

# ENVIROair

## 16" x 42" Packaged Terminal Air Conditioning & Heat Pumps

Cooling Range & Heating Range: 9,000-15,000 Btu/h • 3.5 kW, 5 kW Electric Heat

The Enviroair line of PTACs and PTHPs are designed to fit an industry standard 16" x 42" wall sleeve and are ideal for both new construction and replacement applications in:

Hotels / Apartments



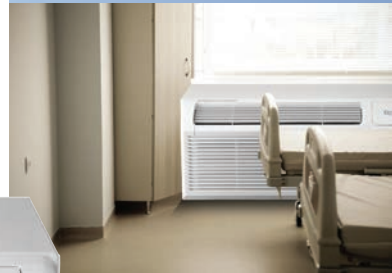
Offices / Conference Rooms



Classrooms / Dorms



Healthcare Facilities



### High Efficiency

Cooling models offer up to 11.3 EER; Heat Pump models up to 3.4 COP – reducing operating costs.

### User-Friendly Features

Memory: If power is lost all control settings remain. The unit will start up in the same mode/configuration it shut down in.

Automatic Quick Warm-Up (Heat Pump Models Only)

Fresh Air Setting: Allows outside air in to keep the indoor environment fresh and healthy.

Easy-To-Use LED Indicators & Buttons

Front Office Control Function Standard on All Units

### Thoughtful Engineering

Special Energy Function: Available on Cool, Dry, Auto-Cooling and Auto-Fan modes. The fan continues to run after the compressor shuts off keeping the room cool longer. The compressor works less for reduced operating costs and added longevity.

Compressor Re-Start Delay: Prevents short-cycling and extends the life of the compressor. When the compressor restarts, the unit is designed to delay 3 minutes to equalize refrigerant pressures for optimal cycling.

Automatic Evaporator Freeze Protection

High Temperature Protection in Heating Operation



### Controls:

Unit Mounted (Standard)  
Wired Remote Thermostat (Optional)

### Warranty:

Standard 1-year parts, 5-year compressor warranty

### Available Accessories:

Wall Sleeve & Condensate Kit  
Wired Remote Thermostat  
Standard Stamped Aluminum Rear Grille  
Extruded Architectural Grille

**Enviroair 16" x 42" Packaged Terminal Air Conditioning & Heat Pump Units (230/208 Vac, 60 Hz, 1 ph, 3.5/5 kW Electric Heat)**

Models		PTAC 1642-09H-3	PTAC 1642-09C-3	PTAC 1642-12H-3	PTAC 1642-12C-3	PTAC 1642-15H-3	PTAC 1642-15C-3	PTAC 1642-12H-5	PTAC 1642-12C-5	PTAC 1642-15H-5	PTAC 1642-15C-5	
<b>Cooling</b>	Supply Voltage	230/208V	230/208V	230/208V	230/208V	230/208V	230/208V	230/208V	230/208V	230/208V	230/208V	
	Btu/h	9000/8800	9200/9000	12000/11800	12000/11800	14700/14500	14700/14500	12000/11800	12000/11800	14700/14500	14700/14500	
	Watts	796/778	814/796	1142/1124	1121/1102	1531/1510	1547/1526	1142/1124	1121/1102	1531/1510	1547/1526	
	Amps	3.46/3.75	3.54/3.83	4.97/5.4	4.88/5.30	6.66/7.26	6.73/7.34	4.97/5.4	4.88/5.30	6.66/7.26	6.73/7.34	
	EER	11.3	11.3	10.5	10.7	9.6	9.5	10.5	10.7	9.6	9.5	
<b>Heating (Heat Pump)</b>	Btu/h	8100/7900	N/A	10800/10500	N/A	13500/13200	N/A	10800/10500	N/A	13500/13200	N/A	
	Watts	716/699	N/A	990/963	N/A	1323/1294	N/A	990/963	N/A	1323/1294	N/A	
	Amps	3.04/3.28	N/A	4.3/4.63	N/A	5.74/6.2	N/A	4.3/4.63	N/A	5.74/6.2	N/A	
	COP	3.4	N/A	3.2	N/A	3.0	N/A	3.2	N/A	3	N/A	
<b>Heating (Electric Heat)</b>	Btu/h	10900/8900	10900/8900	10900/8900	10900/8900	10900/8900	10900/8900	15000/12200	15000/12200	15000/12200	15000/12200	
	Watts	3519/2850	3519/2850	3519/2850	3519/2850	3519/2850	3519/2850	4769/3953	4769/3953	4769/3953	4769/3953	
	Amps	15.3/13.7	15.30/13.70	15.3/13.7	15.30/13.70	15.3/13.7	15.30/13.70	22/19.7	22/19.7	22/19.7	22/19.7	
<b>Indoor Fan Motor</b>	Speed	1110/1070/1040	1110/1070/1040	1110/1070/1040	1110/1070/1040	1110/1070/1040	1110/1070/1040	1110/1070/1040	1110/1070/1040	1110/1070/1040	1110/1070/1040	
	Noise Level dB(A)	50/48/46	50/48/46	53/50/45	52/49/46	53/50/45	53/50/45	53/50/45	52/49/46	53/50/45	53/50/45	
	Air Flow CFM (Hi/Med/Lo)	435/417/394	435/417/394	435/423/411	405/394/382	423/405/394	388/376/364	440/420/410	410/400/380	420/410/400	390/380/360	
	Amps	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	
<b>Outdoor Fan Motor</b>	Noise Level dB(A)	61	63	66	66	66	66	66	66	66	66	
	Amps	0.30	0.30	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	
<b>Operating Temp. Range (°F)</b>	Indoor (Cooling/Heating)	62-90/32-80	62-90/32-80	62-90/32-80	62-90/32-80	62-90/32-80	62-90/32-80	62-90/32-80	62-90/32-80	62-90/32-80	62-90/32-80	
	Outdoor (Cooling/Heating)	64-109/23-76	64-109/23-76	64-109/23-76	64-109/23-76	64-109/23-76	64-109/23-76	64-109/23-76	64-109/23-76	64-109/23-76	64-109/23-76	
<b>Electrical</b>	MCA, MOCP	Min. Circuit Ampacity 20 Amps, Max. Over-Current Protection 20 Amps						Min. Circuit Ampacity 28 Amps, Max. Over-Current Protection 30 Amps				
<b>Net/Ship Weight</b>	Lbs.	106.9/132.3	104.7/130.1	117.9/143.3	115.7/141.1	120/145.5	117.9/143.3	117.9/143.3	115.7/141.1	120/145.5	117.9/143.3	