



44215 Phoenix Drive  
Sterling Heights, Michigan 48314  
Phone: (586) 737-2100  
www.milairinc.com

## Top-Mounted Environmental Control System Model ECS-04H (1930)

### Performance

Cooling Capacity (60 Hz):	4,305 Btu/h (1.3 kW)	Design Return Air Temperature:	80°F (26.7 °C) db
Design Ambient Cooling:	120°F (48.9° C)	Supply Air Flow Rate:	200 CFM (5.7 CMM)
Minimum Ambient Cooling:	35° F (1.7° C)	Evaporator Static Pressure:	.157 Inch Water

### Characteristics

Refrigerant	R134a	Frame & Panels:	Aluminum
Compressor	Brushless DC, Variable Speed	Weight:	115 lbs. (52.2 kg)
Evaporator Coil:	Alum. Fin/Copper Tube	Control Panel:	Touchscreen Interface with Logic Controller
Condenser Coil:	Alum. Fin/Copper Tube	Operating Ambient:	35 °F (1.7 °C) to 120 °F (48.9 °C)
Circulating Fan:	Motorized Impeller	Storage:	-4 °F (-20 °C) to 131 °F (55 °C)
Condenser Fan:	Axial Fan, Variable Speed	Altitude:	11,750 ft. (3.6 km)
Size (L x W x H):	40.0" x 28.8" x 15.3" 101.6 cm x 73.2 cm x 38.9 cm	Orientation:	±20° (any axis from vertical)

### Electrical

Input Voltage:	120/208 VAC	Max Power Draw:	1.3 kW
Number of Phases:	3Φ	Wires:	4-Wire + GND
Frequency:	60 Hz	Control Power:	24 VDC

### Standard Features

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| <ul style="list-style-type: none"> <li>• Color Touch Screen HMI</li> <li>• Fault Monitoring and Alarms</li> <li>• Operating/Alarm Indicator lights</li> <li>• Remote Control/Monitoring by Ethernet</li> <li>• Low Ambient Capacity Control</li> <li>• Push Button Mode Control</li> <li>• ElectroFin® Coated Coils</li> <li>• Bottom Supply/Return Air Openings</li> </ul> | <ul style="list-style-type: none"> <li>• Condensate Level Alarm</li> <li>• Supply/Return and Evaporator Coil Temp. Monitoring</li> <li>• Internal 24V/48V DC Power Supply</li> <li>• Low/High Pressure Transducers</li> <li>• Front Mounted Disconnect Circuit Breaker</li> <li>• Main Power Receptacle, D38999/42FD05PN</li> <li>• Ethernet Receptacle (based on MIL-DTL-26482)</li> <li>• Interface Environmental Gasket</li> </ul> |
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### Specification Compliance

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| <ul style="list-style-type: none"> <li>• ASHRAE 34 Designation and Classification of Refrigerant</li> <li>• ASHRAE 37 Testing for Rating Unitary Air Conditioning</li> <li>• MIL-HDBK-1791 Design for Internal Aerial Delivery</li> <li>• MIL-STD-130K Identification Marking of Military Prop.</li> </ul> | <ul style="list-style-type: none"> <li>• MIL-STD-461E Control of Electromagnetic Interference</li> <li>• MIL-STD-810H, Method 5.6, Rain/Blowing Rain (adapted)</li> <li>• MIL-STD-810H, Method 520.5, Temp/Altitude (adapted)</li> <li>• NFPA 70 National Electric Code</li> </ul> |
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### Options

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| <ul style="list-style-type: none"> <li>• Finish to Specification</li> </ul> | <ul style="list-style-type: none"> <li>• Transport Cover</li> </ul> |
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Please contact [sales@milairinc.com](mailto:sales@milairinc.com) for additional information and options.