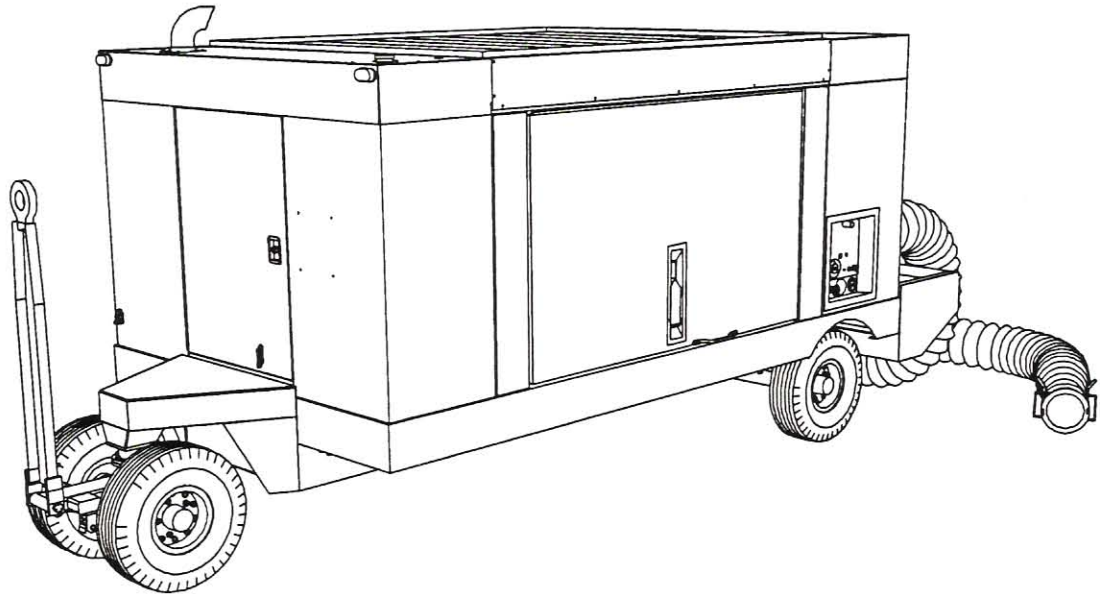


AIR CONDITIONING UNITS ACE-804-SERIES



The **ACE-804-Series Air Conditioners** provide passenger comfort for all single connection aircraft. These units are equipped with a vertical condenser air discharge for sound attenuation and consistent heat rejection under all wind conditions. Using R-134a as a refrigerant, the **ACE-804-Series** are environmentally "safe", causing no damage to the atmospheric ozone. Available truck or trailer mounted, diesel or electrically powered, the **ACE-804** is the air conditioner of choice for the '90's.

DESIGN ADVANTAGES

- **Rotary Screw Compressor**

- The Frick XJS-120 rotary screw compressor is rated for 50,000 hours before major inspection is required.
- Compressor has three (3) major moving components, reducing maintenance requirements considerably.

- **Simplified Controls** - the operator's panel contains controls and indicators required for operation.

- **Refrigerant**

- The ACE-804-Series uses R-134a as a refrigerant. R-134a has an ozone depletion potential of zero (0) and will not harm the atmosphere.

- **Air shut off.**
- **"No Freeze" Evaporator** with a close temperature approach.
- **Easy Access Hose Storage** - The storage compartment is designed for over 30 feet of hose.
- **Heavy Duty hydraulic condenser fan.**
- **Easy Maintenance** - All regular maintenance can be performed through two easy access canopy doors.
- **Simplified Automatic Capacity Control** - The simple electro-mechanical capacity control provides reduced unit capacity in cool ambients.
- **Standard Diesel Units:**
 - 6 cylinder in-line John Deere engine
 - Frick rotary screw compressor
 - Centrifugal blower
 - 12 volt DC electrical system
 - Pressurized coolant system
 - Fuel tank provides fuel for over eight hours operation
- **Standard Electric Units:**
 - Reduced current starting
 - 120 volt control circuit
 - Standard 480 volts, 3 phase, 60 hertz
 - Quiet operation
 - Low maintenance required

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OPTIONAL EQUIPMENT

- **Diesel Units:**
 - Isuzu diesel engine Model 6BG1TPX.
 - Cummins 6 cylinder in-line diesel engine Model 6BTA5.9C185.
 - Deutz diesel engine Model BF6M1013E.
 - Low level fuel warning beacon.
 - Low water level.
- **Electric Units:**
 - Optional voltages and frequencies available.
 - Input power cables and plugs.
- **Heating Option (400,000 BTU) (-400 or -300 only).**
- **Choice of Mounting** - In addition to the trailer, all units may be mounted on a variety of domestic and foreign made chassis. Fifth wheel steering is available at no additional charge. Length with fifth wheel is 200 inches.

DESIGN SPECIFICATIONS

ACE Model No.	(Basic)	804-420/620	804-320/920	804-390/990
Mounting		Truck	Trailer	Trailer
Supplied Air Temperature	°F (°C)	45 (7)		
Nominal Air Flow	PPM (KPM)	325 (147)		
Compressor		Frick		
Compressor Model		XJS-120S		XJS-120
Refrigerant		R-134a		
Engine Manufacturer		John Deere		--
Engine Model		6068T		--
Length	Inches (Cm)	*	205 (520)	167 (424)
Width	Inches (Cm)	*	83 (211)	83 (211)
Height	Inches (Cm)	*	90 (229)	84 (215)
Weight	Lbs. (Kg)	*	9,000 (4,100)	8,000 (3,600)

* Dependent upon truck selection.
Additional information and mounting specifications available upon request.

Equipment is manufactured and warranted by **Accessory Controls & Equipment Corp.**
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