



# AIR-TO-AIR HEATPIPE HEAT EXCHANGER

## P/N 7100003

### FEATURES

This panel mounted air-to-air heatpipe heat exchanger has been designed to cool cabinet or transit case electronics by maintaining a minimum temperature gradient between the internal areas of the air and water sealed enclosure and external (MIL-STD-810F) environments.



### CHARACTERISTICS & PERFORMANCES

Mechanical / Electrical	Thermal	Physical	Qualification
Tubing and fins: copper	Temperature gradients with given wattage: 150W = 8.5 C delta T 175W = 9.5 C delta T 200W = 10.0 C delta T 225W = 11.5 C delta T	Weight: 14 lbs Height: 14" Width: 7.28" Depth: 7.65" Flange extends 1.15"	This unit has been qualified to pass MIL STD 810F Methods: 501.4, 506.4, 507.4, 508.5, 509.4, 510.4, 512.2, 514.5, and 516.5
Case: aluminum			
Fans: 200 CFM air flow			
Input: 220V / 60 Hz Single phase AC			
Standard power connectors: Internal - Three-pin Molex connector P/N 03-12-2036 External - MS17344R16C10P			

### OPTIONS

DC Fans, 115VAC, 3 ph, 400 Hz

Various Electrical Connectors