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DUCTED ENVIRONMENTAL CONTROL SYSTEM

MODEL ECS-36T

Performance

Cooling Capacity:	36,000Btu/h (10.6 kW)	Minimum Ambient Heating:	-50°F (-45.6°C)
Design Ambient Cooling:	125°F (51.7°C)	Supply Air Flow Rate:	1300 CFM (36.8 CMM)
Minimum Ambient Cooling:	40° F (4.4°C)	Evaporator Static Pressure:	2.0 Inch Water
Total Heating Capacity	25,500 Btu/hr (7.5 kW)	Fresh Air Flow Rate:	0 - 325 CFM (9.2 CMM)

Characteristics

Refrigerant	R407c	Size (L x W x H):	43.00" x 34.00" x 38.00"
Compressor	Hermetic Scroll Type		109.2 cm x 86.4 cm x 96.5 cm
Evaporator Coil:	Alum. Fin/Copper Tube	Frame & Panels:	Aluminum
Condenser Coil:	Alum. Micro-Channel	Weight:	450 lbs. (204 kg)
Circulating Fan:	Motorized Impeller	Remote Control Panel:	Cool/Vent/Off/Heat
Condenser Fan:	Propeller		Thermostat Temp Control
			Fault Indicator

Electrical

Input Voltage:	208 VAC	Max Power Consumption:	9.5 kW
Number of Phases:	3Φ	Wires:	3-Wire + GND
Frequency:	60 Hz		

Standard Features

- Sealed Motors
- Refrigerant Access Valves
- Lifting Rings
- Fork Pockets
- Man-Lift Transport Handles
- Remote Control Cable (40 ft.)
- Power Cable (25 ft.)
- Supply/Return Flex Ducts, 12" Dia. x 15 ft. long
- Washable Metal Return & Fresh Air Filter
- Refrigerant Sight Glass
- Hot Gas Bypass (HGB)
- Hour Meter

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-810F (Air, Land, Rail and Sea Transportation)
- NFPA 70 National Electric Code

Options

- Finish to Specification
- Phase Monitor
- Electrofin® Coil Corrosion Protection

Please contact sales@milairinc.com for additional information and options.