



# AHSC-60

460V~60Hz,3Ph

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

Approved technology with 37 years experience in the Market!

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

Airrex heatpump operate in air temperatures from 65°to 113°F for cool mode 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 (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 compresso.



Optional ▶

## 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-60 460/3 Specifications



| SPECIFICATIONS             |                   |                               |         | Heat Pump  | Fans             | Outdoor                             | Fan Type              | -          | Axial            |                  |              |
|----------------------------|-------------------|-------------------------------|---------|--|------------------|-------------------------------------|-----------------------|------------|------------------|------------------|--------------|
|                            |                   |                               |         | AHSC-60 460/3                                    |                  |                                     | Air Volume (High/Low) | CFM        | 3,240            |                  |              |
| Capacity Rating Condition  | Cooling           | (35°C/95°F 40%)               | Btu/h   | 60,000 Btu/h                                     | Sound Level      | With Exhaust Duct                   | High / Low            | dB(A)      | -                |                  |              |
|                            | Heating           | (21°C/70°F 50%)               | Btu/h   | 60,000 Btu/h                                     |                  |                                     | Without Exhaust Duct  | High / Low | dB(A)            | 75               |              |
|                            | Dehu              | Max. (32°C/89°F 80%)          | gal/day | 77   |                  |                                     | Air Filter            | Type       | Indoor           | -                | Alu+SUS mesh |
|                            |                   | Nominal (27°C/80°F 60%)       | gal/day | 53   |                  |                                     |                       | Outdoor    | -                | -                |              |
| Electrical Characteristics | Voltage           | 60 Hz                         | Volts   | 3 Phase, 460 V~                                  | Condensate       | Tank                                | Capacity              | gal        | -                |                  |              |
|                            | Power Consumption | Cooling                       | kW      | 6,9  |                  | Auto Pump                           | -                     | Optional   |                  |                  |              |
|                            |                   | Current                       | Cooling | A  | 10,6             | Refrigerant                         | Type                  | -          | R-410A           |                  |              |
|                            | Fuse Size         |                               | Heating | A  | 9,7              | Weight                              | Net Weight            | lbs        | 586              |                  |              |
|                            |                   | Min. - Max. Voltage           |         | V  | 391 - 506 V~     | 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     | 1,620  |                  | Low Pressure Switch                 |                       |            | ○                |                  |              |
|                            |                   | Heating Air Volume            | CFM     | 1,620  |                  | Compressor 3min, Delay Timer        |                       |            | ○                |                  |              |
|                            |                   | Dehu Air Volume               | CFM     | 1,620  |                  | Thermostat Protector for Compressor |                       |            | ○                |                  |              |
|                            |                   | Max. External Static Pressure | inchH2O | 0,9  |                  | Fan Motor Protection                |                       |            | ○                |                  |              |
|                            |                   | Max. Equivalent Duct Length   | ft      | 65   |                  | Automatic Full Tank Shut-Off        |                       |            | ○                |                  |              |
|                            |                   | Type / Size                   | inch    | Supply / 12" (Ø300) x1<br>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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