

Thermodule™ Cooling Modules

by



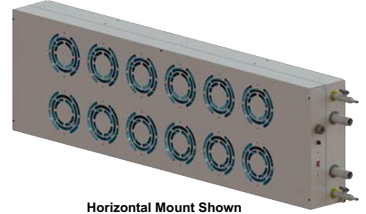
Product Information

TM-11



Horizontal Mount Shown

TM-39



Horizontal Mount Shown

Cooling Capacity (BTU/hr.) ¹
Coil
Input Power (Voltage, Amps)
Fan
Power Connection
Operating Conditions (°F)
Plumbing Connection
CoP
Product Configuration
Product Options
Pressure Rating (psi)
Exterior Dimensions (inches)
Wet Weight (lbs.)

11,000 (at 4.3 gpm)
2 Pass, Brazed Aluminum
120, 2.2
(9) 5", Variable Speed, AC Panel Fans
3', 3-Pronged Grounded Plug (5-15-P)
40°-104° Indoor Use Only
1", Male NPT
12.2
Horizontal / Vertical Mounting
Hot/Cold Aisle Duct, Vertical Mounting Kit, Condensate Management Option
25
60 L x 6 W x 8.5 D
70.0

39,000 (at 18 gpm)
2 Pass, Brazed Aluminum
120, 5.4
(12) 6", Variable Speed, AC Panel Fans
3', 3-Pronged Grounded Plug (5-15-P)
40°-104° Indoor Use Only
1", Male NPT
17.6
Horizontal / Vertical Mounting
Hot/Cold Aisle Duct, Vertical Mounting Kit, Condensate Management Option
25
60 L x 18 W x 7 D
97.0

1- Cooling Capacity with 90° F Inlet Air, 60° F Chilled Water Supply. Consult Engineering Data for Other Conditions.

Specifications

Electrical
Voltage (Volts)
Current Draw (Amps)
Total Power Consumption (Watts)
Plug and Cord Details
Fuse Protection
Recommended Breaker Size

120
2.2
264
3', 3-Pronged Grounded Plug (5-15-P)
5A Time Delayed
15A, 1P

120
5.4
648
3', 3-Pronged Grounded Plug (5-15-P)
10A Time Delayed
15A, 1P

Cooling
Coil Size (LxWxD)
Coil
Pressure Rating (psi)
Cooling Medium ²
Fan
Maximum Airflow (CFM)
Maximum Water Flow (GPM)
Minimum Water Flow (GPM) at 30 °F Entering
Plumbing Connection
Vent Size
Drain Size

52"x4"x3"
2 Pass, Brazed Aluminum
25
Minimum 30% Glycol, 70% Water Mixture
(9) 5", Variable Speed, AC Panel Fans
#REF!
4.3
3
1" NPT, Male
1/4" NPT, Female
1/4" NPT, Female

52"x16"x3"
2 Pass, Brazed Aluminum
25
Minimum 30% Glycol, 70% Water Mixture
(12) 6", Variable Speed, AC Panel Fans
#REF!
18
12
1" NPT, Male
1/4" NPT, Female
1/4" NPT, Female

Controls⁴
Fan Shut Off Temperature (°F)
Fan Speed Linear Ramp Range (°F)
Fan Full Speed Temperature (°F)

<72
72-79
>79

<72
72-79
>79

Physical
Exterior Dimensions (inches)
Color
Standard Mounting Provisions
Wet Weight (lbs.)
Noise @ 1 meter from fans (dB)

60 L x 6 W x 8.5 D
Basalt Gray (RAL 7012)
Ceiling Joist Supported Threaded Rod
70
<70

60 L x 18 W x 7 D
Basalt Gray (RAL 7012)
Ceiling Joist Supported Threaded Rod
97
<70

1- Cooling Capacity with 90° F Inlet Air, 60° F Chilled Water Supply. Consult Engineering Data for Other Conditions.

2- Always Follow Chiller Manufacturer's Recommendations for Proper Glycol Ratio.

3- Entering Temperature Differential is the Temperature Difference Between Incoming Water and Incoming Air.

4- Temperature as Measured by Factory Installed Thermistor.