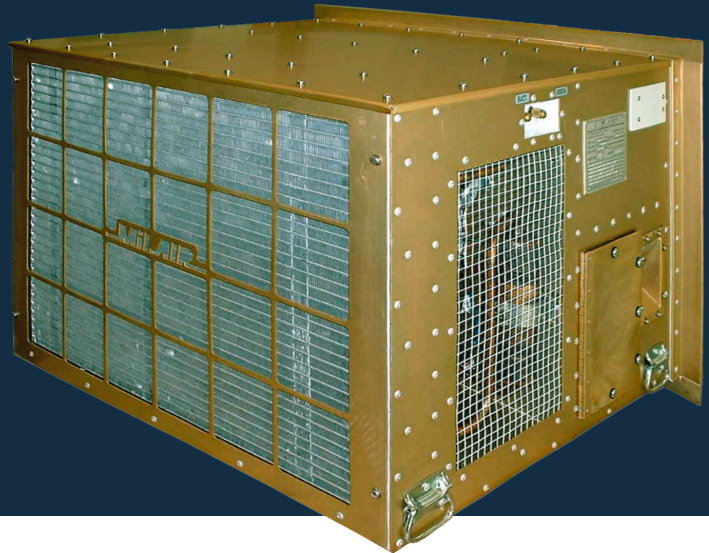


ENVIRONMENTAL CONTROL SYSTEM

Horizontal environmental control system

/ Model
ECS-12H (101)

MilAIR



/ 12,000 Btu/hr
(3.5 kW)

Cooling Capacity

/ 120 °F
(48.9 °C)

Design Ambient Cooling

/ 0 °F
(-18 °C)

Minimum Ambient Cooling

These units have been designed and tested for use on shelters, vans, and trailers that are subject to demanding transport and environmental conditions. All systems can be modified to meet your specific requirements.

MilAIR's standard product line of unitary externally mounted horizontal systems provide complete environmental control including cooling, heating, ventilation, dehumidification, and filtering.

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

Horizontal environmental control system

/ Model
ECS-12H (101)



Standard Features

- Sealed Motors
- Washable Metal Return Air Filter
- Refrigerant Access Valves
- External Circuit Breaker Control
- Refrigerant Sight Glass
- Hot Gas Bypass (HGB)
- All Aluminum Construction
- Digital Temperature Display

Options

- Hour Meter
- Finish to Specification
- Transit Cover
- Coil Corrosion Protection
- Remote Control Panel

Characteristics

Refrigerant	R134a
Compressor	Hermetic Scroll Type
Evaporator Coil	Alum. Fin/Copper Tube
Condenser Coil	Alum. Micro-Channel
Circulating Fan	Motorized Impeller
Condenser Fan	Motorized Impeller
Size (L x W x H)	28.0" x 30.0" x 20.5" 71.1 cm x 76.2 cm x 52.1 cm
Weight	215 lbs. (97.5 kg)
Local Control Panel	Vent/Off/Auto Thermostat Temp Control

Performance

Cooling Capacity	12,000 Btu/hr (3.5 kW)
Design Ambient Cooling	120 °F (48.9 °C)
Minimum Ambient Cooling	0 °F (-18 °C)
Design Return Air Temperature	80 °F (26.7 °C) db 67 °F (19.4 °C) wb
Heating Capacity	13,185 Btu/hr (3.9 kW)
Minimum Ambient Heating	-40 °F (-40 °C)
Supply Air Flow Rate	800 CFM (22.7 CMM)
Evaporator Static Pressure	1.00 Inch Water
Fresh Air Flow Rate	30 CFM Optional

Electrical

Input Voltage	208 VAC
Number of Phases	3Φ
Frequency	60 Hz
Max Power Draw	3.9 kW (Heat)
Wires	3-Wire + GND
Control Power	24 VAC – 3Φ – 60 Hz

Trusted Partner.

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