



AHSC-42

220V~60Hz,1Ph

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

Approved technology with 37 years experience in the Market!

Airrex Heatpump 3.5-Ton 220V~60Hz,1Ph

Airrex heatpump operate in air temperatures from 65°to 113°F for cool mode, dehumidification from 52.8 to 76.56(gal/day) and 50°to 81°F for heat model. These heatpump utilize eco-friendly 410A 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(8"locking). 42,000BTU cooling and 47,000BTU 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 compresso.



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

Exhaust fan design.



Portable air conditioner

Urethane wheels with convenient lockable wheels

AHSC-42 Specifications



SPECIFICATIONS				Heat Pump		Fans	Outdoor	Fan Type	-	Axial	
				AHSC-42				Air Volume (High/Low)	CFM	2,580	
Capacity Rating Condition	Cooling	(35°C/95°F 40%)	Btu/h	42,000 Btu/h	Sound Level	With Exhaust Duct	High / Low	dB(A)	-		
	Heating	(21°C/70°F 50%)	Btu/h	47,000 Btu/h			Without Exhaust Duct	High / Low	dB(A)	65	
	Dehu	Max. (32°C/89°F 80%)	gal/day	59			Air Filter	Type	Indoor	-	Alu+SUS mesh
		Nominal (27°C/80°F 60%)	gal/day	41				Outdoor	-	-	
Electrical Characteristics	Voltage	60 Hz	Volts	1 Phase, 220 V~	Condensate	Tank Capacity	gal	-			
	Power Consumption	Cooling	kW	4.5		Auto Pump	-	Optional			
		Current	Cooling	A	21.0	Refrigerant	Type	-	R-410A		
	Fuse Size		Heating	kW	4.5	Weight	Net Weight	lbs	553		
		Min. - Max. Voltage	Heating	A	21.0	Dimensions	W x D x H	inch	29 x 57 x 51		
	Power Cord		NEMA Plug	-	-	Operating Conditions	Min. - Max.	Cooling	°F	65~113 (18~45°C)	
Gauge		-	-	Heating	°F			50~81 (10~27°C)			
Length		ft	-	Dehumidification	°F			59~113 (15~45°C)			
Fans	Indoor	Fan Type	-	Centrifugal	Safety Device	High Pressure Switch		○			
		Cooling Air Volume (High/Low)	CFM	1,290		Low Pressure Switch		○			
		Heating Air Volume	CFM	1,290		Compressor 3min, Delay Timer		○			
		Dehu Air Volume	CFM	1,290		Thermostat Protector for Compressor		○			
		Max. External Static Pressure	inchH2O	0.7		Fan Motor Protection		○			
		Max. Equivalent Duct Length	ft	50		Automatic Full Tank Shut-Off		○			
		Type / Size	inch	Supply / 12" (Ø300) x1 Return / 16" (Ø400) x1		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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