



HI-CONTACT™ LIQUID COLD PLATE

Aavid Hi-Contact™ tube liquid cold plates feature a high performance assembly utilizing a continuous tube press fit into an extruded aluminum plate. The patented geometry used in the Aavid Hi-Contact™ process moves the fluid closer to the device generating heat, achieving the best thermal performance from a tube cold plate.

To further increase the performance of Aavid's Hi-Contact™ liquid cold plates, a thermal epoxy is applied to the joint to provide a gap free thermal interface between the tube and the plate.

AVAILABLE OPTIONS

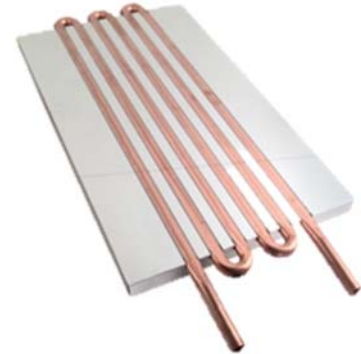
- Custom Sizes Available – See Aavid Custom Hi-Contact Cold Plates for Design Guidelines
- Tube Material: Stainless Steel, Cupronickel
- Finishes: AavSHIELD, AavSHIELD<sup>3</sup>

PART NUMBERS

- 416101U00000G – Unfinished, Standard 152mm Plate Length
- 416201U00000G– Unfinished, Standard 305mm Plate Length
- 416301U00000G– Unfinished, Standard 610mm Plate Length

HI-CONTACT™ PRODUCT SPECIFICATIONS

Property	Details
Plate Details	Extruded Aluminum
Tube Material	Copper 9.5mm O.D. x 1.24mm wall
Standard Finish	Unfinished
Epoxy	Aluminum Filled - High Thermal Conductivity



FEATURES & BENEFITS:

- Cost Effective
- High Performance Leak Free Joints
- Hi-Contact™ for Better Heat Transfer
- Easy to Customize

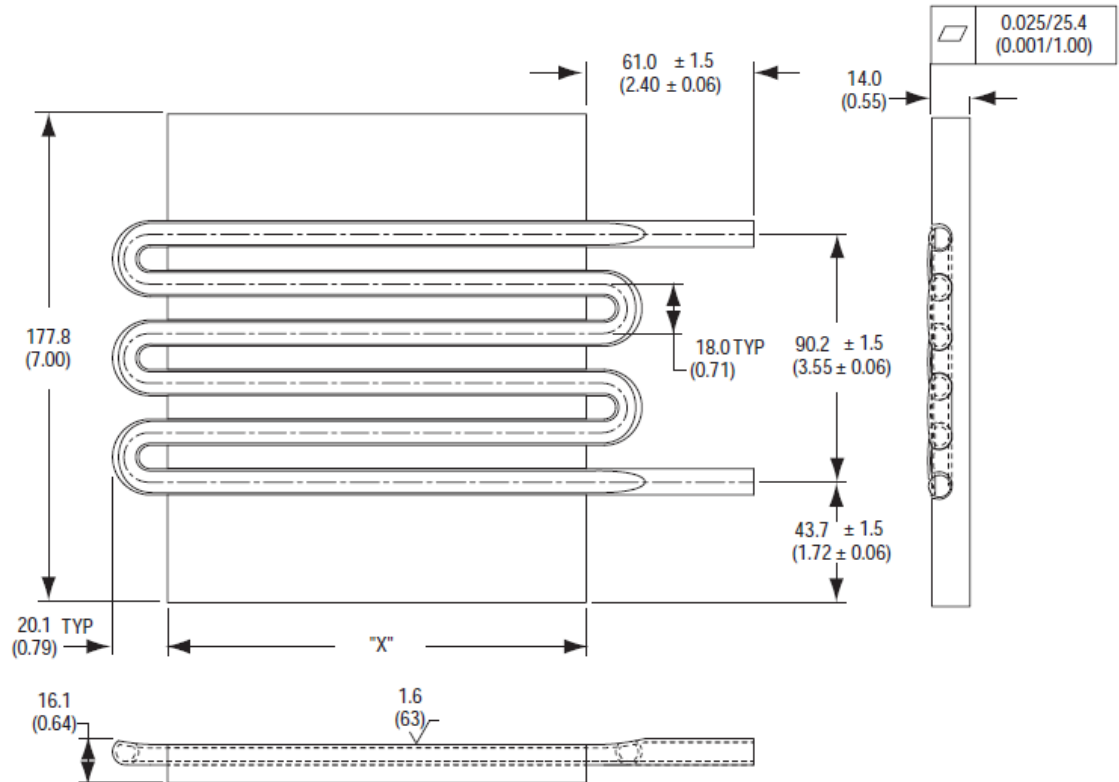
Measurement	mm	in
Width	177.8	7
Thickness	15.24	0.55



MECHANICAL

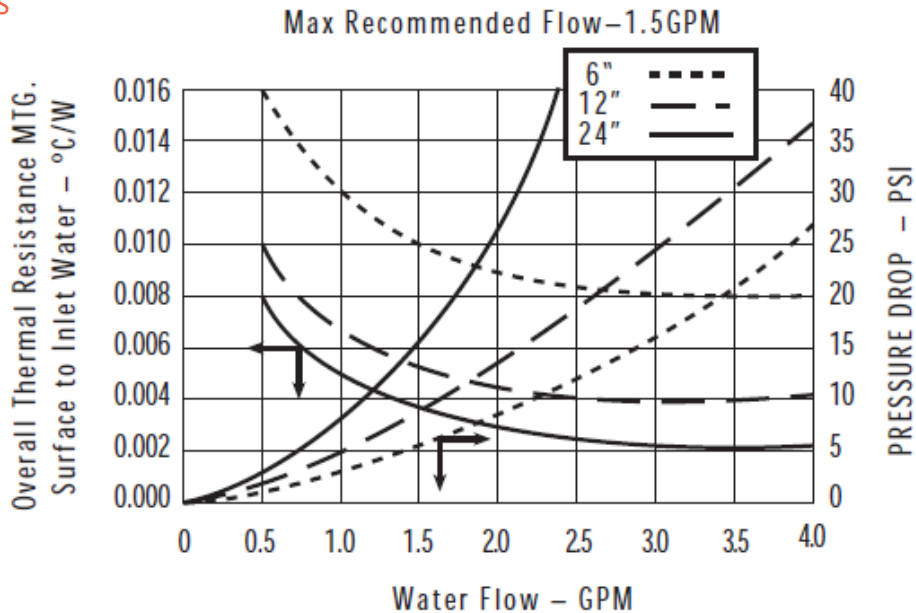
Dimensions are shown in mm

Figure 1



PERFORMANCE – 6 PASS

Figure 2



Aavid reserves the right to make changes to the products or information contained herein without notice. No liability is assumed as a result of their use or applications. For additional information, please contact Aavid directly.