



# AHSC-60R

460V~60Hz, 3Ph

## Simple design, duct connection type!

## Optimized design for external environment!!

Approved technology with 40 years experience in the Market!

Airrex Heatpump 5-Ton 460V~60Hz,3Ph

Airrex heatpump operate in air temperatures from 65°F to 113°F for cool mode, dehumidification from 51 to 68(gal/day) and 50°F to 81°F for Heat model. These heatpump utilize eco-friendly 454B refrigerant.

Airrex heatpump may require a fresh air supply for proper operation. Includes removable, washable air filters for easy maintenance. Thermostatically protected compressor includes high and low pressure warnings. Moves easily on swivel casters (4 locking). 60,000BTU Cooling and 60,000BTU Heating feature 12" Supply duct and 16" Return duct and 26" diameter top exhaust, with optional 20" reducer. 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 timer/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

# AHSC-60R 460/3 Specifications



SPECIFICATIONS				Heat Pump
				AHSC-60R 460/3
Capacity Rating Condition	Cooling	(35°C/95°F 40%)	Btu/h	60,000 Btu/h
	Heating	(21°C/70°F 50%)	Btu/h	60,000 Btu/h
	Dehu	Max. (32°C/89°F 80%)	gal/day	76
		Nominal (27°C/80°F 60%)	gal/day	54
Electrical Characteristics	Voltage	60 Hz	Volts	3 Phase, 460 V~
	Power Consumption	Cooling	kW	5.3
		Heating	kW	5.7
	Current	Cooling	A	8.3
		Heating	A	8.8
	Fuse Size		A	30
	Min. - Max. Voltage		V	391 - 506 V~
Power Cord	NEMA Plug		-	-
	Gauge		-	-
	Length		ft	-
Fans	Indoor	Fan Type	-	Centrifugal
		Cooling Air Volume (High/Low)	CFM	1,950
		Heating Air Volume	CFM	1,950
		Dehu Air Volume	CFM	1,950
		Max. External Static Pressure	inchH2O	0.9
		Max. Equivalent Duct Length	ft	65
		Type / Size	inch	Supply / 16" (Ø300) x1 Return / 16" (Ø400) x1
Fans	Outdoor	Fan Type	-	Axial
		Air Volume (High/Low)	CFM	3,240
		Max. External Static Pressure	inchH2O	-
		Max. Equivalent Duct Length	ft	-
Sound Level	With Exhaust Duct	High / Low	dB(A)	-
	Without Exhaust Duct	High / Low	dB(A)	76
Air Filter	Type	Indoor	-	Alu+SUS mesh
		Outdoor	-	-
Condensate	Tank	Capacity	gal	-
	Auto Pump		-	Optional
Refrigerant	Type		-	R-454B
Weight	Net Weight		lbs	586
Dimensions	W x D x H		inch	29 x 57 x 51
Operating Conditions	Min. - Max.	Cooling	°F	65~118 (18~45°C)
		Heating	°F	50~81 (10~27°C)
		Dehumidification	°F	59~118 (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			-
	Tank Position Detector			-

※ 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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