

View Online at <https://aerobasegroup.com/nsn/4310-00-720-0956>

Compressor Quantity:

1

Duty Cycle In Percent:

100

Gas For Which Designed:

Air

Discharge Flow Rate:

15.000 cubic feet per minute

Discharge Pressure:

4000.000 pounds per square inch gage

Cooling System Design:

Single

Mounting Type:

Trailer

Reciprocating Compressor Design:

Compound acting

Cylinder Quantity:

2

Cylinder Arrangement Style:

"v" design

Stage Quantity:

4

Compressor Speed At Rated Capacity In Rpm:

1350.0

Discharge Connection Quantity:

1

Silencer Type:

Discharge

Unpackaged Unit Length:

84.00 inches

Unpackaged Unit Width:

60.00 inches

Unpackaged Unit Height:

56.00 inches

Prime Mover Type:

Gasoline engine

Control Device Type:

Automatic start-stop

Safety Device Type:

Relief valve

Temperature Rating Per Function:

-54.0 inlet degrees fahrenheit

Functional Description:

The type mc-11 compressor is intended for use in starting jet engine powered aircraft using fuel combustion type starters and is capable of meeting all service requirements of any aircraft requiring air between 50 and 4000 psi; the compressor is air transportable and equipped for operation under extreme environmental conditions

Entry Date:

85-08-20

Reference Data And Literature:

Af to. 34y1-125-11

Relationship To Similar Equipment:

The mc-11 compressor is similar to the mc-1 modified nsn 4310-00-697-0858; the basic difference is the psi and low pressure regulating system as this unit is regulated from 50 to 3200 psi and the mc-1 modified is regulated from 0 to 500 psi; the storage capacity on the mc-11 is 8000 cubic inches, on the mc-1 mod it is 5500 cu inches

Specification Or Standard:

Mc-11 type

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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