

ENVIRONMENTAL CONTROL SYSTEM

Transit case environmental control system

/ Model
ECS-09TC (1865)



/ 9,200 Btu/h
@ 50Hz

Cooling Capacity

/ 104 °F
(40 °C)

Design Ambient Cooling

/ 130 °F
(54.4 °C)

Maximum Ambient Cooling

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

- Sealed Motors
- Washable Metal Return Air Filter
- Refrigerant Access Valves
- 19 Inch Rackmount Installation
- Refrigerant Sight Glass
- Condensation Drain Kit
- 6 Inch Removable Y-Duct Adapter

Options

- Finish to Specification
- Condenser Coil Corrosion Protection
- Single Supply/Return Duct Adapter
- Power Cord
- Insulated Supply/Return Ducts
- 1.7 kW Heat Capacity

Characteristics

Refrigerant	R407c
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)	19.0" x 33.0" x 19.3" 48.3 cm x 83.8 cm x 49.0 cm
Frame & Panels	Aluminum
System Weight	110 lbs. (49.9 kg)

Performance

Cooling Capacity	9,200 Btu/h @ 50Hz
Design Ambient Cooling	104 °F (40 °C)
Maximum Ambient Cooling	130 °F (54.4 °C)
Minimum Ambient Cooling	40 °F (4.4 °C)
Design Return Air Temperature	85 °F (29.4 °C) db
Supply Air Flow Rate	275 CFM (8.49 CMM)
Heating Capacity	5,800 Btu/hr. (1.7 kW)
Minimum Ambient Heating	-40 °F (-40 °C)
Evaporator Static Pressure	1.2 Inch Water
Local Control Panel	Heat/Cool, Start Thermostat Temp Control Control Power C/B

Electrical

Input Voltage	230 VAC
Number of Phases	1Φ
Frequency	50/60 Hz
Max Power Draw	2.0 kW
Wires	2-Wire + GND

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