



# AHSC-140P

460 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 460 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-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 460/3 Specifications



SPECIFICATIONS				Air-Cooled with electric heat		Fans	Outdoor				
				AHSC-140P 460/3			Fan Type	-	Centrifugal		
Capacity Rating Condition	Cooling	(35°C/95°F 40%)	Btu/h	145,000 Btu/h		Outdoor	Air Volume (High/Low)	CFM	7,000		
	Heating	(21°C/70°F 50%)	Btu/h	100,000 Btu/h			Max. External Static Pressure	inchH2O	1.2		
	Dehu	Max. (32°C/89°F 80%)	gal/day	127			Max. Equivalent Duct Length	ft	120		
		Nominal (27°C/80°F 60%)	gal/day	88			Type / Size	inch	Duct / 20" (Ø500) x1		
Electrical Characteristics	Voltage	60 Hz	Volts	3 Phase, 460 V~		Sound Level	With Exhaust Duct	High / Low	dB(A)	77	
	Power Consumption	Cooling	kW	20.4			Without Exhaust Duct	High / Low	dB(A)	81	
		Current	Cooling	A	30.5		Air Filter	Type	Indoor	-	Paper filter (inch 20 x 24 x 2) x2
	Heating		A	42		Outdoor		-	-		
	Fuse Size		A	60		Condensate	Tank	Capacity	gal	-	
	Min. - Max. Voltage		V	391 - 506 V~			Auto Pump				Included
Power Cord	NEMA Plug		-	Cam Lock		Refrigerant	Type		-	R-410A	
	Gauge		-			Weight	Net Weight	lbs		1,351	
	Length		ft			Dimensions	W x D x H	inch		34 x 73 x 69	
Fans	Indoor	Fan Type	-	Centrifugal		Operating Conditions	Min. - Max.	Cooling	°F	65~113 (18~45°C)	
		Cooling Air Volume (High/Low)	CFM	4,800			Heating	°F	1~81 (-17~27°C)		
		Heating Air Volume	CFM	4,800			Dehumidification	°F	59~113 (15~45°C)		
		Dehu Air Volume	CFM	4,800			Safety Device	High Pressure Switch			○
		Max. External Static Pressure	inchH2O	1.2				Low Pressure Switch			○
		Max. Equivalent Duct Length	ft	100				Compressor 3min, Delay Timer			○
		Type / Size	inch	Supply / 16" (Ø400) x2 Return / 16" (Ø400) x2				Thermostat Protector for Compressor			○
				Fan Mortor Protection				○			
				Automatic Full Tank Shut-Off			○				
				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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