipe mm (in.)		41.28 (1-5/8) Brazed 41.28 (1-5/8) Brazed		

Set Model

Model			PUCY-P450YKD (-BS)	PUCY-P500YKD (-BS)	PUCY-P500YKD (-BS)	PUCY-P500YKD (-BS)	PUCY-P500YKD (-BS)	PUCY-P500YKD (-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	m³/min	210	320	320	320	320	320	
		L/s	3,500	5,333	5,333	5,333	5,333	5,333	
		cfm	7,415	11,299	11,299	11,299	11,299	11,299	
	Control, Driving mechanism		Inverter	-control, Direct-driven l	by motor	Inverter	-control, Direct-driven I	by motor	
	Motor output	kW	0.92 x 1	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	0.92 x 2	
*2	External static pr	ess.	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 mmH₂O)	
Compressor	Туре		Inverte	er scroll hermetic comp	ressor	Inverte	er scroll hermetic comp	ressor	
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	
	Motor output	kW	12.4	13.3	13.3	13.3	13.3	13.3	
	Case heater	kW	-	-	-	-	-	-	
External finish	External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>		
External dimensio	n H x W x D	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.	15 x 48-1/16 x 29-3/16 65 x 68-15/16 x 29-3/16 65 x 68						
Protection devices	High pressure pr	otection	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-heat protection, Over-current protection Over-current protection				
Refrigerant	Type x original cl	narge	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)	236 (521)	304 (671)	304 (671)	304 (671)	304 (671)	304 (671)	
Heat exchanger			Salt-res	sistant cross fin & copp		Salt-re:	sistant cross fin & copp	er tube	
Pipe between unit	Liquid pipe	mm (in.)	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	15.88 (5/8) Brazed	
and distributor	Gas pipe	mm (in.)		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				

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

		/			
	Indoor	Outdoor	Pipe length	Level difference	
Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)	

YKD-series - Cooling-only High Efficiency

PUCY-EP YSKD (-BS)



Specifications

Model			PUCY-EP40	OYSKD (-BS)	PUCY-EP45	OYSKD (-BS)	PUCY-EP50	OYSKD (-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	*1	kW	44.8		50.4		56.0	
(Nominal)		kcal/h	38.500		43.	300	48.	200
,		BTU/h	152	,900		,000	191	,100
	Power input	kW	9.		11	.37	12	.84
	Current input	Α	16.7-15	5.9-15.3	19.1-18	3.2-17.5	21.6-20).5-19.8
	EER	kW/kW	4.	51	4.	43	4.	36
Temp. range of	Indoor	W.B.	15.0~24.0 °C	C (59~75 °F)	15.0~24.0 °	C (59~75 °F)	15.0~24.0 °(C (59~75 °F)
cooling	Outdoor	D.B.	10.0~52.0 °C	(50~126 °F)	10.0~52.0 °C	C (50~126 °F)	10.0~52.0 °C	(50~126 °F)
Indoor unit	Total capacity	'	50~130% of outo	loor unit capacity	50~130% of outo	door unit capacity	50~130% of outo	door unit capacity
connectable	Model/Quantity		P15~P5	00/1~34	P15~P5	00/1~39	P15~P5	00/1~43
Sound pressure le	evel	dB <a>	6	0	C).5		1
(measured in ane	echoic room)	ub <a>	O	U	00	J.5	0	11
Refrigerant piping	Liquid pipe	mm (in.)	12.7 (1/2) Brazed	15.88 (5/	8) Brazed	15.88 (5/	8) Brazed
diameter	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			PUCY-P200YKD (-BS)	PUCY-P200YKD (-BS)	PUCY-P200YKD (-BS)	PUCY-P250YKD (-BS)	PUCY-P250YKD (-BS)	PUCY-P250YKD (-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	m³/min	175	175	175	175	175	175
		L/s	2,917	2,917	2,917	2,917	2,917	2,917
		cfm	6,179	6,179	6,179	6,179	6,179	6,179
	Control, Driving mechanism		Inverter-control, Direct-driven by motor		Inverter-control, Di	ect-driven by motor	Inverter-control, Dir	ect-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
**	2 External static pr	ess.	0 Pa (0 mmH₂O)	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		Inverter scroll her	metic compressor	Inverter scroll her	metic compressor	Inverter scroll her	metic compressor
•	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	5.5	5.5	5.5	6.9	6.9	6.9
	Case heater	kW	-	-	_	-	-	-
External finish				nized steel sheets		nized steel sheets		nized steel sheets
				ng for -BS type)		ng for -BS type)		ng for -BS type)
				7.8/1.1 or similar>		7.8/1.1 or similar>		7.8/1.1 or similar>
External dimension	on H x W x D	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
Protection	High pressure pre	otection		ure sensor,		ure sensor,		ure sensor,
devices							High pressure switch	
	Inverter circuit (COMP./FAN)		Over-neat Over-currer	protection,		protection, nt protection		protection,
Defricerent							R410A x 6.5 kg (15 lbs)	
Refrigerant Net weight	Type x original ch	kg (lbs)	174 (384)	174 (384)	174 (384)	183 (404)	183 (404)	183 (404)
		ry (IDS)		s fin & copper tube		s fin & copper tube		s fin & copper tube
Heat exchanger Pipe between unit 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	9.52 (3/8) Brazed	
and distributor	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	22.2 (7/8) Brazed
Optional parts	loas hihe	111111 (111.)		tit: CMY-Y100VBK3		kit: CMY-Y100VBK3		kit: CMY-Y100VBK3
Optional parts								
		Joint: CMY-Y102SS/LS-G2,		Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2		Joint: CMY-Y102SS/LS-G2, CMY-Y202S-G2		
				202S-G2				

