

# JETAIRE® LBAC LAND-BASED AIR CONDITIONER



# SPECIFICATIONS

A/M32C-23  
NSN 4120-01-563-7884

## DESIGN ELEMENTS

Jetaire® LBAC Preconditioned 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 provide avionics cooling and keep aircraft interiors comfortable in hangars, at maintenance sites, and on the ramp.

## ENGINE/GENERATOR SET

Diesel Engine	Cummins QSL9, Tier III
Generator	Marathon, 211 kW
Engine/Generator Controller	JBT Proprietary PLC
Fuel Capacity/Running Time	100 gal./8 hours (378 L/8 hours)

## DIMENSIONS/WEIGHT

Length	150 inches (381 cm)
Width	96 inches (244 cm)
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Weight	15,000 lbs. (6,818 kg)

## CONTROL SYSTEM

PLC Controls

## BLOWER

Blower Motor	40 hp
Air Flow	100 - 290 lb/min (45 - 132 kg/min)
Static Pressure	0.3 - 1.5 psig (2-10 KPa)

## REFRIGERATION CIRCUITS

Quantity per Unit	3
Refrigeration	Capacity 15 Ton each
Refrigerant	R-410 A
Manufacturer	Danfoss
Electronic Expansion Valves	

## CONDENSER FANS

Quantity per Unit	9
Fan Motors	2 hp

## CONDENSER COILS

Rows per Unit	4
Finned Height	27 inches (69 cm)
Finned Length	86 inches (218 cm)

## SOUND LEVEL

94 dBA avg. @ 10 ft.

## EVAPORATOR COILS

Coils		#1	#2	#3
Rows per Unit		4	4	4
Finned Height	<i>inch (cm)</i>	30 [76]	30 [76]	25 [64]
Finned Length	<i>inch (cm)</i>	52 [132]	52 [132]	44 [112]

## DESIGN AMBIENT

Warm/Humid	1050 F	DB/87°F	WB/50%	RH (410 C / 31°C)
Hot/Dry	1400 F	DB/72°F	WB/1%	RH (600 C / 22°C)

## STANDARD EQUIPMENT

- Programmable Logic Controls
- Diesel Engine and Generator Set
- 12-inch Single Hose Outlet
- 50 ft. insulated 12 in. hose with 8 in. reducer to commercial a/c connector
- Hand Operated Parking Brake
- Hose Storage Compartment
- 40 hp variable speed Blower Motor
- Running Gear with Pneumatic Tires
- Ackerman Front Steer Axle
- Leaf-Spring Suspension
- Heating - 59 kW
- Dehumidification mode (90°F low humidity air)
- Air-transportable on C-130

## AIRCRAFT SERVICED

- Military
- C - 130
- P - 3
- P - 8
- C - 9
- C - 40
- C - 17

## PHONE

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