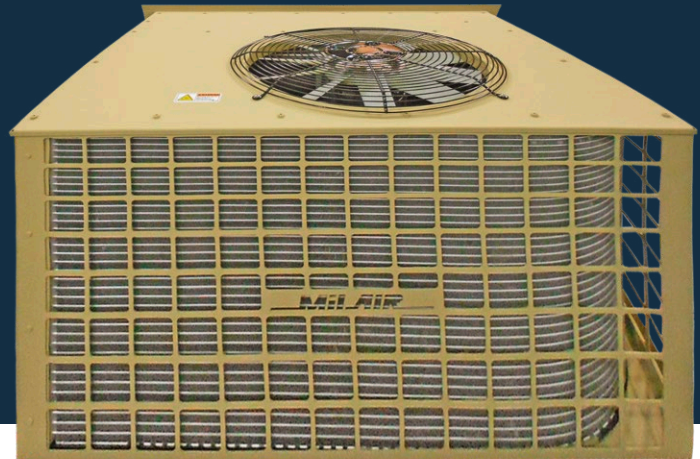


ENVIRONMENTAL CONTROL SYSTEM

Horizontal environmental control system

/ Model
ECS-36H (424)

MilAIR



/ 36,000 Btu/h
(10.6 kW)

Cooling Capacity (60 Hz)

/ 131 °F
(55 °C)

Design Ambient Cooling

/ 0 °F
(-18 °C)

Minimum Ambient Cooling

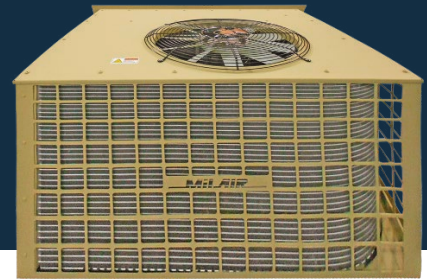
These units have been designed and tested for use on shelters, vans, and trailers that are subject to demanding transport and environmental conditions. All systems can be modified to meet your specific requirements.

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-36H (424)



Standard Features

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

Options

- Hour Meter
- 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) | 36.00" x 40.00" x 22.06" 91.5 cm x 101.6 cm x 56.0 cm |
| Frame & Panels | Aluminum |
| Weight | 365 lbs. (166 kg) |
| Control Panel | Cool/Vent/Off/Heat Thermostat Temp Control |

Performance

| | |
|-------------------------------|------------------------|
| Cooling Capacity (60 Hz) | 36,000 Btu/h (10.6 kW) |
| Design Ambient Cooling | 131 °F (55 °C) |
| Minimum Ambient Cooling | 0 °F (-18 °C) |
| Design Return Air Temperature | 90 °F (32.2 °C) db |
| Relative Humidity | 70% RH (Max) |
| Total Heating Capacity | 13,649 Btu/hr (4.0 kW) |
| Minimum Ambient Heating | -40 °F (-40 °C) |
| Supply Air Flow Rate | 1200 CFM (34 CMM) |
| Evaporator Static Pressure | .25 Inch Water |
| Fresh Air Flow Rate | 40 CFM (1.1 CMM) |

Electrical

| | |
|------------------|-----------------------|
| Input Voltage | 230 VAC |
| Number of Phases | 1Φ |
| Frequency | 50/60 Hz |
| Max Power Draw | 7.7 kW (Cooling) |
| Wires | 2-Wire + GND |
| Control Power | 230 VAC & 15 Volt VDC |

Trusted Partner.

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