



Military Ground Support Equipment

An ESSI Company

F60S-11 AIR CONDITIONING UNIT

AIR CONDITIONING UNIT, MIL-A-0083216C



FRONT



REAR

The Keco Model F60S-11 Air Conditioning Unit is a horizontal configuration. The evaporator inlet and outlet flanges provide for attachment of free discharge grilles or flexible duct adapters. Two fork lift channels are provided for lifting using a standard fork lift. The supply and return ducts as well as power cable and drain hose with fittings can be stored inside the unit.

A centrifugal electric motor driven blower is used to circulate shelter air through the unit. Heating the shelter air is accomplished by two-step electric strip heaters. Cooling the shelter air is accomplished by an electrically operated mechanical refrigeration system.

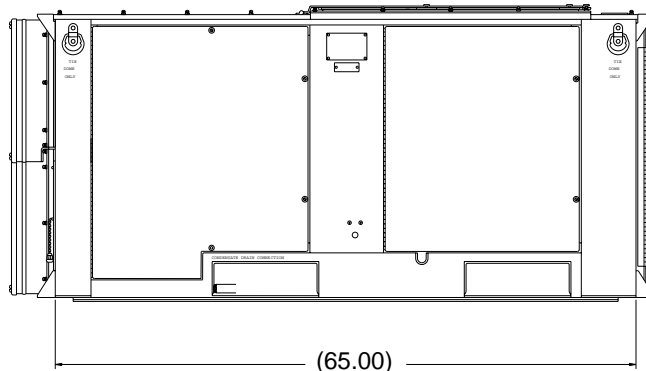
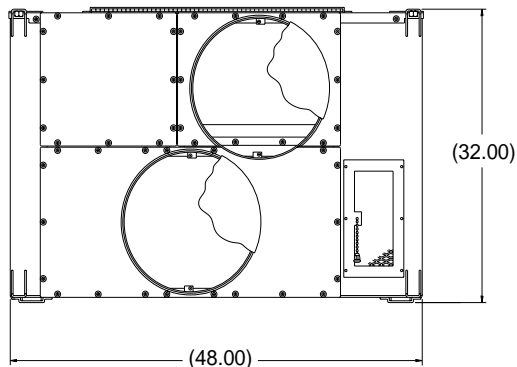
The air conditioning units can be stacked three high for storage and bolted together using attached hardware.

From The nation's leading producer of specialized military ground support equipment.

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Dimensions and weights listed are for reference only and may vary due to component tolerances.

Specifications of Air Conditioning Unit - F60S-11

DIMENSIONS:

Length.....Overall 72 in.
 Width.....48 in.
 Height32 in.

VOLUME64 cu ft

WEIGHT1,000 lbs

FLEXIBLE DUCTS (QTY 2) 16 in. dia x 7 ft long

OPERATING CONTROLS:

- Off/Reset Switch
- Cooling/Heating Control Thermostat
- Circuit Breaker For Control Circuit
- Mode Of Operation:
 - Ventilating
 - Automatic Cooling/Heating

ELECTRIC POWER SOURCE: 208V, 3PH,
 50/60HZ, 4 WIRE

POWER CONSUMPTION:..... 10.5 KW, Maximum

FULL LOAD CURRENT:.....31 amps

OPERATING TEMPERATURE:..... 50°F TO 125°F

STORAGE TEMPERATURE:-60°Fto+160°F

CONDITIONED AIR FLOW:

Free air delivery2200 CFM min
 @ 1" WG static pressure2000 CFM min

HEATING CAPACITY:

Low Heat..... 16,800 BTUH min
 High Heat..... 31,000 BTUH min

COOLING CAPACITY:

@ 125°F DB, outdoor ambient with
 90°F DB and 65°F WB indoors.
 Net Cooling, minimum: 50,000 BTUH

@ 115°F DB, outdoor ambient with
 85°F DB and 70°F WB indoors.
 Net Cooling, minimum: 54,000 BTUH

@ 95°F DB, outdoor ambient with
 80°F DB and 67°F WB indoors.
 Net Cooling, minimum: 60,000 BTUH

@ 50°F DB, outdoor ambient with
 80°F DB and 58°F WB indoors.
 Net Cooling, minimum: 70,000 BTUH

CONDENSER COIL: Aluminum Fins
 Tin plated copper tubes

EVAPORATOR COIL: Aluminum Fins
 Tin plated copper tubes

REFRIGERANT TYPE: R-22

REFRIGERANT CHARGE: 9 LBS