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Dual Environmental Control System Model ECS-68D (1359)

Performance

Total Cooling Capacity: 68,000 Btu/h (19.9 kW) Design Ambient Cooling: 122°F (50°C) Minimum Ambient Cooling: 32° F (0°C) Design Return Air Temperature: 80° F (26.7° C) db Total Heating Capacity: 40,000 Btu/hr (11.7 kW) Minimum Ambient Heating: -20°F (-28.9° C)	Supply Air Flow Rate: 2,000 CFM (High Speed) 1,600 CFM (Med. Speed) 1,100 CFM (Low Speed) Evaporator Static Pressure: 1.5" H ₂ O @ 1,600 CFM Fresh Air Flow Rate: 40 CFM (1.13 CMM)
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Characteristics

Refrigerant: R407c 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): 54.0" x 36.0" x 69.0" 137.2 cm x 91.4 cm x 175.3 cm	Frame & Panels: Aluminum Weight: 811 lbs. (367.9 kg) Remote Control Panel: Unit Select (Unit A & Unit B) Cool/Vent/Off/Heat Thermostat Temp Control Three Speed Blower Control Fault Indicators
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Electrical

Input Voltage: 208 VAC Number of Phases: 3Φ Frequency: 60 Hz	Max Power Draw: 15.5 kW (Cooling Mode) Wires: 5-Wire Control Power: 120 VAC - 1Φ - 60 Hz
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Standard Features

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| <ul style="list-style-type: none"> • Bottom Supply Air Discharge • Sealed Motors • Insulated Evaporator Cabinet • Lifting Eyes • Washable Metal Return Air Filter | <ul style="list-style-type: none"> • Three Speed Blower • Refrigerant Access Valves • Refrigerant Sight Glass • Hot Gas Bypass (HGB) • Hour Meters |
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Specification Compliance

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| <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 |
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Options

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| <ul style="list-style-type: none"> • Finish to Specification • Control Unit to Specification • Phase Monitor | <ul style="list-style-type: none"> • Coil Corrosion Protection (MIL-DTL-5541 Conversion Coating, Heresite, or Electrofin) |
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Please contact sales@milairinc.com for additional options and interface control drawing