

# Oshkosh AeroTech JetAire® 30 Ton, 45 Ton and 60 Ton Pre-conditioned Air Units



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AEROTECH

**JETWAY SYSTEMS®**  
For the Perfect Turn

# JetAire® 30, 45, and 60 Ton Capacity Pre-conditioned Air Units Technical Specifications

## Design Elements

JetAire® 30-60 ton units are ideal for most narrow to mid-body sized aircraft. The units all fit in the same frame size and share many common components. They can be bridge or stand-mounted and benefit the user through reduced pollution, fuel savings and less equipment on the ramp.

## Features / Benefits

- Energy Efficiency
- Consistent Temperature
- Reliability
- Reduced Noise
- Human Machine Interface (HMI) Screen with Intuitive Operating Controls
- Remote Wireless Data Access for convenient Operations and Maintenance monitoring

## Electrical

| Unit          | 30 Ton                   | 45 Ton        | 60 Ton        |
|---------------|--------------------------|---------------|---------------|
| Voltage       | 480/60/3                 | 480/60/3      | 480/60/3      |
| Blower Size   | 25 HP/18.6 kW            | 30 HP/22.4 kW | 40 HP/29.8 kW |
| Heater Size   | 36 kW                    | 54 kW         | 72 kW         |
| *RLA          | 91 Amps                  | 128 Amps      | 173 Amps      |
| *Unit Breaker | 125 Amps<br>(100 Amps**) | 150 Amps      | 200 Amps      |

\*Values are calculated using ARI conditions and are not to be used for construction. Values are for reference purposes only.

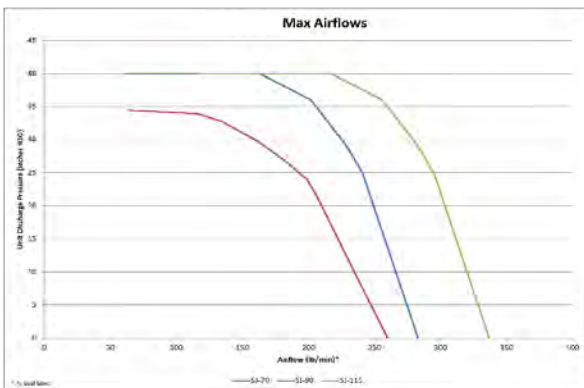
\*\* 100% Load rated unit breaker available for gates with supply power limitations

## Dimensions/Weight

| Unit        | 30 Ton                    | 45 Ton                    | 60 Ton                    |
|-------------|---------------------------|---------------------------|---------------------------|
| Length      | 167 in (424 cm)           | 167 in (424 cm)           | 167 in (424 cm)           |
| Width       | 88 in (225 cm)            | 88 in (225 cm)            | 88 in (225 cm)            |
| Height      | 43 in (109 cm)            | 43 in (109 cm)            | 43 in (109 cm)            |
| Weight      | 4500 lb                   | 5000 lb                   | 5500 lb                   |
| Sound Level | 84 dBA @ 15 ft<br>(4.6 m) | 84 dBA @ 15 ft<br>(4.6 m) | 84 dBA @ 15 ft<br>(4.6 m) |

## Design Ambient

| Unit             | 30 Ton / 45 Ton / 60 Ton |
|------------------|--------------------------|
| Humid - Dry Bulb | 95° F (35° C)            |
| Humid - Wet Bulb | 76° F (24.4° C)          |
| Dry - Dry Bulb   | 110° F (43.3° C)         |
| Dry - Wet Bulb   | 70° F (21.1° C)          |



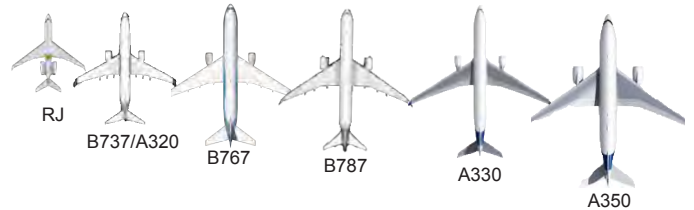
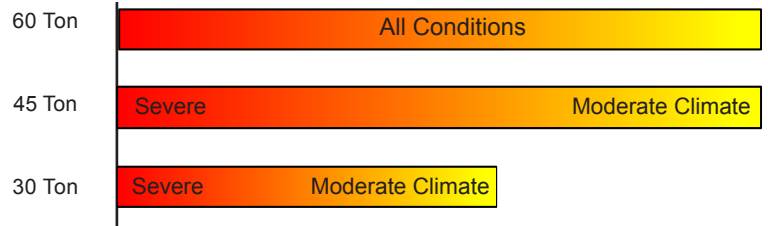
## Operational Performance

- Standard Airflow
  - 30 Ton: 180 lb/min @ 20" H2O
  - 45 Ton: 240 lb/min @ 22" H2O
  - 60 Ton: 300 lb/min @ 22" H2O
- Max Airflow: 340 lb/min
- Max Pressure: 40" H2O
- Cooling Temperature: 25° F (-3.8° C) to 60° F (15.6° C)
- Heating Temperature: 80° F (26.7° C) to 130° F (54.4° C)

## Optional Equipment

- Apron Management System (AMS) Interface (Modbus TCP standard, other optional)
- Single or Dual Hose Outlets
- Heating (36/54/72kW for 480Volts)
- Aircraft Cabin and / or Bridge Temperature Probes
- Boarding Bridge Cooling and Heating capability and controls
- Hose Storage/Deployment Systems
- Delivery Hose (style and/or length) and Aircraft Couplings
- Severe Weather (SJ-X) models available with improved corrosion protection in extreme environmental conditions including Stain-less Steel hardware, hot dip galvanized and powder coated steel parts, severe duty and extra protected components Configuration to service regional jets, narrow, and wide body aircraft

## Operating Capabilities (Air-Conditioner) for various ambient conditions



This information is provided for reference only and should not be used as technical specification data. This information may change without notice. Please contact an Oshkosh AeroTech sales office for formal technical information.



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