

ENVIRONMENTAL CONTROL SYSTEM

Ducted environmental control system

/ Model
ECS-60T

MilAIR



/ 60,000 Btu/h
(17.6 kW)

Cooling Capacity

/ 125 °F
(51.7 °C)

Design Ambient Cooling

/ 40 °F
(4.4 °C)

Minimum Ambient Cooling

These units have been designed and tested for use on shelters, vans, and trailers that are subject to demanding transport and environmental conditions. All systems can be modified to meet your specific requirements.

MilAIR's standard product line of unitary ducted systems provide complete environmental control including cooling, heating, ventilation, dehumidification, and filtering.

Please contact sales@milairinc.com
for additional information and options.

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Standard Features

- Sealed Motors
- Refrigerant Access Valves
- Lifting Rings
- Fork Pockets
- Remote Control Cable (30 ft.)
- Power Cable (25 ft.)
- Supply/Return Flex Ducts, 16" Dia. x 10 ft. long
- Washable Metal Return & Fresh Air Filter
- Refrigerant Sight Glass
- Hot Gas Bypass (HGB)
- Hour Meter

Options

- Finish to Specification
- Phase Monitor
- Coil Corrosion Protection

Characteristics

Refrigerant	R407c
Compressor	Hermetic Scroll Type
Evaporator Coil	Alum. Fin/Copper Tube
Condenser Coil	Alum. Micro-Channel
Circulating Fan	Motorized Impeller
Condenser Fan	Propeller
Size (L x W x H)	50.00" x 44.00" x 46.00" 127.0 cm x 111.8 cm x 116.8 cm
Frame & Panels	Aluminum
Weight	570 lbs. (258.5 kg)
Remote Control Panel	Cool/Vent/Off/Heat Thermostat Temp Control Fault Indicator

Performance

Cooling Capacity	60,000 Btu/h (17.6 kW)
Design Ambient Cooling	125 °F (51.7 °C)
Minimum Ambient Cooling	40 °F (4.4 °C)
Total Heating Capacity	33,000 Btu/hr (9.7 kW)
Minimum Ambient Heating	-50 °F (-45.6 °C)
Supply Air Flow Rate	2200 CFM (62.3 CMM)
Evaporator Static Pressure	2.0 Inch Water
Fresh Air Flow Rate	0 - 400 CFM (11.3 CMM)

Electrical

Input Voltage	208 VAC
Number of Phases	3Φ
Frequency	60 Hz
Max Power Consumption	11.5 kW
Wires	3-Wire + GND

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