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

			/			
		Indoor	Outdoor	Pipe length	Level difference	
	Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)	

^{*2} External static pressure option is available (30Pa, 60Pa / 3.1mmHzO, 6.1mmHzO).
*Due to continuing improvement, above specifications may be subject to change without notice.

PUCY-EP YSKD (-BS)



12.7 (1/2) Brazed 28.58 (1-1/8) Brazed

12.7 (1/2) Brazed

28.58 (1-1/8) Brazed 28.58 (1-1/8)

Outdoor Twinning kit: CMY-Y200VBK2

Joint: CMY-Y102SS/LS-G2,

CMY-Y202/302S-G2

Header: CMY-Y104/108/1010-G

Specifications

Model			PUCY-EP65	0YSKD (-BS)	PUCY-EP700	PUCY-EP700YSKD (-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	*	1 kW	7:	3.5	80	1.0		
(Nominal)		kcal/h	63,	200	68,800			
		BTU/h	250	,800	273,000			
	Power input kW		18	3.32	19.75			
	Current input	A	30.9-29	9.3-28.3	33.3-31	.6-30.5		
	EER	kW/kW	4.	.01	4.	05		
Temp. range of Indoor W.B.		W.B.	15.0~24.0 °	C (59~75 °F)	15.0~24.0 °C	C (59~75 °F)		
cooling	Outdoor	D.B.	10.0~52.0 °C	C (50~126 °F)	10.0~52.0 °C (50~126 °F)			
Indoor unit	Total capacity		50~130% of outo	door unit capacity	50~130% of outo	loor unit capacity		
connectable	Model/Quantity		P15~P5	500/1~50	P15~P5	00/1~50		
Sound pressure I	evel	dB <a>	4	54	6	4		
(measured in ane		ub \A>						
Refrigerant piping		mm (in.)	15.88 (5/	(8) Brazed	19.05 (3/-			
diameter	Gas pipe	mm (in.)	28.58 (1-1	I/8) Brazed	34.93 (1-3	/8) Brazed		
Set Model								
Model			PUCY-P300YKD (-BS)	PUCY-P350YKD (-BS)	PUCY-P350YKD (-BS)	PUCY-P350YKD (-BS)		
Fan	Type x Quantity	/	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1	Propeller fan x 1		
	Air flow rate	m³/min	175	210	210	210		
		L/s	2.917	3,500	3,500	3.500		
		cfm	6.179	7.415	7.415	7.415		
	Control, Driving mechanism		Inverter-control, Di	rect-driven by motor	Inverter-control, Dir	ect-driven by motor		
	Motor output	kW	0.92 x 1	0.92 x 1	0.92 x 1	0.92 x 1		
**	2 External static p		0 Pa (0 mmH₂O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH₂O)		
Compressor	Type	J1000.		rmetic compressor		metic compressor		
oomproood.	Starting method	ł	Inverter	Inverter	Inverter	Inverter		
	Motor output	kW	8.1	10.4	10.4	10.4		
	Case heater	kW	=	_	=	=		
External finish			(+powder coati	nized steel sheets ing for -BS type) 7.8/1.1 or similar>	Pre-coated galvar (+powder coatir <munsell 3y="" 7<="" td=""><td>ng for -BS type)</td></munsell>	ng for -BS type)		
External dimension	on H x W x D	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 p	protection		sure sensor, at 4.15 MPa (601 psi)	High press High pressure switch	ure sensor,		
UCVICCO	Inverter circuit			protection,	Over-heat			
	(COMP./FAN)			nt protection	Over-currer			
Refrigerant	Type x original	charge	R410A x 6.5 kg (15 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)		
Net weight	, , po x onginar	kg (lbs)	200 (441)	236 (521)	236 (521)	236 (521)		
Heat exchanger		1 ()		s fin & copper tube		s fin & copper tube		
	it Liquid pipo	mm (in)		12.7 (1/2) Prozed	12.7 (1/2) Prozed			

