



R-410A, R22

PCE-GC(P)U SERIES

SINGLE/TWIN FAN DX CASSETTE AIR CONDITIONERS



4-WIRE INDOOR - OUTDOOR CONNECTION

CONDENSATE DRAIN PUMP WITH FLOAT SWITCH

4 WAY DIRECTIONAL AIR FLOW

FRESH AIR INTAKE CONNECTION

FITS IN FALSE CEILINGS

(600mm x 600mm) or (600mm x 1200mm)

BRANCH DUCT CONNECTIONS

MICROPROCESSOR CONTROL WITH :

- AUTO RESTART

HORIZONTAL AIR DISCHARGE

HIGH EFFICIENCY LOUVERED FIN & INNER GROOVED TUBE

REMOTE CONTROL HANDSET

WIRED WALL PAD (OPTIONAL)

OUTDOOR VARIABLE FAN SPEED CONTROL (OPTIONAL)



SINGLE AND TWIN FAN DX CASSETTE TYPE AIR CONDITIONERS

PRELIMINARY SPECIFICATIONS

PCE-GC(PJU) SERIES R22

Model	Indoor unit		PCE-03-D(H)S	PCE-04-D(H)S	PCE-06-D(H)S	PCE-08-D(H)S	PCE-09-D(H)S	PCE-09-D(H)X	PCE-10-D(H)S	PCE-10-D(H)X	PCE-12-D(H)S	PCE-12-D(H)X	PCE-14-D(H)S	PCE-14-D(H)X	PCE-16-D(H)X		
	Outdoor unit		GC(PJU)09-YK	GC(PJU)12-YK	GC(PJU)18-YK	GC(PJU)24-YK	GC(PJU)28-YK	GC(PJU)28-ZL	GC(PJU)32-ZK	GC(PJU)32-ZL	GC(PJU)36-ZK	GC(PJU)36-ZL	GC(PJU)40-ZK	GC(PJU)40-ZL	GC(PJU)50-ZL		
Nominal cooling capacity	btu / h		8,900	12,300	17,400	23,100	27,700	28,300	31,300	31,300	35,300	35,300	40,000	40,200	49,200		
	kW		2.6	3.6	5.1	6.8	8.1	8.3	9.2	9.2	10.3	10.3	11.7	11.8	14.4		
Nominal heating capacity	btu / h		9200	12600	18500	23500	29000	30000	32900	32900	36700	36700	40900	41100	51400		
	kW		2.7	3.7	5.4	6.9	8.5	8.8	9.6	9.6	10.8	10.8	12.0	12.0	15.1		
EER	kW / kW		2.83	2.95	2.86	2.82	2.85	2.91	2.70	2.87	2.72	2.80	2.70	2.77	2.88		
COP	kW / kW		3.21	3.36	2.88	2.99	2.93	3.03	2.92	3.11	2.95	3.03	3.42	3.54	3.04		
Electric heater Capacity (Optional)	btu / h		3400	3400	6800	6800	10200	10200	10200	10200	10200	10200	10200	10200	10200		
	kW		1	1	2	2	3	3	3	3	3	3	3	3	3		
Electrical insulation protection class	1																
Water proof class	IP24																
Dehumidification	L / h		0.75	1.2	1.5	2.2	3	3	3.2	3.2	3.5	3.5	4	4	6		
Power Input	Cooling	W	920	1220	1920	2400	2850	2850	3400	3200	3800	3700	4350	4250	5000		
	Heating	W	840	1100	1880	2300	2900	2900	3300	3100	3650	3550	3500	3400	4950		
Electric Heater Power Input	W		1000	1000	2000	2000	3000	3000	3000	3000	3000	3000	4000	4000	3000		
Running Current	Cooling	A	4.1	5.5	8.8	10.8	12.5	4.8	15.2	5.3	17.3	6.1	19.9	7.4	8.5		
	Heating	A	3.6	4.8	8.6	10.3	12.8	4.9	14.8	5.1	17.1	5.9	16.0	5.6	8.4		
Start current	A		21	28	45	49.7	63	41.1	75.5	65	97	65	98.5	48.2	63		
Electric Heater Running Current	A		4.3	4.3	8.7	8.7	13	13	13	13	13	13	13	13	13		
Power supply	V / Ph / Hz		230 / 1 / 50					400 / 3 / 50		230 / 1 / 50		400 / 3 / 50		230 / 1 / 50		400 / 3 / 50	
Indoor unit	Model		PCE-03-D(H)S	PCE-04-D(H)S	PCE-06-D(H)S	PCE-08-D(H)S	PCE-09-D(H)S	PCE-09-D(H)X	PCE-10-D(H)S	PCE-10-D(H)X	PCE-12-D(H)S	PCE-12-D(H)X	PCE-14-D(H)S	PCE-14-D(H)X	PCE-16-D(H)X		
	Airflow (H / M / L)	m ³ / min	6/5/4.2	8.5/7/5.8	10.4/9.4/7.8	12.8/10.4/8.6	17/14/11.5		19.3/16/13		21.4/18.3/16.1		23/19.8/16.3		25/21/17.5		
	Noise level @ 1m	dB (A)	29/37/38	30/37/39	35/41/43	37/43/46	32/39/40		36/44/46		38/47/49		40/47/49		40/48/50		
	Cond. drain connection OD/ID	mm (in)	19.05(3/4)														
	Dimensions	H	mm	250	250	290	290	290		290		290		290		290	
		W	mm	570	570	570	570	570		570		570		570		570	
		D	mm	570	570	570	570	1,100		1,100		1,100		1,100		1,100	
Panel dimensions	mm	650 x 650 x 28															
Net weight	kg	26	26	27	27	59		59		59		59		59			
Outdoor unit	Model		GC(PJU)09-YK	GC(PJU)12-YK	GC(PJU)18-YK	GC(PJU)24-YK	GC(PJU)28-YK	GC(PJU)28-ZL	GC(PJU)32-ZK	GC(PJU)32-ZL	GC(PJU)36-ZK	GC(PJU)36-ZL	GC(PJU)40-ZK	GC(PJU)40-ZL	GC(PJU)50-ZL		
	Construction	Panel	STEEL														
	Surface finish		POWDER COAT														
	Compressor		ROTARY							SCROLL							
	Refrigerant control		CAPILLARY														
	Noise Level @ 1m	dB (A)	49	49	55	56	62		62		62		62		62		
	Dimensions	H	mm	540	540	540	615	790		790		790		790		1,235	
W		mm	850	850	850	900	936		936		936		936		895		
D		mm	320	320	320	350	420		420		420		420		380		
Net weight	kg	30	32	40	48	75		83		83		85		100			
Refrigerant piping	Connection method	Indoor side	FLARE														
	Outdoor side		FLARE														
	Refrigerant charge (5m)	kg	0.90	1.00	1.45	1.85	2.80	2.60	2.80	2.80	2.90	2.90	3.10	3.10	3.70		
Pipe size OD	Liquid	mm (in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)		9.52 (3/8)		9.52 (3/8)		9.52 (3/8)		9.52 (3/8)		
	Gas	mm (in)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)	15.88 (5/8)	15.88 (5/8)		19.05 (3/4)		19.05 (3/4)		19.05 (3/4)		19.05 (3/4)		

All capacities are based on: cooling: indoor 27°C DB, 19.5°C WB, outdoor 35°C DB, 24°C WB heating: indoor 20°C DB, outdoor 7°C DB, 6°C WB

09 V.1.1



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