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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: 4-Wire
Frequency: 60 Hz	

Standard Features

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| <ul style="list-style-type: none"> • Sealed Motors • Refrigerant Access Valves • Lifting Rings • Fork Pockets • Man-Lift Transport Handles • Remote Control Cable (40 ft.) | <ul style="list-style-type: none"> • 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 |
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Specification Compliance

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| <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 |
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Options

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| <ul style="list-style-type: none"> • Finish to Specification • Phase Monitor | <ul style="list-style-type: none"> • Coil Corrosion Protection (MIL-DTL-5541 Conversion Coating, Heresite, or Electrofin) |
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Please contact sales@milairinc.com for additional options and interface control drawing