12.7 (1/2) Brazed 28.58 (1-1/8) Brazed

Notes:

and distributor

Optional parts

Pipe between unit Liquid pipe

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

		/			
	Indoor	Outdoor	Pipe length	Level difference	
Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)	

12.7 (1/2) Brazed

Outdoor Twinning kit: CMY-Y100VBK3 Joint: CMY-Y102SS/LS-G2, CMY-Y202/302S-G2

Header: CMY-Y104/108/1010-G

22.2 (7/8) Brazed

mm (in.)

^{*2} External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).
*Due to continuing improvement, above specifications may be subject to change without notice.

PUCY-EP YSKD (-BS)



Specifications

Model			PUCY-EP750YSKD (-BS)	PUCY-EP800YSKD (-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	*1	kW	84.8	90.4
(Nominal)		kcal/h	72,900	77,700
		BTU/h	289,300	308,400
	Power input	kW	19.44	20.97
	Current input A		32.8-31.1-30.0	35.4-33.6-32.4
	EER	kW/kW	4.36	4.31
Temp. range of	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
connectable	Model/Quantity		P15~P500/1~50	P15~P500/1~50
Sound pressure level (measured in anechoic room)		dB <a>	64	64
Refrigerant piping	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
diameter	Gas pipe mm (in.)		34.93 (1-3/8) Brazed	34.93 (1-3/8) Brazed

Set Model

Model			PUCY-P200YKD (-BS)	PUCY-P200YKD (-BS)	PUCY-P350YKD (-BS)	PUCY-P200YKD (-BS)	PUCY-P250YKD (-BS)	PUCY-P350YKD (-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	m³/min	175	175	210	175	175	210
		L/s	2,917	2,917	3,500	2,917	2,917	3,500
		cfm	6,179	6,179	7,415	6,179	6,179	7,415
	Control, Driving mechanism		Inverter	-control, Direct-driven I	by motor	Inverter	-control, Direct-driven I	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
*2	External static pr	ess.	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 mmH₂O)
Compressor	Туре		Inverte	er scroll hermetic comp	ressor	Inverte	er scroll hermetic comp	ressor
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	5.5	5.5	10.4	5.5	6.9	10.4
	Case heater	kW	-	-	-	-	-	-
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>		
External dimensio	n H x W x D	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 pr	otection	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	1	Over-heat protection, Over-current protection		1
Refrigerant	Type x original cl	narge		R410A x 5.5 kg (13 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 5.5 kg (13 lbs)	R410A x 6.5 kg (15 lbs)	R410A x 11.5 kg (26 lbs)
Net weight		kg (lbs)	174 (384)	174 (384)	236 (521)	174 (384)	183 (404)	236 (521)
Heat exchanger			Salt-res	sistant cross fin & copp		Salt-res	sistant cross fin & copp	er tube
Pipe between unit	Liquid pipe	mm (in.)	9.52 (3/8) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed	9.52 (3/8) Brazed	9.52 (3/8) Brazed	12.7 (1/2) Brazed
and distributor	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			

