AIRREX PORTABLE HEAT PUMP SYSTEM

AHSC-18R

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.

Strong Points

- Quiet
- Thermostats
- Intensive Air Conditioning
- Movable & Lockable
- Energy saving
- Automatic
- Time Setting
- Certification

Portable Heat pump System

Cooling and heating in one system!

Louver type

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

Mobility

(4) 4" Swivel Casters
(2) Locking Casters

Condensate Tank

5 Gallon Tank Auto Shut off

4-Way Reversing Valve

Core valve for hot and cool operating system

Applications

Indoor or Outdoor
Cooling Drying

LCDI Protection

LCDI Recessed Power Cords
Standard 115 Volt Power
ETL Certified

Digital Controls

Temperature Range: Cool: 61°F to 86°F
Heat: 68°F to 99°F
High/Low Fan Speed, Programmable / Timer
Easy Cool and Heat changeable

PORTABLE CLIMATE SOLUTIONS BY AIRREX

US Electrical Standards (ETL)

CE Mark

TEMP-AIR EQUIPMENT SALES
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AHSC-18R Specifications

US Electrical Standards (ETL)

CE Mark

SPECIFICATIONS				Heat Pump AHSC-18R
Capacity Rating Condition	Cooling	(35℃/95℉ 40%)	Btu/h	16,800 Btu/h
	Heating	(21℃/70℉ 50%)	Btu/h	16,800 Btu/h
	Dehu	Max. (32℃/89℉ 80%)	gal/day	28
		Nominal (27℃/80℉ 60%)	gal/day	18
Electrical Characteristics	Voltage	60 Hz	Volts	1 Phase, 115 V~
	Power Consumption	Cooling	kW	1.65
		Heating	kW	1.46
	Current	Cooling	A	15.3
		Heating	A	13.6
	Fuse Size		A	20
	Min. - Max. Voltage		V	98 - 127 V~
Power Cord	NEMA Plug		-	5 - 20
	Gauge		-	12 AWG (3-core)
	Length		ft	10
Fans	Indoor	Fan Type	-	Centrifugal
		Cooling Air Volume (High/Low)	CFM	520 / 440
		Heating Air Volume	CFM	420
		Dehu Air Volume	CFM	460
		Max. External Static Pressure	inchH20	0.3
		Max. Equivalent Duct Length	ft	30
		Type / Size	inch	Louver

Fans	Outdoor	Fan Type	-	Centrifugal
		Air Volume (High/Low)	CFM	870 / 810
		Max. External Static Pressure	inchH20	0.25
		Max. Equivalent Duct Length	ft	60
		Type / Size	inch	Top Flange / 12" (Ø300)
Sound Level	With Exhaust Duct	High / Low	dB(A)	59 / 57
	Without Exhaust Duct	High / Low	dB(A)	61 / 58
Air Filter	Type	Indoor	-	Alu+SUS mesh
		Outdoor	-	Alu+SUS mesh
Condensate	Tank	Capacity	gal	5
	Auto Pump		-	Optional
Refrigerant	Type		-	R-454B
Weight	Net Weight		lbs	178
Dimensions	W x D x H		inch	22 x 25 x 49
Operating Conditions	Min. - Max.	Cooling	℉	59~118 (15~48℃)
		Heating	℉	46~81 (8~27℃)
		Dehumidification	℉	55~115 (13~46℃)
Safety Device	High Pressure Switch			○
	Low Pressure Switch			○
	Compressor 3min, Delay Timer			○
	Thermostat Protector for Compressor			○
	Fan Mortor Protection			○
	Automatic Full Tank Shut-Off			○
	Tank Position Dectector			○

※ 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.

Hepa filter optional kit

Optional Filter kit ((A)HSC-14R/18R/24R)

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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