# Transit Case Environmental Control System
## Model ECS-04TC (337)

## Performance

| | | | |
|---|---|---|---|
| Cooling Capacity (60 Hz): | 4,200 Btu/h (1.24 kW) | Total Heating Capacity: | 1,705 Btu/h (.5 kW) |
| Cooling Capacity (50 Hz): | 3,500 Btu/h (1.03 kW) | Supply Air Flow Rate: | 200 CFM (5.7 CMM) |
| Design Ambient Cooling: | 125°F (51.7°C) | Evaporator Static Pressure: | Free Air Discharge |
| Design Return Air Temperature: | 90° F (32°C) db | Noise Level (Condenser): | 68 dB (A) @ 5 ft. |

## Characteristics

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|---|---|---|---|
| Refrigerant | R134a | Cond. Size (L x W x H): | 20.00" x 17.00" x 6.18" |
| Compressor | Hermetic Rotary Type | | 50.8 cm x 43.2 cm x 15.7 cm |
| Evaporator Coil: | Alum. Fin/Copper Tube | Evap. Size (L x W x H): | 29.00" x 17.50" x 4.00" |
| Condenser Coil: | Alum. Micro-Channel | (Rack Mounted 3RU) | 73.7 cm x 44.5 cm x 10.1 cm |
| Circulating Fan: | Motorized Impeller | System Weight: | 79 lbs. (36 kg) |
| Condenser Fan: | Motorized Impeller | | |

## Electrical

| | | | |
|---|---|---|---|
| Input Voltage: | 230 | Max Power Draw: | 630 Watts |
| Number of Phases: | 1Φ | Wires: | 2-Wire + GND |
| Frequency: | 50/60 Hz | | |

## Standard Features

- Sealed Motors
- Evaporator/Condenser Interconnect Power Cable
- Interconnect Fluid Lines
- Rack Mounted Evaporator (3RU)
- Refrigerant Access Valves
- Refrigerant Sight Glass
- All Aluminum Construction

## Specification Compliance

- ASHRAE 34 Designation and Classification of Refrigerant
- ASHRAE 37 Testing for Rating Unitary Air Conditioning
- MIL-DTL-53072 Chemical Agent Resistant Coating System
- MIL-F-14072 Finishes for Ground Based Electronic Equip.
- MIL-HDBK-1791 Design for Internal Aerial Delivery
- MIL-STD-130K Identification Marking of Military Prop.
- MIL-STD-810F (Air, Land, Rail and Sea Transportation)
- NFPA 70 National Electric Code

## Options

- Finish to Specification
- Aluminum Transit Rack Case (EMI Shielding Available)
- Electrofin® Coil Corrosion Protection
- Molded Plastic Transit Rack Case

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