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

			/			
		Indoor	Outdoor	Pipe length	Level difference	
	Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)	

PUCY-EP YSKD (-BS)



Specifications

Model			PUCY-EP850YSKD (-BS)	PUCY-EP900YSKD (-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	*1	kW	96.0	101.5
(Nominal)		kcal/h	82,600	87,300
		BTU/h	327,600	346,300
	Power input	kW	22.53	24.57
	Current input	Α	38.0-36.1-34.8	41.4-39.4-37.9
	EER	kW/kW	4.26	4.13
Temp. range of	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
connectable	Model/Quantity		P15~P500/1~50	P15~P500/1~50
Sound pressure le			64	65
Refrigerant piping	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
diameter	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P250YKD (-BS)	PUCY-P250YKD (-BS)	PUCY-P350YKD (-BS)	PUCY-P250YKD (-BS)	PUCY-P300YKD (-BS)	PUCY-P350YKD (-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	m³/min	175	175	210	175	175	210
		L/s	2,917	2,917	3,500	2,917	2,917	3,500
		cfm	6,179	6,179	7,415	6,179	6,179	7,415
	Control, Driving mechanism		Inverter-	control, Direct-driven t	by motor	Inverter	-control, Direct-driven I	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
*2	External static pr	ess.	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 mmH₂O)
Compressor	Туре		Inverte	er scroll hermetic comp	ressor	Inverte	er scroll hermetic comp	pressor
	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 1.1="" 3y="" 7.8="" or="" similar=""></munsell>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>		
External dimension	n H x W x D	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 pr	otection	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 c	harge	R410A x 6.5 kg (15 lbs)	R410A x 6.5 kg (15 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 6.5 kg (15 lbs)	R410A x 6.5 kg (15 lbs)	R410A x 11.5 kg (26 lbs)
Net weight		kg (lbs)	183 (404)	183 (404)	236 (521)	183 (404)	200 (441)	236 (521)
Heat exchanger		Salt-res	sistant cross fin & copp	er tube		sistant cross fin & copp	er tube	
Pipe between unit	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
and distributor	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				

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

			- /			
		Indoor	Outdoor	Pipe length	Level difference	
	Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)	

^{*2} External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).
*Due to continuing improvement, above specifications may be subject to change without notice.

PUCY-EP YSKD (-BS)





Specifications

Model			PUCY-EP950YSKD (-BS)	PUCY-EP1000YSKD (-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	*1	kW	107.0	113.5
(Nominal)		kcal/h	92,000	97,600
		BTU/h	365,100	387,300
	Power input	kW	26.81	28.80
	Current input	Α	45.2-42.9-41.4	48.6-46.1-44.5
	EER		3.99	3.94
Temp. range of	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity
connectable	Model/Quantity		P15~P500/1~50	P15~P500/1~50
Sound pressure le			66	66
Refrigerant piping	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed
diameter	Gas pipe	mm (in.)	41.28 (1-5/8) Brazed	41.28 (1-5/8) Brazed

Set Model

Model			PUCY-P300YKD (-BS)	PUCY-P300YKD (-BS)	PUCY-P350YKD (-BS)	PUCY-P300YKD (-BS)	PUCY-P350YKD (-BS)	PUCY-P350YKD (-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	m³/min	175	175	210	175	210	210	
		L/s	2,917	2,917	3,500	2,917	3,500	3,500	
		cfm	6,179	6,179	7,415	6,179	7,415	7,415	
	Control, Driving mechanism		Inverter	-control, Direct-driven t	by motor	Inverter	-control, Direct-driven I	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	
*2	External static pr	ess.	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH₂O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH ₂ O)	0 Pa (0 mmH₂O)	
Compressor	Туре		Inverte	er scroll hermetic comp	ressor	Inverte	er scroll hermetic comp	ressor	
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	
	Motor output	kW	8.1	8.1	10.4	8.1	10.4	10.4	
	Case heater	kW	-	_	_	-	-	_	
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>			
External dimensio	n H x W x D	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 pr	otection	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		1		
Refrigerant	Type x original cl	narge	R410A x 6.5 kg (15 lbs)	R410A x 6.5 kg (15 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 6.5 kg (15 lbs)	R410A x 11.5 kg (26 lbs)	R410A x 11.5 kg (26 lbs)	
Net weight		kg (lbs)	200 (441)	200 (441)	236 (521)	200 (441)	236 (521)	236 (521)	
Heat exchanger	Heat exchanger		Salt-res	sistant cross fin & copp	er tube	Salt-re:	sistant cross fin & copp	er tube	
Pipe between unit	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	
and distributor	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					

