



R22

PHL-GC(P) SERIES

HIGH WALL SPLIT AIR CONDITIONERS



FLAT PANEL FOR SIZE 09, 12, 18 With Digital Temp. Display



FLAT PANEL FOR SIZE 24 With LED Lamp Indication



ELEGANT FLAT PANEL DESIGN

QUIET OPERATION

AUTO OPERATION (Cool-Dry-Heat)

AUTO RESTART

REMOTE CONTROL HANDSET

INTELLIGENT DEFROST SYSTEM

TIMER CONTROL

**HIGH EFFICIENCY LOUVERED FINS
AND INNER GROOVED TUBE**



MONO SPLIT HIGH WALL AIR CONDITIONERS

STANDARD SPECIFICATIONS

PHL-GC(P)L SERIES R-22

Model	Indoor unit		PHL-09-D(H)S	PHL-12-D(H)S	PHL-18-D(H)S	PHL-24-D(H)S		
	Outdoor unit		GC(P)L-09-RA	GC(P)L-12-RA	GC(P)L-18-RA	GC(P)L-24-RA		
Nominal Cooling Capacity	btu / h		8,870	11,940	17,400	22,860		
	kW		2.6	3.5	5.1	6.7		
Nominal Heating Capacity	btu / h		9,210	12,970	18,770	23,880		
	kW		2.7	3.8	5.5	7.0		
EER	kW / kW		2.86	2.72	2.70	2.45		
COP	kW / kW		3.03	2.99	2.86	2.59		
Electrical insulation protection class			1					
Water proof class(Out unit)			IPX4					
Dehumidification		L / h	1.0	1.5	2.5	3.5		
Power Input	Cooling	W	910	1,285	1,890	2,735		
	Heating	W	890	1,270	1,925	2,700		
Running Current	Cooling	A	4.20	6.03	8.77	12.66		
	Heating	A	4.10	5.90	8.85	12.50		
Start Current		A	12.6	18.1	26.3	38.0		
Power Supply		V / Ph / Hz	220 / 1 / 50					
Indoor unit	Model		PHL-09-D(H)S	PHL-12-D(H)S	PHL-18-D(H)S	PHL-24-D(H)S		
	Airflow	H	m ³ / h	400	510	650	920	
		M		350	450	590	810	
		L		300	390	540	710	
	Noise Level @ 1m		(H)	dB (A)	42	43	45	55
	Cond. Drain connection OD		mm (in)		17.0		14.6	
	Net Dimensions	H	mm	200	200	235	245	
		W	mm	750	750	785	830	
D		mm	250	250	290	305		
Net weight		kg	8	8	10	18		
Outdoor unit	Model		GC(P)L-09-RA	GC(P)L-12-RA	GC(P)L-18-RA	GC(P)L-24-RA		
	Construction	Panel	STEEL					
		Surface finish	POWDER COAT					
	Compressor		ROTARY					
	Refrigerant control		CAPILLARY					
	Noise Level @ 1m		dB (A)	52	53	56	62	
	Net Dimensions	H	mm	535	545	545	700	
		W	mm	700	845	845	895	
D		mm	300	300	300	360		
Net weight		kg	30	33	36	57		
Refrigerant piping	Connection method	Indoor side	FLARE					
		Outdoor side	FLARE					
	Refrigerant charge (5m)		kg	0.64	0.74	1.26	2.20	
	Pipe size OD	Liquid	mm (in)	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)	15.88 (5/8)		

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

09V.1.0

All capacities are based on (W):
 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



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