

COOLAIR 
INTERNATIONAL, INC.

**PRODUCTS, PARTS
AND SERVICE**



AmericAire



High Wall Heat Pump

ACE09HP110I / ACE12HP110I

110V

ACE18HP220I / ACE24HP220I

220V

18 SEER

R410A

INVERTER

Technical Specifications



Multi-Fold Evaporator
Enlarge the expel area and enhance the efficiency while reducing size.



Hydrophilic Aluminum Foil
Blue-colored aluminum foil in indoor unit prevents water contamination.



Saw-Teeth Fan Wheel Design
Saw-teeth shape blades greatly reduces operational noise/vibration.



Three Dimensional Swing Delivery
Multi-dimensional air flow helps reach every corner of the room.



Sleep Mode Operation
Room adjusts temperature to fit the human body automatically.



Independent De-Humidifying
Lowers water vapor in the room without affecting the cooling process.



On/Off Timer
Setting the on/off timer to the end users needs.



Intelligent LED Operation
LED display indicates the operation and function of the unit.

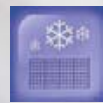


Intelligent Defrosting
Defrosting fully controlled by micro-processor to ensure effective heating.



Extra Quiet Operation
Unique low-noise design makes these systems the quietest in the market.

Function	Highwall	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Indoor Unit Model		ACE09HP110I	ACE12HP110I	ACE18HP220I	ACE24HP220I
Cooling/Heating Capacity	Btu.	9,000	12,000	18,000	24,000
Average Cooling Capacity	Feet	450	600	900	1,200
Power Supply	Volt	110	110	220	220
Power	Hertz	60			
Efficiency	SEER	18.0	18.0	17.2	15.7
Air Flow Rate	CFM	350	400	625	725
Moisture Removal	Pt/h	1.7	2.8	2.0	2.8
Noise Level	Decibel	44	44	44	44
Auto Restart		Yes			
Maximum Current	Amp	10.6	12.3	9.8	14.0
Heating Power Input	Watts	771	1,188	1,676	2,315
Dimensions- Indoor Unit	WxHxD In.	33.4 x 13.4 x 9.8	38.4 x 14.3 x 11.0	45.8 x 15.2 x 12.0	52.0 x 15.6 x 12.0
Net Weight- Indoor Unit	Lbs.	22	31	40	44
Outdoor Unit Model		ACC09HP110I	ACC12HP110I	ACC18HP220I	ACC24HP220I
Compressor	Type	Inverter			
Refrigerant	Type	R410A			
Defrosting Method		Auto			
Inverter Range	Watt	1,700 – 3,800	1,700 – 4,200	2,000 – 6,500	3,600 – 8,100
Piping Connection	Liquid	1/4"	1/4"	3/8"	3/8"
	Suction	1/2"	1/2"	5/8"	5/8"
	Drain	1/2"	1/2"	1/2"	1/2"
Dimensions- Outdoor Unit	WxHxD In.	35.6 x 22.6 x 12.7	38.6 x 26.0 x 15.7	38.2 x 29.9 x 15.6	40.2 x 34.1 x 17.1
Net Weight- Outdoor Unit	Lbs.	79	99	106	121
Factory R410A Charge	Feet	25	25	25	25
Max Installation Distance	Feet	33	33	50	50
Max Height Distance	Feet	17			
14 Gauge Field Wiring	Feet	24			
Compressor Warranty	Year(s)	5			
Circuit Board Warranty	Year(s)	3			
Parts Warranty	Year(s)	1			



Cold Catalyst Filter Technology

Cold Catalyst Filters have the ability of sterilization and removing odors. It will effectively remove odd odors such as methyl hydrosulfate, ethyl mercaptan, etc. This filter has the benefit of recycled use. Cold Catalyst systems help reduce colds at change of season, asthma and coughs, skin irritation and frequent headaches and tired symptoms with better air quality.