



R-410A, R22

PHF-GC(P) SERIES

HIGH WALL SPLIT AIR CONDITIONERS



ELEGANT FLAT PANEL DESIGN

EXCELLENT EER AND COP FOR ALL MODELS

QUIET OPERATION

3 SPEED FAN

AUTO RESTART

REMOTE CONTROL HANDSET

INTELLIGENT DEFROST SYSTEM

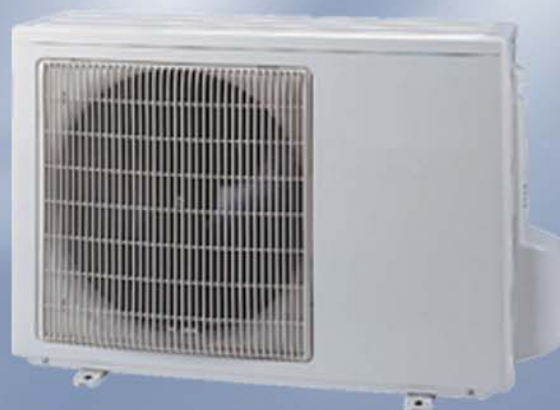
HIGH EFFICIENCY LOUVERED FIN & INNER GROOVED TUBE

PLASTIC OUTDOOR CASING (OPTIONAL)

MESURING PORTS ON SUCTION AND LIQUID LINE (OPTIONAL)

LOW AMBIENT TEMPERATURE KIT (OPTIONAL)

PIPING KIT (OPTIONAL)



MONO SPLIT HIGH WALL AIR CONDITIONERS

STANDARD SPECIFICATIONS

PHF-GC(P) SERIES R-410A

Model		Indoor unit	PHF-09-R(S)S	PHF-09-R(S)S	PHF-12-R(S)S	PHF-12-R(S)S	PHF-18-R(S)S	PHF-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		PHF-09-R(S)S	PHF-09-R(S)S	PHF-12-R(S)S	PHF-12-R(S)S	PHF-18-R(S)S	PHF-24-R(S)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	5/8						
	Dimensions	H	mm	275				275	320
		W	mm	790				930	1,035
D		mm	200				200	220	
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
		H	mm	540 / (560)*	540 / (560)*	540 / (560)*	540 / (560)*	540 / (635)*	615 / (635)*
	Dimensions	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	0.85	1.45	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 refers to outdoor units with plastic casing



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