



20844 Harper Avenue, Suite 300
 Harper Woods, MI 48225
 Phone: 513-576-0123
 www.milairinc.com

Environmental Control System Model ECS-12H (101)

Performance

Cooling Capacity: 12,000 Btu/hr (3.5 kW) Design Ambient Cooling: 120°F (48.9°C) Minimum Ambient Cooling: 0°F (-18°C) Design Return Air Temperature: 80°F (26.7°C) db 67°F (19.4°C) wb	Heating Capacity: 13,185 Btu/hr (3.9 kW) Minimum Ambient Heating: -40°F (-40°C) Supply Air Flow Rate: 800 CFM (22.7 CMM) Evaporator Static Pressure: 1.00 Inch Water Fresh Air Flow Rate: (30 CFM Optional)
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Characteristics

Refrigerant: R134a Compressor: Hermetic Scroll Type Evaporator Coil: Alum. Fin/Copper Tube Condenser Coil: Alum. Micro-Channel Circulating Fan: Motorized Impeller Condenser Fan: Motorized Impeller	Size (L x W x H): 28.0" x 30.0" x 20.5" 71.1 cm x 76.2 cm x 52.1 cm Weight: 215 lbs. (97.5 kg) Local Control Panel: Vent/Off/Auto Thermostat Temp Control
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Electrical

Input Voltage: 208 VAC Number of Phases: 3Φ Frequency: 60 Hz	Max Power Draw: 3.9 kW (Heat) Wires: 4-Wire Control Power: 24 VAC - 3Φ - 60 Hz
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Standard Features

- Sealed Motors
- Washable Metal Return Air Filter
- Refrigerant Access Valves
- External Circuit Breaker Control
- Refrigerant Sight Glass
- Hot Gas Bypass (HGB)
- All Aluminum Construction
- Digital Temperature Display

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

- Hour Meter
- Finish to Specification
- Transit Cover
- Coil Corrosion Protection (MIL-DTL-5541 Conversion Coating, Heresite, or Electrofin)
- Remote Control Panel

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