

ENVIRONMENTAL CONTROL SYSTEM

Transit case environmental control system

/ Model
ECS-06TC (419)

MilAIR



/ 6,000 Btu/h
(1.76 kW)

Cooling Capacity

/ 130 °F
(54.4 °C)

Design Ambient Cooling

/ 85 °F
(29.4 °C) db

Design Return Air Temperature

All systems can be
modified to meet your
specific requirements.

MilAIR's standard product line of Transit Case Systems are specifically designed for cooling electronics packaged in cases and electronic enclosures. The vapor compression systems are available in split and ducted configurations, both providing a dust and moisture free environment.

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

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Standard Features

- Designed for 19 Inch Rackmount Case Installation
- Sealed Motors
- Washable Metal Return Air Filter
- Power Cord, 10 Ft.
- Insulated Supply/Return Ducts, 6" Dia. x 6 ft. long
- Refrigerant Access Valves
- Refrigerant Sight Glass
- Condensation Drain Kit

Options

- Finish to Specification
- 230 VAC Input Power
- Rack Mount Case
- Coil Corrosion Protection

Characteristics

Refrigerant	R134a
Compressor	Hermetic Rotary 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)	17.50" x 27.00" x 19.25" 44.5 cm x 68.6 cm x 48.9 cm
Frame & Panels	Aluminum
Weight	110 lbs. (49.9 kg)

Performance

Cooling Capacity	6,000 Btu/h (1.76 kW)
Design Ambient Cooling	130 °F (54.4 °C)
Design Return Air Temperature	85 °F (29.4 °C) db
Supply Air Flow Rate	250 CFM (7.08 CMM)
Evaporator Static Pressure	1.50 Inch Water
Fresh Air Flow Rate	5 CFM (.14 CMM)

Electrical

Input Voltage	115 ±5 VAC
Number of Phases	1Φ
Frequency	60 Hz
Max Power Draw	1.6 kW
Wires	2-Wire + GND
Power Input Connector	MS3102R20-3P

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