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Environmental Control System Model ECS-09TC (P/N 1865)

Performance

Cooling Capacity: 9,200 Btu/h @ 50Hz	Supply Air Flow Rate: 275 CFM (8.49 CMM)
Design Ambient Cooling: 104° F (40° C)	Heating Capacity: 3,400 Btu/hr (1.0 kW)
Maximum Ambient Cooling: 125° F (52° C)	Minimum Ambient Heating: 25° F (-4° C)
Design Return Air Temperature: 85° F (29.4° C) db	Evaporator Static Pressure: 1.50 Inch Water

Characteristics

Refrigerant: R407c	Condenser Fan: Motorized Impeller
Compressor: Hermetic Rotary Type	Size (L x W x H): 19.0" x 33.0" x 19.3"
Evaporator Coil: Alum. Fin/Copper Tube	48.3 cm x 83.8 cm x 49.0 cm
Condenser Coil: Alum. Micro-Channel	Frame & Panels: Aluminum
Circulating Fan: Motorized Impeller	System Weight: 110 lbs. (49.9 kg)

Electrical

Input Voltage: 230 VAC	Max Power Draw: 2.0 kW
Number of Phases: 1Φ	Wires: 3-Wire
Frequency: 50/60 Hz	Power Input Connector: Phoenix Contact P/N 1618407

Standard Features

- Sealed Motors
- Washable Metal Return Air Filter
- Refrigerant Access Valves
- 19 Inch Rackmount Installation
- Refrigerant Sight Glass
- Condensation Drain Kit
- Removable Y-Duct Adapter

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
- Electrical Safety Standard AS/NZS 60335.2.40:2015

Options

- Finish to Specification
- Coil Corrosion Protection (MIL-DTL-5541 Conversion Coating, Heresite, or Electrofin)
- Power Cord
- Insulated Supply/Return Ducts

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