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## Vertical 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: 3-Wire + GND Control Power: 24 VAC – 1Φ– 60 Hz
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### Standard Features

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| <ul style="list-style-type: none"> <li>Sealed Motors</li> <li>Gas Particulate Filter Unit (GPFU)</li> <li>Insulated Evaporator Cabinet</li> <li>Refrigerant Access Valves</li> <li>Hour Meter</li> </ul> | <ul style="list-style-type: none"> <li>Refrigerant Sight Glass</li> <li>Hot Gas Bypass (HGB)</li> <li>Fork Pockets</li> <li>Lift Rings</li> <li>Bottom ISO Twistloc Aperture Plates</li> </ul> |
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### Specification Compliance

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| <ul style="list-style-type: none"> <li>ASHRAE 34 Designation and Classification of Refrigerant</li> <li>ASHRAE 37 Testing for Rating Unitary Air Conditioning</li> <li>MIL-DTL-53072 Chemical Agent Resistant Coating System</li> <li>MIL-F-14072 Finishes for Ground Based Electronic Equip.</li> <li>MIL-HDBK-1791 Design for Internal Aerial Delivery</li> </ul> | <ul style="list-style-type: none"> <li>MIL-STD-130K Identification Marking of Military Prop.</li> <li>MIL-STD-461E Control of Electromagnetic Interference</li> <li>MIL-STD-810F (Air, Land, Rail and Sea Transportation)</li> <li>NFPA 70 National Electric Code</li> </ul> |
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### Options

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| <ul style="list-style-type: none"> <li>Finish to Specification</li> <li>Control Unit to Specification</li> </ul> | <ul style="list-style-type: none"> <li>Phase Monitor</li> <li>Electrofin® Coil Corrosion Protection</li> </ul> |
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Please contact [sales@milairinc.com](mailto:sales@milairinc.com) for additional information and options.