

PTAC PRODUCT SPECIFICATIONS 12000 BTU - 208/230V

Job Name:	
Purchaser:	
Submitted To:	
Submitted By:	
System Designation:	
Location:	

Date:	
Reference: <input type="checkbox"/>	
Approval: <input type="checkbox"/>	
Construction: <input type="checkbox"/>	
Schedule No:	
Engineer:	
Notes:	

Electric Heater			3500W	3500W	5000W	5000W
Perfect Aire Model Number			1PTH12A-3.5	1PTC12A-3.5	1PTH12A-5.0	1PTC12A-5.0
Power supply		Ph-V-Hz	230/208V~,60Hz, 1Ph	230/208V~ 60Hz, 1Ph	230/208V~,60Hz, 1Ph	230/208V~ 60Hz, 1Ph
Cooling	Capacity	Btu/h	12000/11800	12000/11800	12000/11800	12000/11800
	Input	W	1142/1124	1121/1102	1142/1124	1121/1102
	Current	A	4.97/5.4	4.88/5.30	4.97/5.4	4.88/5.30
	EER	Btu/h/W	10.5	10.7	10.5	10.7
Heating (Heat pump)	Capacity	Btu/h	10800/10500	N/A	10800/10500	N/A
	Input		990/963	N/A	990/963	N/A
	Current	A	4.3/4.63	N/A	4.3/4.63	N/A
	COP	W/W	3.20	N/A	3.20	N/A
Heating(PTC)	Capacity	Btu/h	10900/8900	10900/8900	15000/12200	15000/12200
	Input	W	3519/2850	3519/2850	4769/3953	4769/3953
	Current	A	15.3/13.7	15.30/13.70	22/19.7	22/19.7
Moisture Removal		Pts/hr	2.5	2.5	2.5	2.5
Rated input consumption		W	3675	3675	3675	3675
Rated current		A	16	16	16	16
Starting current		A	25.9	25.9	25.9	25.9
Min. Circuit Ampacity	MCA	A	20	20	28	28
Indoor side air flow (Hi/Mi/Lo)		m3/h	740/720/700	690/670/650	740/720/700	690/670/650
Indoor side noise level (Hi/Mi/Lo)		dB(A)	53/50/45	52/49/46	53/50/45	52/49/46
		CFM	435/423/411	405/394/382	435/423/411	405/394/382
Ventilated Air, CFM (Fan Only)		CFM	65*	65*	65*	65*
Outdoor side noise level (Hi)		dB(A)	66	66	66	66
Refrigerant type		kg	R410A/31.39ozs	R410A/27.51ozs	R410A/31.39ozs	R410A/27.51ozs
Design pressure		PSIG	540/300	540/300	540/300	540/300
Plug type			12#x3 / LCDI 6-20P	12#x3 / LCDI 6-20P	12#x3 / LCDI 6-30P	12#x3 / LCDI 6-30P
Control type			Electronic Control	Electronic Control	Electronic Control	Electronic Control
Operation temp	Indoor (cooling/heating)	°F	62.6°F ~ 89.6°F / 32°F ~ 80.6°F	62.6°F ~ 89.6°F / 32°F ~ 80.6°F	62.6°F ~ 89.6°F / 32°F ~ 80.6°F	62.6°F ~ 89.6°F / 32°F ~ 80.6°F
	Outdoor (cooling/heating)	°F	64.4°F ~ 109.4°F / 23°F ~ 75.2°F	64.4°F ~ 109.4°F / 23°F ~ 75.2°F	64.4°F ~ 109.4°F / 23°F ~ 75.2°F	64.4°F ~ 109.4°F / 23°F ~ 75.2°F
Application area		Sq. Feet	450-500	450-550	450-500	450-550
Dimension (W*D*H)		in	42x21x16	42x21x16	42x21x16	42x21x16
Packing (W*D*H)		in	45x25.4x19.3	45x25.4x19.3	45x25.4x18.7	45x25.4x18.7
Net/Gross weight		lb	117.9/143.3	115.7/141.1	117.9/143.3	115.7/141.1

*Actual vent CFM performance will vary due to application and installation conditions.

