



AIRREX PORTABLE AIR CONDITIONER WITH ELECTRIC HEAT & DEHUMIDIFICATION

AHSC-140R

220 V~, 60 Hz, 3 Ph

Simple design, duct connection type! Optimized design for external environment!!

Approved technology with 39 years
experience in the Market!

Airrex AC/Electric heat 12-Ton 220 V~, 60 Hz, 3 Ph

Airrex Portable air conditioner with electric heat is operated in
air temperatures from 65°F to 113°F for cool mode, dehumidification
from 86.16 to 124.8(gal/day) and 1°F to 81°F for heat mode.
AHSC-140R utilizes eco-friendly 454B refrigerant.

Airrex AHSC-140P may require a fresh air supply for proper operation.
Includes 2" pleated paper filters. Thermostatically protected
compressor includes high and low pressure warnings. Moves easily
on swivel casters(4 locking). 145,000BTU cooling and 100,000BTU
heating feature 16" supply duct and 16" return duct and 20" diameter
rear warm air discharge.
1 year warranty and 3 years on compressor.



Strong Points



Large space air
conditioner



Automatic
temperature
control



Concentrated
cooling



Movable & Lockable



Optimization of
cooling capacity



Automatic



Time Setting



Certification



Performance improvements

Large capacity FAN to
outdoor unit gets optimised performance



Outdoor installation

Cool and heat air circulation system for
indoor and outdoor use.



Simple structure

User friendly, optimized, Easy to use,
Easy after-sales service.



Digital Controller

OFF times/Temperature
control/Remote control
Self-diagnosis function



Built-in exhaust fan

Built-in exhaust fan design adapted.



Portable air conditioner

Use urethane wheels
with convenient lockable
wheels
(4) 8" Swivel casters
(4) Locking casters

PORTABLE CLIMATE
SOLUTIONS BY AIRREX



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AHSC-140R 220/3 Specifications



SPECIFICATIONS				Air-Cooled with electric heat	
				AHSC-140R 220/3	
Capacity Rating Condition	Cooling	(35°C/95°F 40%)	Btu/h	145,000 Btu/h	
	Heating	(21°C/70°F 50%)	Btu/h	100,000 Btu/h	
	Dehumidification	Max. (32°C/89°F 80%)	gal/day	203	
		Nominal (27°C/80°F 60%)	gal/day	110	
Electrical Characteristics	Voltage	60 Hz	Volts	3 Phase, 220 V~	
	Power Consumption	Cooling	kW	21.5	
		Heating	kW	31	
	Current	Cooling	A	65.1	
		Heating	A	81.5	
	Fuse Size		A	120	
	Min. - Max. Voltage		V	187 - 242 V~	
Power Cord	NEMA Plug		-	Cam Lock	
	Gauge		-	-	
	Length		ft	-	
Fans	Indoor	Fan Type	-	Centrifugal	
		Cooling Air Volume (High/Low)	CFM	4,800	
		Heating Air Volume	CFM	4,800	
		Dehu Air Volume	CFM	4,800	
		Max. External Static Pressure	inchH2O	1.2	
		Max. Equivalent Duct Length	ft	100	
		Type / Size	inch	Supply / 16" (3400) x2 Return / 16" (3400) x2	
Fans	Outdoor	Fan Type	-	Centrifugal	
		Air Volume (High/Low)	CFM	7,000	
		Max. External Static Pressure	inchH2O	1.2	
		Max. Equivalent Duct Length	ft	120	
Sound Level	With Exhaust Duct	High / Low	dB(A)	77	
		Without Exhaust Duct	High / Low	81	
Air Filter	Type	Indoor	-	Paper filter (inch 20 x 24 x 2) x2	
	Type	Outdoor	-	-	
Condensate	Tank	Capacity	gal	-	
	Auto Pump		-	Included	
Refrigerant	Type		-	R-454B (9.5 lbs)	
Weight	Net Weight		lbs	1,424	
Dimensions	W x D x H		inch	35 x 77 x 69	
Operating Conditions	Min. - Max.	Cooling	°F	65~113 (18~45°C)	
		Heating	°F	1~81 (-17~27°C)	
		Dehumidification	°F	59~113 (15~45°C)	
Safety Device	High Pressure Switch			○	
	Low Pressure Switch			○	
	Compressor 3min. Delay Timer			○	
	Thermostat Protector for Compressor			○	
	Fan Motor Protection			○	
	Automatic Full Tank Shut-Off			○	

※ 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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