

**COOLAIR**   
INTERNATIONAL, INC.

**PRODUCTS, PARTS  
AND SERVICE**



**AmericAire**



# High Wall

## Cool Only

ACE09CO110 / ACE12CO110

**110V**

ACE18CO220 / ACE24CO220

**220V**

**13 SEER**

**R410A**

## 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.



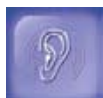
**On/Off Timer**  
Setting the on/off timer to the end users needs.



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

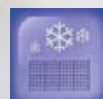


**Intelligent Defrosting**  
Defrosting fully controlled by micro-processor to ensure effective heating.



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

Function	Highwall	COOL ONLY	COOL ONLY	COOL ONLY	COOL ONLY
<b>Indoor Unit Model</b>		ACE09CO110	ACE12CO110	ACE18CO220	ACE24CO220
<b>Cooling Capacity</b>	Btu.	9,000	12,000	18,000	24,000
<b>Average Cooling Capacity</b>	Feet	450	600	900	1,200
<b>Power Supply</b>	Volt	110	110	220	220
<b>Power</b>	Hertz	60	60	60	60
<b>Efficiency</b>	SEER	13.0	13.0	13.0	13.0
<b>Air Flow Rate</b>	CFM	350	400	625	725
<b>Moisture Removal</b>	Pt/h	1.7	2.8	2.0	2.8
<b>Noise Level</b>	Decibel	32	32	45	45
<b>Auto Restart</b>		Yes	Yes	Yes	Yes
<b>Breaker Size</b>	Amp	15	20	15	15
<b>Cooling Power Input</b>	Watts	770	1,010	1,480	1,930
<b>Dimensions- Indoor Unit</b>	WxHxD In.	31.1 x 10.6 x 7.1	31.1 x 10.6 x 7.1	45.5 x 12.8 x 8.9	48.6 x 12.8 x 8.9
<b>Net Weight- Indoor Unit</b>	Lbs.	20	22	40	44
<b>Outdoor Unit Model</b>		ACC09CO110	ACC12CO110	ACC18CO110	ACC24CO220
<b>Compressor</b>	Type	Rotary	Rotary	Rotary	Rotary
<b>Refrigerant</b>	Type	R410A	R410A	R410A	R410A
<b>Defrosting Method</b>		Auto	Auto	Auto	Auto
<b>Compressor Power Input</b>	Watt	810	1,085	1,510	1,650
<b>Piping Connection</b>	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"
<b>Dimensions- Outdoor Unit</b>	WxHxD In.	32.0 x 21.0 x 10.0	33.5 x 23.8 x 11.6	35.4 x 33.0 x 13.0	35.4 x 33.0 x 13.0
<b>Net Weight- Outdoor Unit</b>	Lbs.	73	86	143	143
<b>Factory R410A Charge</b>	Feet	25	25	25	25
<b>Max Installation Distance</b>	Feet	33	33	50	50
<b>Max Height Distance</b>	Feet	17	17	17	17
<b>14 Gauge Field Wiring</b>	Feet	24	24	24	24
<b>Compressor Warranty</b>	Year(s)	5	5	5	5
<b>Circuit Board Warranty</b>	Year(s)	3	3	3	3
<b>Parts Warranty</b>	Year(s)	1	1	1	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.