



Jetway Systems®



VICTORY GROUND SUPPORT EQUIPMENT
(323) 581-7272 www.victorygse.com

Jetaire® 110 Ton Mobile Preconditioned Air Units

A solution to reduce operating costs



Jetaire® 110 Ton Commercial Mobile Technical Specifications

Design Elements

Jetaire® 110 Ton Mobile Preconditioned Air units is the solution for situations that require large airflow cooling capabilities in locations where a nearby power source is not available.

The 110 Ton preconditioned air unit is mounted on a multi-functional trailer and powered by a robust, dependable diesel engine and generator set. They are the ideal solution to keep aircraft interiors comfortable in hangars, at maintenance sites, and on the ramp.

Jetaire® 110 Ton Mobile units offer a reduction in APU usage, which is a significant benefit in terms of reducing operating costs and pollution.

Engine/Generator Set

Unit	110 Ton
Diesel Engine	IVECO Cursor 13
Generator	320 kW
Engine/Generator Controller	IFM PLC
Fuel Capacity/Running Time	168 gal./8 hours

Dimensions/Weight

Unit	110 Ton
Length	260 in (660.4 cm)
Width	100 in (254 cm)
Height	91 in (231.14 cm)
Weight	20,000 lbs

Control System

PLC Controls

Blower

Unit	110 Ton
Blower Motor	75 hp
Air Flow	600 lbs @ H ₂ O
Static Pressure	40 in

Condenser Fans

Unit	110 Ton
Quantity per Unit	4
Fan Motors	7.5 hp
Diameter	42 in (100.8 cm)

Compressors

Unit	110 Ton
Quantity per Unit	4 (2 X 25 Ton and 2 X 30 Ton)
Refrigeration Capacity	110 Tons
Refrigerant	R407C
Manufacturer	Danfoss

Condenser Coils

Unit	110 Ton Primary	110 Ton Secondary
Rows per Unit	5	5
Finned Height	52 in (132 cm)	52 in (132 cm)
Finned Length	96 in (243.8 cm)	96 in (243.8 cm)

Sound Level

92 dBA @ 15 ft (4.6 m)

Evaporator Coils

Unit	110 Ton 1 st Primary	110 Ton 2 nd Primary	110 Ton 1 st Secondary	110 Ton 2 nd Secondary
Finned Height	50 in (127 cm)	50 in (127 cm)	50 in (127 cm)	50 in (127 cm)
Finned Length	48 in (121.9 cm)	48 in (121.9 cm)	48 in (121.9 cm)	48 in (121.9 cm)
Rows per Unit	2	3	5	5

Design Ambient

Unit	110 Ton
Humid - Dry Bulb	97° F (36.1° C)
Humid - Wet Bulb	85° F (29.5° C)
Dry - Dry Bulb	108° F (42.2° C)
Dry - Wet Bulb	65° F (18.3° C)

Standard Equipment

- Programmable Logic Controls
- Diesel Engine and 320 kW Generator Set
- Delivery Hose (style and/or length) and Aircraft Couplings
- Surge Brake Hand Operated Parking Brake
- Hose Storage Systems
- 75 hp Blower Motor
- Running Gear with Pneumatic Tires
- Fifth Wheel Front Steer Axle
- Leaf -Spring Suspension
- Configuration to narrow-body, wide-body, jumbo, and A380 aircraft
- 190 kW, 5-Stage Heater

Aircraft Serviced

- Narrow-body (All)
- Wide-body (All)
- DC-90/MD-80/MD-88/MD-92
- Jumbo - All
- A380 - Two Units

JBT AeroTech

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This information is provided for reference only and should not be used as technical specification data. This information is subject to change without notice. Please contact a JBT AeroTech sales office for formal technical information.

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