



R22

PHG2-GC(P) SERIES

HIGH WALL SPLIT AIR CONDITIONERS



ELEGANT DESIGN WITH INTERCHANGEABLE PANELS

EXCELLENT EER AND COP FOR ALL MODELS

QUIET OPERATION

3 SPEED FAN

AUTO RESTART

REMOTE CONTROL HANDSET

INTELLIGENT DEFROST SYSTEM

HIGH EFFICIENCY LOUVERED FIN

PLASTIC OUTDOOR CASING (OPTIONAL)

PIPING KIT (OPTIONAL)

LOW AMBIENT TEMPERATURE KIT (OPTIONAL)

MEASURING PORTS ON SUCTION AND LIQUID LINE (OPTIONAL)

QUICK COUPLING (OPTIONAL)



MONO SPLIT HIGH WALL AIR CONDITIONERS

PRELIMINARY SPECIFICATIONS

PHG2-GC(P) SERIES R-22

Model	Indoor unit		PHG2-09-D(H)S	PHG2-09-D(H)S	PHG2-12-D(H)S	PHG2-12-D(H)S	PHG2-18-D(H)S	PHG2-24-D(H)S			
	Outdoor unit		GC(P)-09A-YK	GC(P)-09B-YK	GC(P)-12A-YK	GC(P)-12B-YK	GC(P)-18-YK	GC(P)-24-YK			
Nominal Cooling Capacity	btu / h		8,870	8,530	12,280	11,940	18,080	23,200			
	W		2,600	2,500	3,600	3,500	5,300	6,800			
Nominal Heating Capacity	btu / h		9,890	9,720	13,310	13,310	19,790	25,590			
	W		2,900	2,850	3,900	3,900	5,800	7,500			
EER	W/W		3.21	3.01	3.21	3.01	2.81	2.61			
COP	W/W		3.63	3.41	3.61	3.41	3.22	2.88			
Electrical insulation protection class			1								
Water proof class			IPX4								
Dehumidification			L/h		1.0	1.0	1.3	2.0	2.5		
Power Input	Cooling	W	800	830	1,120	1,160	1,880	2,600			
	Heating	W	800	830	1,080	1,140	1,800	2,600			
Running current	Cooling	A	3.6	3.7	5.0	5.2	8.4	11.7			
	Heating	A	3.6	3.7	4.8	5.1	8.1	11.7			
Start Current			A		21	21	28	35.2	51		
Power Supply			V / Ph / Hz		230V / 1 / 50						
Indoor unit	Model		PHG2-09-D(H)S	PHG2-09-D(H)S	PHG2-12-D(H)S	PHG2-12-D(H)S	PHG2-18-D(H)S	PHG2-24-D(H)S			
	Airflow	H	420		420	520	520	800	1,000		
		M	370		370	450	450	700	900		
		L	320		320	380	380	600	800		
	Noise level @ 1m	H	38		38	40	40	43	45		
		M	34		34	36	36	39	41		
		L	30		30	32	32	35	37		
	Cond. drain connection OD			mm (in)		5/8					
	Dimensions	H	mm	270				270	310		
		W	mm	790				930	1,030		
D		mm	200				200	235			
Net weight			kg		8	8	10	10	12	16	
Outdoor unit	Model		GC(P)-09A-YK	GC(P)-09B-YK	GC(P)-12A-YK	GC(P)-12B-YK	GC(P)-18-YK	GC(P)-24-YK			
	Construction	Panel	Painted Steel Sheet								
		Surface finish	Powder Coating								
	Compressor			Rotary							
	Refrigerant control			Capillary tube							
	Noise level @ 1m			dB (A)		53	53	55	55	55	56
	Dimensions	H	mm	540 / (560)*	540 / (560)*	540 / (560)*	540 / (560)*	540 / (635)*	615 / (635)*		
		W	mm	850 / (800)*	850 / (800)*	850 / (800)*	850 / (800)*	850 / (945)*	900 / (945)*		
		D	mm	320 / (345)*	320 / (345)*	320 / (345)*	320 / (345)*	320 / (345)*	350 / (345)*		
	Net weight			kg		30	30	32	32	40	46
Refrigerant piping	Connection method		Indoor side		FLARE						
			Outdoor side		FLARE						
	Refrigerant charge (5m)			kg		0.75/0.70*	0.70	0.90	0.90	1.50	1.80
	Pipe size OD	Liquid	mm (in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)		
Gas		mm (in)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)	12.70 (1/2)	12.70 (1/2)	15.90 (5/8)			

09 V.1.0

Remark: All above data is based on the EN14511 European Energy Efficiency Rating Standard

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

* Data refer to outdoor units with plastic casing



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