



AHSC-18P

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!



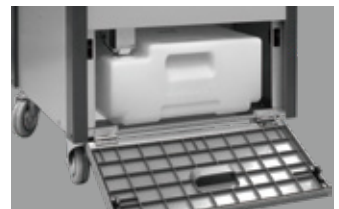
Louver type

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



Mobility

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



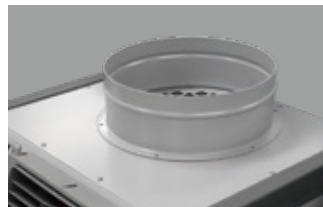
Condensate Tank

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

AHSC-18P Specifications



SPECIFICATIONS				Heat Pump	
				AHSC-18P	
Capacity Rating Condition	Cooling	(35°C/95°F 40%)	Btu/h	16,800 Btu/h	
	Heating	(21°C/70°F 50%)	Btu/h	16,800 Btu/h	
	Dehu	Max. (32°C/89°F 80%)	gal/day	30	
		Nominal (27°C/80°F 60%)	gal/day	18	
Electrical Characteristics	Voltage	60 Hz	Volts	1 Phase, 115 V~	
	Power Consumption	Cooling	kW	1.72	
		Heating	kW	1.61	
	Current	Cooling	A	15.8	
		Heating	A	14.6	
	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	inchH2O	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	inchH2O	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	
	Type	Outdoor	-	Alu+SUS mesh	
Condensate	Tank	Capacity	gal	5	
	Auto Pump		-	Optional	
Refrigerant	Type		-	R-410A	
Weight	Net Weight		lbs	178	
Dimensions	W x D x H		inch	22 x 25 x 49	
Operating Conditions	Min. - Max.	Cooling	°F	61~115 (16~46°C)	
		Heating	°F	46~81 (8~27°C)	
		Dehumidification	°F	55~115 (13~46°C)	
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-14P/18P/24P)



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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