

## ENVIRONMENTAL CONTROL SYSTEM

# Horizontal environmental control system

/ Model  
ECS-24H (1058)

**MilAIR**



/ 22,000 Btu/h  
(6.4 kW)

Cooling Capacity (50 Hz)

/ 24,500 Btu/h  
(7.2 kW)

Cooling Capacity (60 Hz)

/ 131 °F  
(55 °C)

Design 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](mailto:sales@milairinc.com)  
for additional information and options.

# Horizontal environmental control system

/ Model  
**ECS-24H (1058)**



### Standard Features

- Sealed Motors
- Washable Metal Return Air Filter
- Refrigerant Access Valves
- Refrigerant Sight Glass
- Hot Gas Bypass (HGB)
- All Aluminum Construction
- Transit Cover

### Options

- Finish to Specification
- Hour Meter
- 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)	36.00" x 40.00" x 22.06" 91.5 cm x 101.6 cm x 56.0 cm
Weight	365 lbs. (165.6 kg)
Remote Control Panel	Cool/Vent/Off/Heat Thermostat Temp Control

### Performance

Cooling Capacity (50 Hz)	22,000 Btu/h (6.4 kW)
Cooling Capacity (60 Hz)	24,500 Btu/h (7.2 kW)
Design Ambient Cooling	131 °F (55 °C)
Minimum Ambient Cooling	40 °F (4.4 °C)
Design Return Air Temperature	88 °F (31.1 °C) db
Total Heating Capacity	13,649 Btu/hr (4.0 kW)
Minimum Ambient Heating	-4 °F (-20 °C)
Supply Air Flow Rate	800 CFM (22.7 CMM)
Evaporator Static Pressure	.75 Inch Water
Fresh Air Flow Rate	40 CFM (1.13 CMM)

### Electrical

Input Voltage	230 VAC
Number of Phases	1Φ
Frequency	50/60 Hz
Max Power Draw	5.0 kW (50 Hz)
Wires	2-Wire + GND
Control Power	120 VAC

### Trusted Partner.

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