

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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