



HWC 009/012
High Wall



Classic series



SABS



NOM-ANCE



unionaire[®]
The coolest solution

COOLAIR
INTERNATIONAL, INC.

HWC 009/012
High Wall



Outdoor unit (Metal)



Outdoor unit (Metal)



Outdoor unit (Plastic)

Indoor Unit Features

- Very elegant design to suit any décor
- Energy saving with low-power consumption
- Ultra quiet operation
- Attractive LCD wireless remote controller with high transmission ability
- Advanced technology PC-board for full control
- "DRY" mode reduces water vapor by computerized dehumidification
- "SLEEP" mode provides suitable sleeping environment with energy savings
- 24-Hour programmable timer controls the unit's operation
- Automatic & manual selection of outlet air direction
- Automatic selection of three-stage indoor fan speed
- Electronic system provides 3-minute anti-short cycle protection for compressor, which guarantees total system integrity
- "Hydrophilic" blue coated fins in the evaporator
- Self-diagnosis function
- Efficient, easily removable and cleanable air filters

Outdoor Unit Features

- Fast installation and easy maintenance
- Modern cabinet design to suit the building décor
- Low-noise, high-efficiency compressor
- Advanced design allows the use of "Flare" connection systems for more flexibility in installation
- Available with Heavy-gauge galvanized steel with weather resistance electrostatic powder paint or Heavy plastic with weather resistance under request.
- "Inner-grooved" pipes and "Slit" fins increase the heat exchange rate and decrease power consumption
- Operates in high outdoor temperatures
- Operates in low outdoor temperatures (heat pump only)
- Optional accessories available upon request
- Low ambient control kit
- Low-pressure protection switch
- High-pressure protection switch

Technical Specifications

		HWC 009	HWC 012	HWC 009	HWC 012
Indoor Unit		ORHC 009	ORHC 012	ORHC 009	ORHC 012
Nominal System Cooling Capacity	kW-Btu/hr	2.78 -9500	3.52 - 12000	2.78 - 9500	3.52 - 12000
Nominal System Heating Capacity	kW-Btu/hr	2.78 -9500	3.60 - 12300	2.78 -9500	3.6 - 12300
Cooling Power Consumption	W	1055	1340	1180	1330
Heating Power Consumption	W	1021	1140	1075	1290
EER:					
Cooling	Btu/hr.W	9.00	8.96	8.05	9.02
Heating	Btu/hr.W	9.30	10.79	8.84	9.53
Power Supply	V/Ph/Hz	110-115/1/60		208-230/1/60	
Air Flow Rate(at high speed & dry coil)	m ³ /hr	611			
	CFM	360			
Dimensions – Indoor Unit (WxHxD)	Inch	35.0 x 11.6 x 6.7			
Dimensions – Outdoor Unit (WxHxD)	Metal (Inch)	23.4 x 19.48 x 13.1			
	Plastic (Inch)	23.8 x 19.1 x 11.4			
Net Weight – Indoor Unit	Lbs/kg	24.7 / 11.2			
Net Weight – Outdoor Unit	Metal lbs/kg	70.5 / 32		74.9 / 34	
	Plastic lbs/kg	61.7 / 28		66.14 / 30	
Refrigerant Type		R22			
Noise Level	db	33	36	33	36
Max Fuse Size	A	16	20	10	16
Piping Connection	Liquid	1/4"			
	Gas	3/8"		1/2"	
	Drain	1/2"			

At Nominal rating conditions

- Cooling 95°F(35°C) DBT / 75.2°F(24°C) WB Outdoor Condition / 80.6°F(27°C) DBT 67°F(19.5°C) indoor WB
- Heating 44.6°F(7°C) Outdoor DBT & 80% relative humidity / 68°F(20°C) indoor DBT.
- Test volt: 110 at 60 Hz, 230 at 60 Hz

Specifications are subject to change without prior notice.



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The Coolest Solution