



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

Environmental Control System Model ECS-06TC (419)

Performance

Cooling Capacity: 6,000 Btu/h (1.76 kW)	Supply Air Flow Rate: 250 CFM (7.08 CMM)
Design Ambient Cooling: 130°F (54.4°C)	Evaporator Static Pressure: 1.50 Inch Water
Design Return Air Temperature: 85° F (29.4°C) db	Fresh Air Flow Rate: 5 CFM (.14 CMM)

Characteristics

Refrigerant: R134a	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: 115 ±5 VAC	Max Power Draw: 1.6 kW
Number of Phases: 1Φ	Wires: 3-Wire
Frequency: 60 Hz	Power Input Connector: MS3102R20-3P

Standard Features

- Designed for 19 Inch Rackmount Case Installation
- 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
- 220 VAC Input Power
- Coil Corrosion Protection (MIL-DTL-5541 Conversion Coating, Heresite, or Electrofin)

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