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

			/			
		Indoor	Outdoor	Pipe length	Level difference	
	Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)	

^{*2} External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).
*Due to continuing improvement, above specifications may be subject to change without notice.

PUCY-EP YSKD (-BS)



Specifications

Model			PUCY-EP1050YSKD (-BS)	PUCY-EP1100YSKD (-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	*1	kW	120.0	124.0	
(Nominal)		kcal/h	103,200	106,600	
		BTU/h	409,400	423,100	
	Power input	kW	29.62	32.37	
	Current input	Α	50.0-47.5-45.7	54.6-51.9-50.0	
	EER	kW/kW	4.05	3.83	
Temp. range of	Indoor	W.B.	15.0~24.0 °C (59~75 °F)	15.0~24.0 °C (59~75 °F)	
cooling	Outdoor	D.B.	10.0~52.0 °C (50~126 °F)	10.0~52.0 °C (50~126 °F)	
Indoor unit	Total capacity		50~130% of outdoor unit capacity	50~130% of outdoor unit capacity	
connectable	Model/Quantity		P15~P500/2~50	P15~P500/2~50	
Sound pressure level (measured in anechoic room)		dB <a>	66	67	
Refrigerant piping	Liquid pipe	mm (in.)	19.05 (3/4) Brazed	19.05 (3/4) Brazed	
diameter	Gas pipe mm (in.)		41.28 (1-5/8) Brazed 41.28 (1-5/8) Brazed		

Set Model

Model			PUCY-P350YKD (-BS)	PUCY-P350YKD (-BS)	PUCY-P350YKD (-BS)	PUCY-P350YKD (-BS)	PUCY-P350YKD (-BS)	PUCY-P400YKD (-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	m³/min	210	210	210	210	210	210
		L/s	3,500	3,500	3,500	3,500	3,500	3,500
		cfm	7,415	7,415	7,415	7,415	7,415	7,415
	Control, Driving mechanism		Inverter	control, Direct-driven b	by motor	Inverter	-control, Direct-driven I	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
*2	External static pr	ess.	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	Туре		Inverte	er scroll hermetic comp	ressor		er scroll hermetic comp	ressor
	Starting method		Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Motor output	kW	10.4	10.4	10.4	10.4	10.4	10.8
	Case heater	kW	-	-	_	-	_	_
External finish			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>			Pre-coated galvanized steel sheets (+powder coating for -BS type) <munsell 1.1="" 3y="" 7.8="" or="" similar=""></munsell>		
External dimension	n H x W x D	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	
		in.	65 x 48-1/16 x 29-3/16					
Protection devices	High pressure pr	otection	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 c	harge	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)	236 (521)	236 (521)	236 (521)	236 (521)	236 (521)	236 (521)
Heat exchanger		Salt-res	sistant cross fin & copp		Salt-res	sistant cross fin & copp		
Pipe between unit	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
and distributor	Gas pipe	mm (in.)		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				

^{*1} Nominal cooling conditions (subject to JIS B8615-2)

			- /			
		Indoor	Outdoor	Pipe length	Level difference	
	Cooling	27 °CD.B./19 °CW.B. (81 °FD.B./66 °FW.B.)	35 °CD.B. (95 °FD.B.)	7.5 m (24-9/16 ft.)	0 m (0 ft.)	

^{*2} External static pressure option is available (30Pa, 60Pa / 3.1mmH₂O, 6.1mmH₂O).
*Due to continuing improvement, above specifications may be subject to change without notice.