

## Liquid-cooled Cold Plates

Part Number – 418301U00000G

### Standard

Standard liquid-cooled cold plates are available in 2-pass models or 4-pass models for cooling standard or custom power semiconductors in heavy load applications. One-piece copper coolant tubing is mechanically locked and epoxy sealed to the cold plate. This assembly method seals out moisture and other corrosives, providing an excellent thermal path from cold plate to cooling fluid.

### Specifications

**Plate:** Extrusion, 6063-T5 aluminum

**Tube:** 9.5 mm (0.375") O.D. x .8 mm (0.032") wall, copper

**Epoxy:** Aluminum filled, high thermal conductivity

**Finish:** Unfinished standard

### Options

**Finishes:** Gold chromate, clear chromate, Aavgard

**Material:** Stainless steel tube can be substituted for copper

**Length:** Custom lengths available



### 2 Pass Models

Part Number No Flange	Length A Dimension	Thermal Resistance At 1.5 GPM
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<b>418301U00000G</b>	610 mm (24.0")	0.015 °C/W
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