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Cart Mounted Environmental Control System Model ECS-20T (2330)

Performance

Cooling Capacity:	20,000Btu/h (5.9 kW)	Total Heating Capacity	20,478 Btu/hr (6.0 kW)
Design Ambient Cooling:	122°F (50°C)	Minimum Ambient Heating:	-40°F (-40°C)
Minimum Ambient Cooling:	50° F (10°C)	Supply Air Flow Rate:	800 CFM (22.7 CMM)
Design Return Air Temperature:	90° F (32.2°C) db	Evaporator Static Pressure:	.25 Inch Water

Characteristics

Refrigerant	R407c	Size (L x W x H):	41.6" x 36.1" x 36.5"
Compressor	Hermetic Scroll Type		105.7 cm x 91.7 cm x 92.7 cm
Evaporator Coil:	Alum. Fin/Copper Tube	Frame & Panels:	Aluminum
Condenser Coil:	Alum. Micro-Channel	Weight:	270 lbs. (122.5 kg)
Circulating Fan:	Motorized Impeller	Remote Control Panel:	Cool/Vent/Off/Heat
Condenser Fan:	Propeller		Thermostat Temp Control

Electrical

Input Voltage:	120/240 VAC	Max Power Consumption:	6.5 kW (Heat)
Number of Phases:	1Φ	Wires:	3-Wire + GND
Frequency:	60 Hz	Control Power:	120 VAC - 1Φ – 60 Hz

Standard Features

- Sealed Motors
- Refrigerant Access Valves
- 8" Dia. Pneumatic Wheels
- Retractable Lift Handles (4)
- 10" Dia. Supply/Return Air Duct Interface
- Washable Metal Return Air Filter
- Refrigerant Sight Glass
- Refrigerant Access Valves
- Lift Rings (4)
- All Aluminum Construction

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
- Remote Backdraft Damper for Dual Systems
- Power Cable
- 10" Dia. Insulated Flexible Ducts
- Electrofin® Coil Corrosion Protection
- Two Stage Remote Controller for Dual Systems
- Remote Control Cable
- Fixed Base Mount

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