



# 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



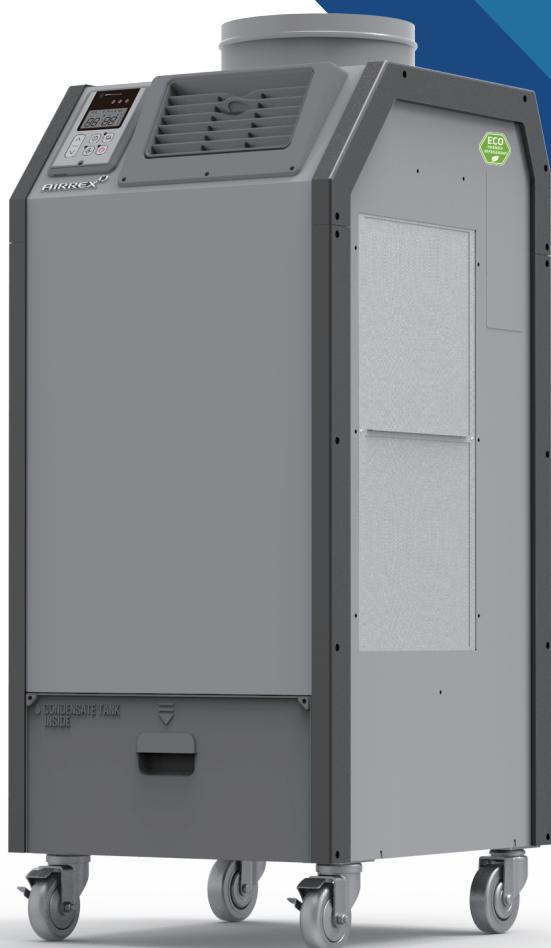
Automatic



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



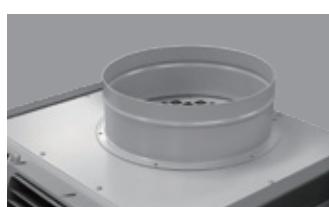
#### Condensate Tank

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

# AHSC-18R Specifications



SPECIFICATIONS			Heat Pump		Fans	Outdoor	Fan Type	-	Centrifugal
			AHSC-18R				Air Volume (High/Low)	CFM	870 / 810
Capacity Rating Condition	Cooling	(35°C/95°F 40%)	Btu/h	16,800 Btu/h			Max. External Static Pressure	inchH20	0.25
	Heating	(21°C/70°F 50%)	Btu/h	16,800 Btu/h			Max. Equivalent Duct Length	ft	60
	Dehu	Max. (32°C/89°F 80%)	gal/day	28			Type / Size	inch	Top Flange / 12" (Ø300)
		Nominal (27°C/80°F 60%)	gal/day	18					
Electrical Characteristics	Voltage	60 Hz	Volts	1 Phase, 115 V~	Sound Level	With Exhaust Duct	High / Low	dB(A)	59 / 57
	Power Consumption	Cooling	kW	1.65			Without Exhaust Duct	High / Low	61 / 58
		Heating	kW	1.46					
	Current	Cooling	A	15.3	Air Filter	Type	Indoor	-	Alu+SUS mesh
		Heating	A	13.6			Outdoor	-	Alu+SUS mesh
	Fuse Size		A	20	Condensate	Tank	Capacity	gal	5
	Min. - Max. Voltage		V	98 - 127 V~		Auto Pump		-	Optional
Power Cord	NEMA Plug		-	5 - 20	Refrigerant	Type		-	R-454B
	Gauge		-	12 AWG (3-core)		Weight	Net Weight	lbs	178
	Length		ft	10		Dimensions	W x D x H	inch	22 x 25 x 49
Fans	Indoor	Fan Type	-	Centrifugal	Operating Conditions	Min. - Max.	Cooling	°F	59~118 (15~48°C)
		Cooling Air Volume (High/Low)	CFM	520 / 440			Heating	°F	46~81 (8~27°C)
		Heating Air Volume	CFM	420			Dehumidification	°F	55~115 (13~46°C)
		Dehu Air Volume	CFM	460	Safety Device	High Pressure Switch		O	
		Max. External Static Pressure	inchH20	0.3		Low Pressure Switch		O	
		Max. Equivalent Duct Length	ft	30		Compressor 3min, Delay Timer		O	
		Type / Size	inch	Louver		Thermostat Protector for Compressor		O	
						Fan Mortor Protection		O	
						Automatic Full Tank Shut-Off		O	
						Tank Position Dectector		O	

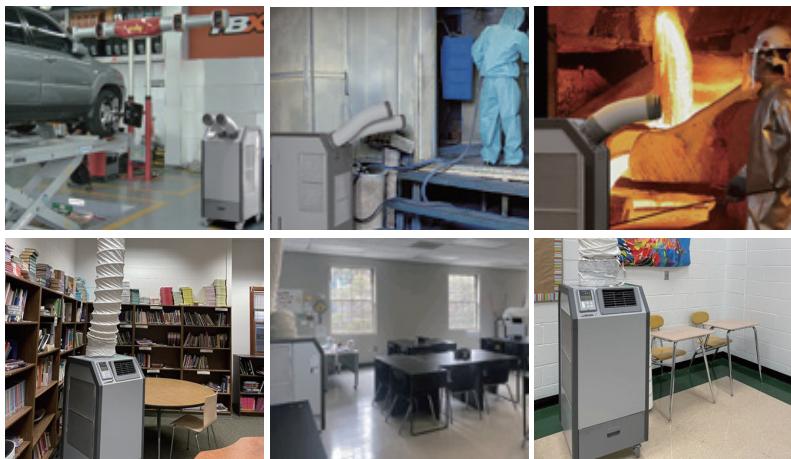
※ Designs and specifications of products are subject to change without prior notice for the improvements. The colors of products may be different due to the printing process.

## 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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