

ENVIRONMENTAL CONTROL SYSTEM

Horizontal environmental control system

/ Model
ECS-24H (104)

MilAIR



/ 24,000 Btu/h
(7.0 kW)

Cooling Capacity

/ 125 °F
(51.7 °C)

Design Ambient Cooling

/ -26 °F
(-32 °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-24H (104)



Standard Features

- Sealed Motors
- Washable Metal Return Air Filter
- Refrigerant Access Valves
- Hour Meter
- Soft Start
- Refrigerant Sight Glass
- Hot Gas Bypass (HGB)
- All Aluminum Construction
- Variable Frequency Drive

Options

- Finish to Specification
- Coil Corrosion Protection

Characteristics

Refrigerant	R407c
Compressor	Hermetic Scroll Type
Evaporator Coil	Alum. Fin/Copper Tube
Condenser Coil	Alum. Micro-Channel
Circulating Fan	Motorized Impeller
Condenser Fan	Propeller
Size (L x W x H)	28.00" x 36.00" x 26.00" 71.1 cm x 91.5 cm x 66.0 cm
Weight	270 lbs. (123 kg)
Remote Control Panel	Cool/Vent/Off/Heat Thermostat Temp Control

Performance

Cooling Capacity	24,000 Btu/h (7.0 kW)
Design Ambient Cooling	125 °F (51.7 °C)
Minimum Ambient Cooling	-26 °F (-32 °C)
Design Return Air Temperature	85 °F (29.4 °C) db 69.5 °F (20.8 °C) WB
Total Heating Capacity	17,075 Btu/hr (5.0 kW)
Minimum Ambient Heating	-40 °F (-40 °C)
Supply Air Flow Rate	1200 CFM (34 CMM)
Evaporator Static Pressure	.50 Inch Water
Fresh Air Flow Rate	30 CFM (.85 CMM)

Electrical

Input Voltage	208 VAC
Number of Phases	3Φ
Frequency	50/60 Hz
Max Power Draw	5.6 kW (cooling 60 Hz)
Wires	3-Wire + GND
Control Power	28 VDC

Trusted Partner.

Horstman United States

44215 Phoenix Drive,
Sterling Heights, MI 48314

P +1 (586) 737-2100
E sales@milairinc.com

Details provided about the properties and usability of the products are purely for information purposes and do not constitute a guarantee of these characteristics. The extent of goods delivered is determined by the subject matter of the specific contract. No liability accepted for errors or omissions. Subject to technical alterations. © HORSTMAN 2023