

AHSC-12

PORTABLE HEAT PUMP SYSTEM



Air conditioning and heating in one system !

AIRREX has designed portable heat pumps that can be utilized in year round applications. Portable heat pumps by AIRREX have 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(HEAT).

Portable Heatpump System



Louver Grille

You can change wind direction up, down.



Digital Controls

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



Condensed water Tank LCDI Protection

4 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-12 Specifications

Items	Unit	AHSC-12
Cooling & Heating capacity	BTU/h	12,000 (COLD) / 13,200 (HEAT)
Power Supply	Volts	115Vac 60Hz 1Ph
Size (WDXH)	inch.	16.5 X 24.4 X 42.2
Weight	lbs	148
Current Consumption (AMPS)	A	11 (COLD) / 10.4 (HEAT)
Circuit Breaker Size (AMPS)	A	15
Rated Power Consumption (Cooling)	kW	1.21 (COLD) / 1.14 (HEAT)
Compressor Input	kW	1.0
Air Flow (CMP,High/Low)Evaporator	CFM	272 / 230
Air Flow(CMP,High/Low)Condenser	CFM	540
Motor Input	kW	0.16
Air Filter	-	Aluminum Filter
Nema Plug	-	5 - 15
Safety Device		<ul style="list-style-type: none"> • High/Low Pressure Switch • Automatic Full Tank Shut-Off • Tank Position Detector • Fan Motor Protection • Thermostat Protector for Compressor • 3min, Delay Timer
Power Cord	type	PLUG TYPE
Power Cord Length	ft	9.8
Refrigerant	lbs	R-410A (1.87)
Operating Conditions	°F	65°F DB 60%RH~113°F DB 40%RH (COLD) / 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	37~33
Outlet Temp. Difference	°F	50~59
Condensate pump	-	Optional
Dehumidification in gallon per day	-	16.5(gal/day) / 89.6°F 80% (MAX.) ~ 11.5(gal/day) / 80.6°F 60% (AHAM)

※ 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 Air Conditioner



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

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