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## DUCTED ENVIRONMENTAL CONTROL SYSTEM MODEL ECS-08TC (2018)

### Performance

Cooling Capacity:	7,500 Btu/h @ 50Hz	Supply Air Flow Rate:	275 CFM (8.49 CMM)
Design Ambient Cooling:	130° F (54.4° C)	Heating Capacity:	5,800 Btu/hr. (1.7 kW)
Maximum Ambient Cooling:	130° F (54.4° C)	Minimum Ambient Heating:	-40° F (-40° C)
Minimum Ambient Cooling:	40° F (4.4° C)	Evaporator Static Pressure:	1.2 Inch Water
Design Return Air Temperature:	85° F (29.4° C) db		

### Characteristics

Refrigerant	R407c	Condenser Fan:	Motorized Impeller
Compressor	Hermetic Rotary Type	Size (L x W x H):	29.2" x 21.5" x 19.6"
Evaporator Coil:	Alum. Fin/Copper Tube		74.2 cm x 54.6 cm x 49.8 cm
Condenser Coil:	Alum. Micro-Channel	Frame & Panels:	Aluminum
Circulating Fan:	Motorized Impeller	System Weight:	116 lbs. (52.6 kg)

### Electrical

Input Voltage:	230 VAC	Max Power Draw:	2.0 kW
Number of Phases:	1Φ	Wires:	2-Wire + GND
Frequency:	50/60 Hz		

### Standard Features

- Sealed Motors
- Washable Metal Return Air Filter
- Refrigerant Access Valves
- Refrigerant Sight Glass
- Condensation Drain Kit
- 6 Inch Supply/Return Air Duct Interface
- Condenser Coil Corrosion Protection

### 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-STD-130K Identification Marking of Military Prop.
- MIL-STD-810F (Air, Land, Rail and Sea Transportation)
- NFPA 70 National Electric Code
- MIL-HDBK-1791 Design for Internal Aerial Delivery

### Options

- Finish to Specification
- Ground Support Hand Cart
- Power Cord
- Insulated Supply/Return Ducts

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