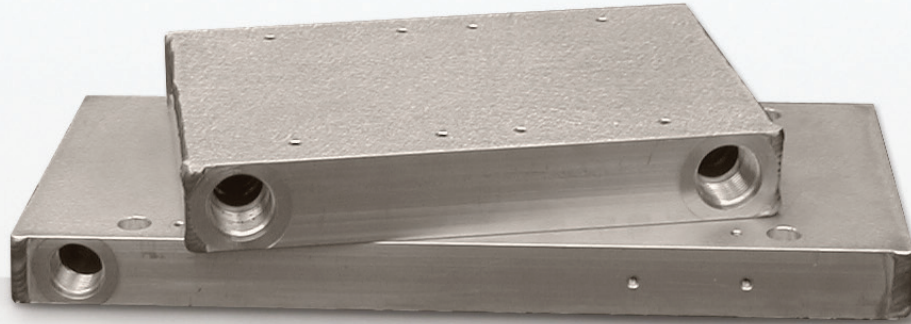
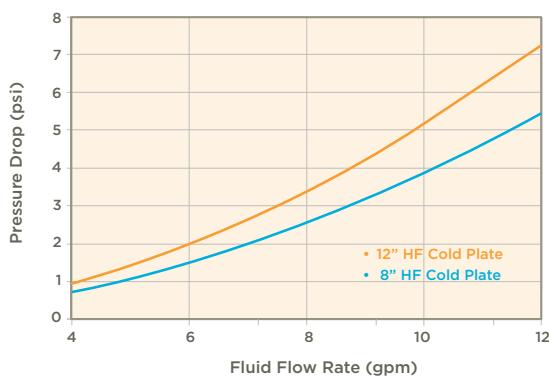


# HIGH FLOW COLD PLATES

General-purpose double-sided liquid cold plates with low-pressure drop and high heat loads



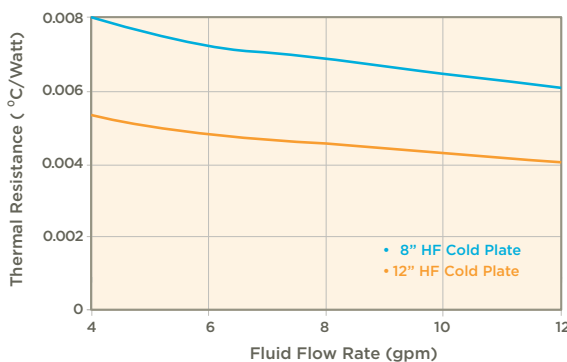
## HF COLD PLATE PRESSURE DROP



## Low thermal resistance, low pressure drop, at a low price

- Ideal for use with IGBT modules, power semiconductors, thermoelectric and other high power direct cooling applications.
- Patented and patent-pending design allows for efficient heat transfer at a low cost.
- Uniform thermal resistance over entire surface means no hot spots.
- Double-sided: both sides have the same heat transfer properties. Thermal resistance graphs are shown for one side only; all values are reduced by approximately one-half for two-sided operation.
- Drill and tap to 6 mm depth on both sides for easy parts mounting.
- Interior may be coated with nickel or Teflon-impregnated anodized aluminum.
- Custom lengths are available.

## HF COLD PLATE THERMAL RESISTANCE, EACH SIDE HEAT TRANSFER FLUID: WATER



## SPECIFICATIONS

Width	5.5" (14 cm)
Height	1.25" (3.2 cm)
Length	Standard lengths in 8" and 12" Custom lengths available to 72"
Weight	0.55 lbs per inch length (100 grams per cm)
Flatness	Flat to 0.0005 in/in. 0.005 in. overall (both sides)
Material	6063 aluminum T6 hardened
Standard Fittings	7/8" SAE O-ring sealed port (many others available)

The Right Temperature Without Fail

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