

COOLAIR 
INTERNATIONAL, INC.

**PRODUCTS, PARTS
AND SERVICE**



AmericAire



PTAC

Electric Heat

ACPTAC09HP3E220

ACPTAC12C05E220

ACPTAC12HP3E220

ACPTAC15HP3E220

220V

10 SEER

R22

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.



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.



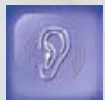
Auxiliary Electric Heat
Provides electric heat with heat pump or cool only units in the winter.



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	PTAC	HEAT PUMP	COOL ONLY	HEAT PUMP	HEAT PUMP
Function		ELECTRIC HEAT	ELECTRIC HEAT	ELECTRIC HEAT	ELECTRIC HEAT
Indoor Unit Model		ACPTAC09HP3E220	ACPTAC12CO5E220	ACPTAC12HP3E220	ACPTAC15HP3E220
Cooling/Heating Capacity	Btu.	9,600	12,000	12,000	15,000
Electric Heating	Watt	3,000	5,000	3,000	3,000
Average Cooling Capacity	Feet	450	600	600	750
Power Supply	Volt	220			
Power	Hertz	60	60	60	60
Efficiency	SEER	13.0	13.0	13.0	13.0
EER	Btu/W	10.8	10.4	10.4	9.0
COP	Btu/W	11.0	N/A	10.6	8.4
Air Flow Rate	CFM	320	400	400	400
Power Input	Watt	880	1,130	1,140	1,700
Rated Current	Amp	3.9	5.0	5.0	7.39
Full Load Current	Amp	17.4	22.8	18.61	20.96
Moisture Removal	Pt/h	0.9	1.3	1.35	2.15
Noise Level	Decibel	45	45	45	45
Auto Restart		Yes	Yes	Yes	Yes
Breaker Size	Amp	20	20	30	30
Dimensions- Indoor Unit	WxHxD In.	45.27 x 24.21 x 19.69			
Net Weight- Indoor Unit	Lbs.	20	22	40	44
Compressor	Type	Rotary			
Refrigerant	Type	R22			
Defrosting Method		Auto			
Compressor Warranty	Year(s)	5	5	5	5
Circuit Board Warranty	Year(s)	3	3	3	3
Parts Warranty	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.