

JETAIRE® 30 TON MOBILE PRE-CONDITIONED AIR UNITS



SPECIFICATIONS

NSN 4120-01-539-5604

DESIGN ELEMENTS

Jetaire® Mobile Pre-conditioned Air Units offer maximum economy and dependability.

Mounted on an integrated trailer and powered by a robust diesel engine and generator set, the mobile units have become the best solution to keep aircraft interiors comfortable in hangars, at maintenance sites, and on the ramp.

Jetaire® 30 Ton mobile units offer high energy efficiency ratios (EER) and service a variety of aircraft.

Jetaire® 30 Ton mobile may also operate using building-supplied power.

ENGINE/GENERATOR SET

| | |
|-----------------------------|--------------------------|
| Unit | 30 Ton |
| Diesel Engine | Cummins QSB4.5-G3 |
| Generator | Newage 80 kW |
| Engine/Generator Controller | IFM PLC |
| Fuel Capacity/Running Time | 60 gal./8 hours (227 L.) |

DIMENSIONS/WEIGHT

| | |
|--------|--------------------|
| Unit | 30 Ton |
| Length | 157 in (398.78 cm) |
| Width | 88 in (223.52 cm) |
| Height | 84 in (213.36 cm) |
| Weight | 8,000 lbs |

CONTROL SYSTEM

| | |
|----------|--------|
| Unit | 30 Ton |
| Controls | PLC |

BLOWER

| | |
|-----------------|-------------|
| Unit | 30 Ton |
| Blower | Motor 25 hp |
| Air Flow | 200 lb/min |
| Static Pressure | 27.7 in |

CONDENSER FANS

| | |
|-------------------|-----------------|
| Unit | 30 Ton |
| Quantity Per Unit | 3 |
| Fan Motors | 3 hp |
| Diameter | 30 in (76.2 cm) |

COMPRESSORS

| | |
|------------------------|---------|
| Unit | 30 Ton |
| Quantity Per Unit | 2 |
| Refrigeration Capacity | 15 Tons |
| Refrigerant | R407C |
| Manufacturer | Danfoss |

CONDENSER COILS

| | |
|---------------|-------------------|
| Unit | 30 Ton |
| Rows Per | Unit 3 |
| Finned Height | 36 in (91.4 cm) |
| Finned Length | 110 in (279.4 cm) |

EVAPORATOR COILS

| | |
|---------------|--------------------|
| Unit | 30 Ton |
| Rows Per Unit | 7 |
| Finned Height | 30 in (76.2 cm) |
| Finned Length | 43.5 in (110.5 cm) |

DESIGN AMBIENT

| | |
|------------------|------------------|
| Unit | 30 Ton |
| Humid - Dry Bulb | 97° F (36.1° C) |
| Humid - Wet Bulb | 85° F (29.5° C) |
| Dry - Dry Bulb | 125° F (51.7° C) |
| Dry - Wet Bulb | 65° F (18.3° C) |

SOUND LEVEL

80 dBA @ 15 ft (4.6 m)

STANDARD EQUIPMENT

- Programmable Logic Controls
- Diesel Engine and Generator Set
- Dual Hose Outlets (8-inch)
- Ackerman Steering
- Hand operated Parking Brake
- Hose Storage Compartment
- 25 hp Blower Motor
- Running Gear with Pneumatic Tires
- Leaf -Spring Suspension

AIRCRAFT SERVICED

- Military
- C - 130
- C-17
- C-5

PHONE

- AU 1800 765 783
- NZ 0800 663574
- +64 4 566 3574

EMAIL

- info@airport-equipment.com

WEB

- airport-equipment.com



Airport Equipment