



R-410A

PHNI-G(P)NI SERIES

HIGH WALL DC INVERTER SPLIT



MODERN SLIM LINE DESIGN WITH DIGITAL TEMP. DISPLAY
WITH MITSUBISHI/SANYO BRAND COMPRESSOR
A/A CLASSES FOR EER/COP
QUIET OPERATION
AUTO RESTART
REMOTE CONTROL HANDSET
TIMER CONTROL
INTELLIGENT DEFROST SYSTEM



MONO SPLIT HIGH WALL DC INVERTER AIR CONDITIONERS

STANDARD SPECIFICATIONS

PHNI-G(P)NI SERIES R-410A

Model	Indoor unit		PHNI-09-R(S)S	PHNI-12-R(S)S	PHNI-18-R(S)S	PHNI-24-R(S)S	
	Outdoor unit		G(P)NI-09-YK	G(P)NI-12-YK	G(P)NI-18-YK	G(P)NI-24-YK	
Nominal Cooling Capacity	btu / h		9,000	12,000	1,810	22,200	
	kW		2.5	3.5	5.3	6.5	
Nominal Heating Capacity	btu / h		9,900	13,700	20,000	22,200	
	kW		2.8	4.0	5.9	6.5	
EER	kW / kW		3.21	3.21	3.40	3.22	
	Energy Class		A	A	A	A	
COP	kW / kW		3.61	3.61	3.61	3.61	
	Energy Class		A	A	A	A	
Electrical insulation protection class			1				
Water proof class(Out unit)			IP24				
Dehumidification		L / h	1.2	1.6	2.0	2.4	
Power Input	Cooling	W	780	1,090	1,560	2,020	
	Heating	W	760	1,108	1,620	1,800	
Running Current	Cooling	A	6.2	7.0	10.5	14.0	
	Heating	A	6.3	7.2	10.7	14.2	
Power Supply		V / Ph / Hz	220 - 240 / 1 / 50				
Indoor unit	Model		PHNI-09-R(S)S	PHNI-12-R(S)S	PHNI-18-R(S)S	PHNI-24-R(S)S	
	Airflow @ Medium speed		m ³ / h	490	55	800	750
	Noise Level @ 1m	H	dB (A)	42	42	48	48
		M		39	39	43	43
		L		36	38	40	40
	Cond. Drain connection OD		in	Φ23			
	Net Dimensions	H	mm	250	285	319	330
		W	mm	770	830	1,020	1,090
D		mm	190	189	234	208	
Net weight		kg	9	11	13	13	
Outdoor unit	Model		G(P)NI-09-YK	G(P)NI-12-YK	G(P)NI-18-YK	G(P)NI-24-YK	
	Construction	Panel	STEEL				
		Surface finish	POWDER COAT				
	Compressor		MITSUBISHI - DOUBLE ROTORY		SANYO - DOUBLE ROTORY		
	Refrigerant control		CAPILLARY				
	Noise Level @ 1m		dB (A)	53	55	56	58
	Net Dimensions	H	mm	540	540	685	840
		W	mm	848	848	848	950
D		mm	320	260	378	420	
Net weight		kg	40	40	52	68	
Refrigerant piping	Connection method		NORMAL CONNECTION				
			NORMAL CONNECTION				
	Refrigerant charge (5m)		kg	0.78	1.17	1.60	2.40
	Pipe size OD	Liquid	mm (in)	Φ6(1/4')	Φ6(1/4')	Φ6(1/4')	Φ9.52(3/8')
Gas		mm (in)	Φ9.52(3/8')	Φ12(1/2')	Φ12(1/2')	Φ16(5/8')	

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

09 V.1.0

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



Sonkor International Limited

Head Office

Office 6, 9/F, Block A, New Trade Plaza, 6 On Ping Street, Shatin, N.T., Hong Kong

Tel : +852 26488887 Fax: +852 26366608 E-mail : sonkor@sonkor.com

WEBSITE: www.sonkor.com

Branch Office, Spain

AV. Juan Pablo II Nº25 2 4L, 30008-Murcia, Spain

Tel: +34 968270885 Fax: +34 968249520

E-mail : felipe@sonkor.com

Branch Office, China

Jinxiu 19-305, Lucheng, Wenzhou, China

Tel: +86 577 88311691 Fax: +86 577 88311691

E-mail: margaret@sonkor.com