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## Environmental Control System Model ECS-09TC (1513)

### 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: 1,706 Btu/hr (.5 kW)
Maximum Ambient Cooling: 130° F (55° C)	Minimum Ambient Heating: -40° F (-40° 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): 17.50" x 27.00" x 19.25"
Evaporator Coil: Alum. Fin/Copper Tube	44.5 cm x 68.6 cm x 48.9 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: MS3102R20-3P

### Standard Features

- Sealed Motors
- Washable Metal Return Air Filter
- Power Cord, 10 Ft.
- Insulated Supply/Return Ducts, 6" Dia. x 6 ft. long
- Refrigerant Access Valves
- Refrigerant Sight Glass
- Condensation Drain Kit

### 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
- 19 Inch Rackmount Installation
- Y-Duct Adapter with Return Air Damper
- Coil Corrosion Protection (MIL-DTL-5541 Conversion Coating, Heresite, or Electrofin)

Please contact [sales@milairinc.com](mailto:sales@milairinc.com) for additional options and interface control drawing