



# AHSC-140P

220 V~, 60 Hz 3 Ph

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

Approved technology with 37 years experience in the Market!

Airrex AC/Electric heat 12-Ton 220V~, 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-140P utilizes eco-friendly 410A 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 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  
(4) 8" Swivel casters  
(4) Locking casters

# AHSC-140P 220/3 Specifications



SPECIFICATIONS				Air-Cooled with electric heat		Fans		Outdoor		
				AHSC-140P 220/3						
Capacity Rating Condition	Cooling	(35°C/95°F 40%)	Btu/h	145,000 Btu/h		Sound Level	With Exhaust Duct	High / Low	dB(A)	77
	Heating	(21°C/70°F 50%)	Btu/h	100,000 Btu/h			Without Exhaust Duct	High / Low	dB(A)	81
	Dehu	Max. (32°C/89°F 80%)	gal/day	127			Air Filter	Type	Indoor	-
Nominal (27°C/80°F 60%)		gal/day	88		Outdoor			-	-	
Electrical Characteristics	Voltage	60 Hz	Volts	3 Phase, 220 V~		Condensate	Tank	Capacity	gal	-
	Power Consumption	Cooling	kW	19.8			Auto Pump	-	Included	
		Heating	kW	32		Refrigerant	Type	-	R-410A	
	Current	Cooling	A	61.0			Weight	Net Weight	lbs	1,334
		Heating	A	84.5		Dimensions		W x D x H	inch	34 x 73 x 69
	Fuse Size		A	120			Operating Conditions	Min. - Max.	Cooling	°F
Min. - Max. Voltage		V	187 - 242 V~		Heating	°F		1~81 (-17~27°C)		
					Dehumidification	°F		59~113 (15~45°C)		
Power Cord	NEMA Plug		-	Cam Lock		Safety Device	High Pressure Switch		○	
	Gauge		-	-			Low Pressure Switch		○	
	Length		ft	-			Compressor 3min, Delay Timer		○	
Fans	Indoor	Fan Type	-	Centrifugal			Thermostat Protector for Compressor		○	
		Cooling Air Volume (High/Low)	CFM	4,800			Fan Motor Protection		○	
		Heating Air Volume	CFM	4,800			Automatic Full Tank Shut-Off		○	
		Dehu Air Volume	CFM	4,800			Tank Position Dectector		-	
		Max. External Static Pressure	inchH2O	1.2						
		Max. Equivalent Duct Length	ft	100						
		Type / Size	inch	Supply / 16" (Ø400) x2 Return / 16" (Ø400) x2						

※ 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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