R-410A, 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)
- MESURING PORTS ON SUCTION AND LIQUID LINE (OPTIONAL)

QUALITY ASSURED FIRM ISO 9001

MONO SPLIT HIGH WALL AIR CONDITIONERS

STANDARD SPECIFICATIONS

PHG2-GC(P) SERIES R-410A

Model			Indoor unit	PHG2-09-R(S)S	PHG2-09-R(S)S	PHG2-12-R(S)S	PHG2-12-R(S)S	PHG2-18-R(S)S	PHG2-24-R(S)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
			Energy Class	A	B	A	B	C	D
COP			W/W	3.63	3.41	3.61	3.41	3.22	2.88
			Energy Class	A	B	A	B	C	D
Electrical insulation protection class				1					
Water proof class				IPX4					
Dehumidification			L/h	1.0	1.0	1.3	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	28	35.2	51
Power Supply			V / Ph / Hz	230 / 1 / 50					
Indoor unit	Model			PHG2-09-R(S)S	PHG2-09-R(S)S	PHG2-12-R(S)S	PHG2-12-R(S)S	PHG2-18-R(S)S	PHG2-24-R(S)S
	Airflow	H	m^3 / 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	dB (A)	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 27ºC DB, 19.5ºC WB, outdoor 35ºC DB, 24ºC WB
heating: indoor 20ºC DB, outdoor 7ºC DB, 6ºC WB

* Data refer to outdoor units with plastic casing

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