



AHSC-42R

220V~60Hz,1Ph

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

Approved technology with 40 years experience in the Market!

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

Airrex heatpump operate in air temperatures from 65°F to 118°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(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 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

Exhaust fan design.



Portable air conditioner

Urethane wheels with convenient lockable wheels

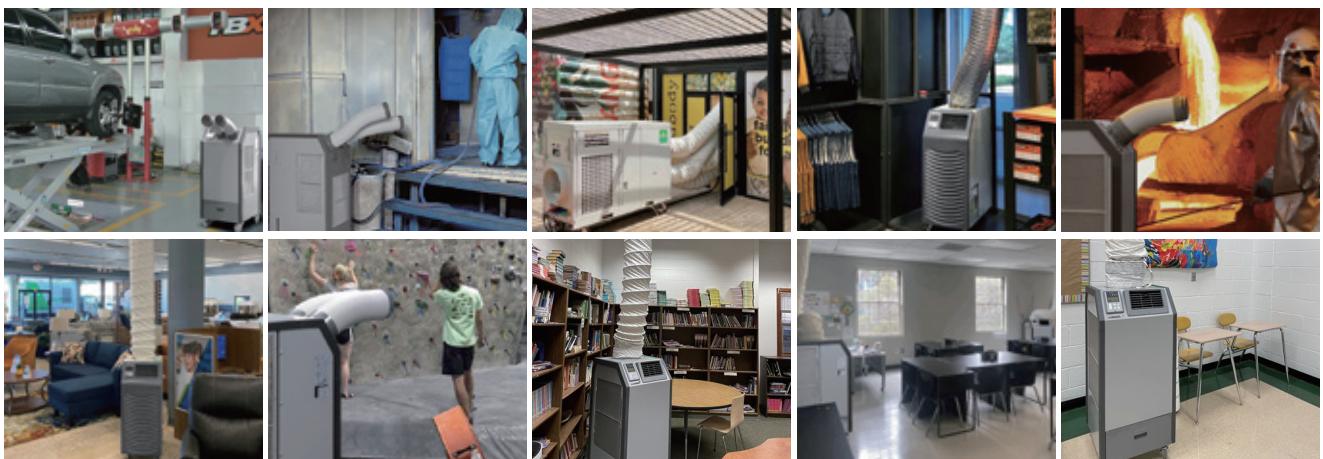
AHSC-42R Specifications



SPECIFICATIONS				Heat Pump	Fans				
				AHSC-42R					
Capacity Rating Condition	Cooling	(35℃/95℉ 40%)	Btu/h	42,000 Btu/h		Outdoor	Fan Type	-	Axial
	Heating	(21℃/70℉ 50%)	Btu/h	47,000 Btu/h			Air Volume (High/Low)	CFM	2,580
	Dehu	Max. (32℃/89℉ 80%)	gal/day	68			Max. External Static Pressure	inchH2O	-
		Nominal (27℃/80℉ 60%)	gal/day	51	Max. Equivalent Duct Length		ft	-	
					Type / Size		inch	-	
Electrical Characteristics	Voltage	60 Hz	Volts	1 Phase, 220 V~	Sound Level	With Exhaust Duct	High / Low	dB(A)	-
	Power Consumption	Cooling	kW	4.5		Without Exhaust Duct	High / Low	dB(A)	67
		Current	Cooling	A	21.0	Air Filter	Type	Indoor	-
	Heating		kW	5.1	Outdoor		-	-	
		Fuse Size		A	50	Condensate	Tank	Capacity	gal
					Auto Pump		-	Optional	
Min. - Max. Voltage			V	187 - 242 V~	Refrigerant	Type	-	R-454B	
					Weight	Net Weight	lbs	553	
Power Cord		NEMA Plug	-	-	Dimensions	W x D x H	inch	29 x 57 x 51	
	Gauge	-	-	Operating Conditions	Min. - Max.	Cooling	℉	65~118 (18~45℃)	
	Length	ft	-			Heating	℉	50~81 (10~27℃)	
Dehumidification						℉	59~118 (15~45℃)		
Fans	Indoor	Fan Type	-	Centrifugal	Safety Device	High Pressure Switch		○	
		Cooling Air Volume (High/Low)	CFM	1,550		Low Pressure Switch		○	
		Heating Air Volume	CFM	1,550		Compressor 3min, Delay Timer		○	
		Dehu Air Volume	CFM	1,550		Thermostat Protector for Compressor		○	
		Max. External Static Pressure	inchH2O	0.7		Fan Mortor Protection		○	
		Max. Equivalent Duct Length	ft	50		Automatic Full Tank Shut-Off		-	
		Type / Size	inch	Supply / 16" (Ø300) x1 Return / 16" (Ø400) x1		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.

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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