



Pentium™ 4

4-U High Performance Heat Sink

Part Number 037888

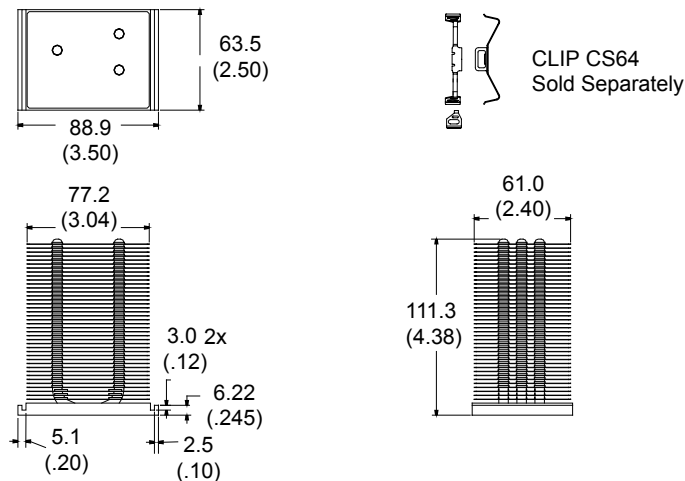
HIGH PERFORMANCE HEAT SINK

DESIGNED FOR 4-U SERVER APPLICATIONS USING THE PENTIUM 4 PROCESSOR™ (423 pin, Xeon, Foster, Prestonia, Gallatin)

Rely on Aavid Thermalloy's high performance heat pipe heat sink where maximum thermal performance is required in a 4-U form factor. This style of heat sink can be customized to optimize fin spacing (even or uneven), overall height, number of fins, or base style. The base can utilize copper for a 2-4% performance increase (adds 225g) or other materials & configurations for low cost / high volume production. Other possible alterations include customized fin size, optifins for increased shock / vibration resistance and the basic concept can be utilized for other processors and high power telco / power devices.



MECHANICAL DRAWING

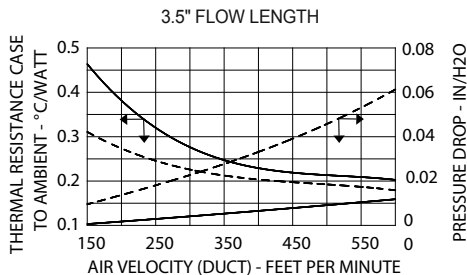


FEATURES:

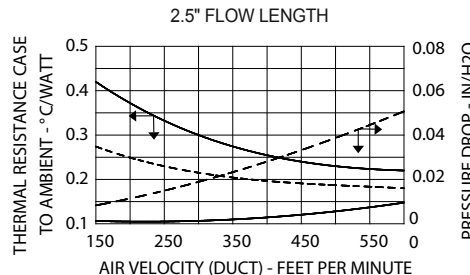
- Designed to Cool up to 135W
- Design is Adaptable to Meet Demanding Applications
- High Thermal Performance vs. Cost
- Low Mass (315g)
- Open Design Allows for Multiple Airflow Directions
- Low Pressure Drop Design
- Robust Design Uses Multiple Heat Pipes
- High Performance Grease Interface Standard

THERMAL PERFORMANCE:

Test performed with heat pipes in vertical position
 Typical case-sink interface resistance = 0.02 to 0.04 °C/W
 Test results are based on using a 31mm x 31mm isothermal heat source



Open Duct ("4.60 X 8.81") ———
 Fully Ducted ("4.44 X 2.50") - - - -



Open Duct ("4.60 X 8.81") ———
 Fully Ducted ("4.28 X 3.25") - - - -

FOR MORE INFORMATION ON OUR MICROPROCESSOR COOLING SOLUTIONS, VISIT OUR WEB SITE AT:

www.aavidthermalloy.com/products/microp Tel: (603) 224-9988

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