

# AHSC-14

## PORTABLE HEAT PUMP

### Cooling and heating in one system!

AIRREX has designed portable heat pumps that can be utilized all year round applications. AIRREX Portable heat pump has the ability to be switched from cooling to heating mode.

In cooling mode a heat pump works the same as an ordinary air conditioner(A/C).

In heating mode the unit absorbs the heat from the refrigeration cycle and converts it into warm air(HEATER).

1 year warranty and 3 years on compressor.



### Portable Heat pump System



#### Louver type

You can change wind direction up, down, right, or left.



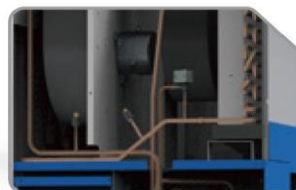
#### Digital Controls

- Temperature Range: 64°F to 86°F
- High/Low Fan Speed
- Easy Cool and Heat changeable
- Programmable
- Timer



#### Condensed Water Tank LCDI Protection

- 5 Gallon Tank (Auto Shut Off)
- LCDI Recessed Power Cords
- Standard 115 volts Power



#### 4-Way Reversing Valve

Core valve for hot and cool operating system

# AHSC-14 Specifications



Items	Unit	AHSC-14
Cooling & Heating capacity	Btu/h	13,600 (COOL) / 15,000 (HEAT)
Power Supply	-	115Vac 60Hz 1Ph
Size (WXDXH)	inch	19.3 X 23.6 X 49.8
Weight	lb	178
Current Consumption	A	11.8 (COOL) / 11.9 (HEAT)
Circuit Breaker Size	A	20
Rated Power Consumption	kW	1.36 (COOL) / 1.37 (HEAT)
Compressor Input	kW	1.1
Air Flow (High/Low)Evaporator	CFM	440 / 360
Air Flow Condenser	CFM	920
Motor Input	kW	0.16
Air Filter	-	Aluminum Filter
Nema Plug	-	5 - 15
Safety Device		<ul style="list-style-type: none"> <li>• High/Low Pressure Switch</li> <li>• Automatic Full Tank Shut-Off</li> <li>• Tank Position Detector</li> <li>• Fan Motor Protection</li> <li>• Thermostat Protector for Compressor</li> <li>• 3 min Delay Timer</li> </ul>
Power Cord	type	Plug Type (LCDI)
Power Cord Length	ft	9.8
Refrigerant	lb	R-410A / 1.87
Operating Conditions	-	65°F DB 60%RH~113°F DB 40%RH (COOL) / 50°F DB 70%RH~81°F DB 50%RH (HEAT)
Maximum Duct Length	ft	30
Static Pressure	psi	0.042
Outlet Air Velocity	ft/sec	38~33
Outlet Temp. Difference	°F	50(COOL) / 66(HEAT)
Condensate pump	-	Optional
Dehumidification in gallon per day	-	18.4(gal/day) / 90°F 80% (MAX.) ~ 12.7(gal/day) / 81°F 60% (AHAM)
Decibel	db	60.4

※ Designs and specifications of products are subject to change without prior notice for the improvements. The colors of products may be different due to the printing process.

## Ideal Applications for AIRREX PORTABLE HEAT PUMP



- Industrial Sites** High temperature work sites, car manufacturing plants, ship building yards and steel mills
- Repair Shops** Car repair shops, aircraft workshops, farm machinery workshops, gas stations & parking facilities
- Heat Generating Equipment** Server rooms and machine rooms
- Leisure / Outdoor Event Venues, Farm, & Livestock Ranges**