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Environmental Control System Model ECS-60V (192B)

Performance

Cooling Capacity: 57,300 Btu/h (16.8 kW) Design Ambient Cooling: 122°F (50°C) Minimum Ambient Cooling: 40° F (4.4°C) Design Return Air Temperature: 95°F (35°C) db	Total Heating Capacity: 64,000 Btu/hr (18.8 kW) Minimum Ambient Heating: -40°F (-40°C) Supply Air Flow Rate: 2000 CFM (56.6 CMM) GPFU Air Flow Rate: 400 CFM (11.3 CMM)
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Characteristics

Refrigerant: HFC-134a Compressor: Hermetic Scroll Type Evaporator Coil: Alum. Fin/Copper Tube Condenser Coil: Alum. Micro-Channel Circulating Fan: Centrifugal Condenser Fan: Propeller	Size (L x W x H): 45.0" x 48.0" x 96.0" 114.3 cm x 121.9 cm x 243.8 cm Frame & Panels: Aluminum Weight: 1,223 lbs. (554.7 kg) Remote Control Panel: Cool/Vent/Off/Heat Thermostat Temp Control GPFU Control
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Electrical

Input Voltage: 480 VAC Number of Phases: 3Φ Frequency: 60 Hz	Max Power Draw: 25.9 kW (Heat) Wires: 4-Wire Control Power: 24 VAC – 1Φ– 60 Hz
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Standard Features

- Sealed Motors
- Gas Particulate Filter Unit (GPFU)
- Insulated Evaporator Cabinet
- Refrigerant Access Valves
- Hour Meter
- Refrigerant Sight Glass
- Hot Gas Bypass (HGB)
- Fork Pockets
- Lift Rings
- Bottom ISO Twistloc Aperture Plates

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

Please contact sales@milairinc.com for additional options and interface control drawing