

PTAC PRODUCT SPECIFICATIONS 12000 BTU - 265V

Job Name:	Date:
Purchaser:	Reference: <input type="checkbox"/>
Submitted To:	Approval: <input type="checkbox"/>
Submitted By:	Construction: <input type="checkbox"/>
System Designation:	Schedule No.:
Location:	Engineer:
	Notes:

Electric Heater			3500W	3500W	5000W	5000W
Perfect Aire Model Number			1PTH12B-3.5	1PTC12B-3.5	1PTH12B-5.0	1PTC12B-5.0
Power supply		Ph-V-Hz	265V~60HZ,1PH	265V~60HZ,1PH	265V~60HZ,1PH	265V~60HZ,1PH
Cooling	Capacity	Btu/h	12000	12000	12000	12000
	Input	W	1142	1120	1142	1120
	Current	A	4.31	4.23	4.31	4.23
	EER	Btu/h/W	10.5	10.7	10.5	10.7
Heating (Heat pump)	Capacity	Btu/h	10800	N/A	10800	N/A
	Input	W	989	N/A	989	N/A
	Current	A	4.3	N/A	4.3	N/A
	COP	W/W	3.2	N/A	3.2	N/A
Heating(PTC)	Capacity	Btu/h	10900	10900	15000	15000
	Input	W	3519	3519	4769	4769
	Current	A	14	14	19	19
	Current	A	13.1	13.1	18.6	18.6
	Current	A	13.46	13.46	19.25	19.25
Moisture Removal		Pts/Hr	2.5	2.5	2.5	2.5
Rated input consumption		W	1400	1400	1400	1400
Rated current		A	5.8	5.8	5.8	5.8
Starting current		A	22	22	22	22
Min. Circuit Ampacity	MCA	A	18 / 30	18 / 30	24 / 30	24 / 30
Indoor side air flow (Hi/Mi/Lo)		m3/h	590/550/510	590/550/510	590/550/510	590/550/510
		CFM	347/323/300	347/323/300	347/323/300	347/323/300
Ventilated Air, CFM (Fan Only)		CFM	65*	65*	65*	65*
Indoor side noise level (Hi/Mi/Lo)		dB(A)	54/48/46	53/48/44	54/48/46	53/48/44
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			14#x3 / 7-20P	14#x3 / 7-20P	12#x3 / 7-30P	12#x3 / 7-30P
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	450-550	450-550	450-550	450-550
Dimension(W*D*H)		in	42x21x16	42x21x16	42x21x16	42x21x16
Packing (W*D*H)		in	45x25.4x19.3	45x25.4x19.3	45x25.4x19.3	45x25.4x19.3
Net/Gross weight			117.7/143	115.5/140.8	117.7/143	115.5/140.8

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

