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Environmental Control System Model ECS-26S (230)

Performance

Cooling Capacity (60 Hz): 26,000 Btu/h (7.6 kW)	Total Heating Capacity: 11,950 Btu/hr (3.5 kW)
Design Ambient Cooling: 120°F (48.9°C)	Minimum Ambient Heating: -50°F (-58°C)
Minimum Ambient Cooling: 0° F (-18°C)	Supply Air Flow Rate: 700 CFM (19.8 CMM)
Design Return Air Temperature: 90° F (32°C) db	Evaporator Static Pressure: Free Air Discharge

Characteristics

Refrigerant: R407C	Cond. Size (L x W x H): 30" x 23" x 20"
Compressor: Hermetic Scroll Type	76.2 cm x 58.4 cm x 50.8 cm
Evaporator Coil: Alum. Fin/Copper Tube	Evap. Size (L x W x H): 22" x 18" x 18"
Condenser Coil: Alum. Micro-Channel	55.9 cm x 45.7 cm x 45.7 cm
Circulating Fan: Centrifugal	Condenser Weight: 165 lbs. (74.8 kg)
Condenser Fan: Propeller	Evaporator Weight: 65 lbs. (39.5 kg)

Electrical

Input Voltage: 208	Max Power Draw: 4.0 kW (Heat)
Number of Phases: 3Φ	Wires: 5-Wire
Frequency: 50/60 Hz	Control Power: 120 VAC

Standard Features

- Sealed Motors
- Washable Metal Return Air Filter
- Evaporator/Condenser Interconnect Power Cable
- Pre-charged Interconnect fluid lines
- Refrigerant Access Valves
- Refrigerant Sight Glass
- Soft Start
- All Aluminum Construction

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