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## Environmental Control System Model ECS-60T

### Performance

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

### Characteristics

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

### Electrical

Input Voltage: 208 VAC	Max Power Consumption: 11.5 kW
Number of Phases: 3Φ	Wires: 5-Wire
Frequency: 60 Hz	

### 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
- Soft Start

### Specification Compliance

- ASHRAE 34 Designation and Classification of Refrigerant
- ASHRAE 37 Testing for Rating Unitary Air Conditioning
- MIL-DTL-53072 Chemical Agent Resistant Coating System
- MIL-F-14072 Finishes for Ground Based Electronic Equip.
- MIL-HDBK-1791 Design for Internal Aerial Delivery
- MIL-STD-130K Identification Marking of Military Prop.
- MIL-STD-461E Control of Electromagnetic Interference
- MIL-STD-810F (Air, Land, Rail and Sea Transportation)
- NFPA 70 National Electric Code

### Options

- Finish to Specification
- Phase Monitor
- Coil Corrosion Protection (MIL-DTL-5541 Conversion Coating, Heresite, or Electrofin)

Please contact [sales@milairinc.com](mailto:sales@milairinc.com) for additional options and interface control drawing