



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

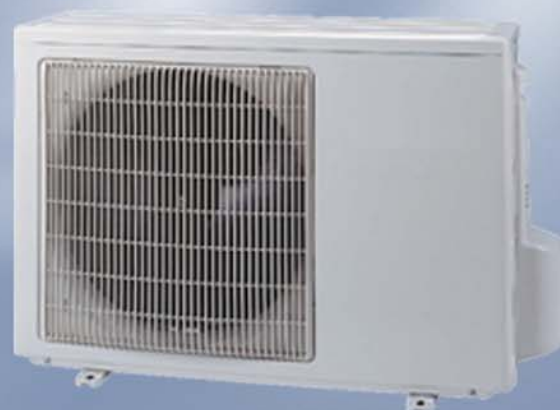
PLASTIC OUTDOOR CASING (OPTIONAL)

MEASURING PORTS ON SUCTION AND LIQUID LINE (OPTIONAL)

LOW AMBIENT TEMPERATURE KIT (OPTIONAL)

PIPING KIT (OPTIONAL)

QUICK COUPLING (OPTIONAL)



MONO SPLIT HIGH WALL AIR CONDITIONERS

STANDARD SPECIFICATIONS

PHF-GC(P) SERIES R22

Model	Indoor unit		PHF-09-D(H)S	PHF-09-D(H)S	PHF-12-D(H)S	PHF-12-D(H)S	PHF-18-D(H)S	PHF-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	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		230V / 1 / 50							
Indoor unit	Model		PHF-09-D(H)S	PHF-09-D(H)S	PHF-12-D(H)S	PHF-12-D(H)S	PHF-18-D(H)S	PHF-24-D(H)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				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 / (945)*	900 / (945)*
		D		mm		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)	9.52 (3/8)
Gas		mm (in)		9.52 (3/8)	9.52 (3/8)	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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