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Environmental Control System Model ECS-24H (104)

Performance

Cooling Capacity (50 Hz): 22,800 Btu/h (6.7 kW) Cooling Capacity (60 Hz): 24,000 Btu/h (7.0 kW) Design Ambient Cooling: 125°F (51.7° C) Minimum Ambient Cooling: -26° F (-32° C) Design Return Air Temperature: 85°F (29.4° C) db 69.5°F (20.8 C) WB	Total Heating Capacity: 17,075 Btu/hr (5.0 kW) Minimum Ambient Heating: -40°F (-40 C) Supply Air Flow Rate: 1200 CFM (34 CMM) Evaporator Static Pressure: .50 Inch Water Fresh Air Flow Rate: 30 CFM (.85 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: Motorized Centrifugal	Condenser Fan: Propeller Size (L x W x H): 28.00" x 36.00" x 26.00" 71.1 cm x 91.5 cm x 66.0 cm Weight: 270 lbs. (123 kg) Remote Control Panel: Cool/Vent/Off/Heat Thermostat Temp Control
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Electrical

Input Voltage: 208 VAC Number of Phases: 3Φ Frequency: 50/60 Hz	Max Power Draw: 5.6 kW (cooling 60 Hz) Wires: 4-Wire Control Power: 28 VDC
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Standard Features

- Sealed Motors
- Washable Metal Return Air Filter
- Refrigerant Access Valves
- Hour Meter
- Soft Start
- Refrigerant Sight Glass
- Hot Gas Bypass (HGB)
- All Aluminum Construction
- Transit Cover

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
- Coil Corrosion Protection (MIL-DTL-5541 Conversion Coating, Heresite, or Electrofin)

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