

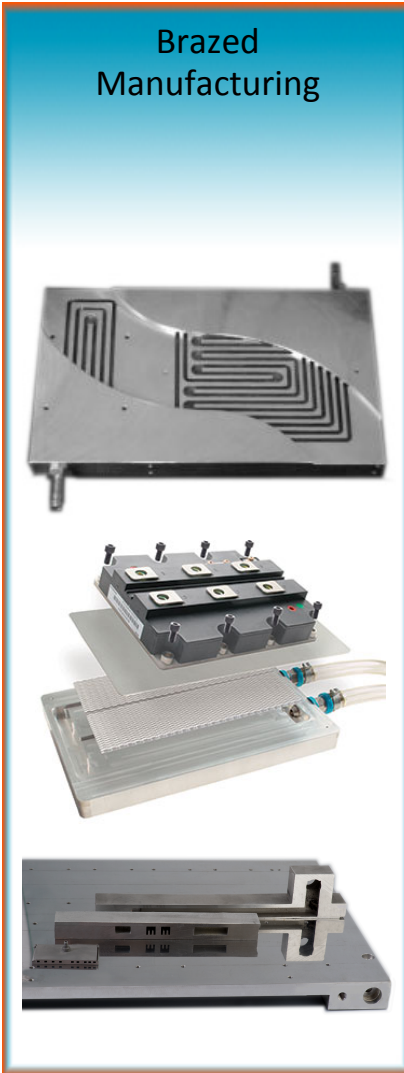
Thermal Management

Custom Liquid Cold Plates Various Manufacturing Technologies

Custom Liquid Cold Plates Various Manufacturing Technologies



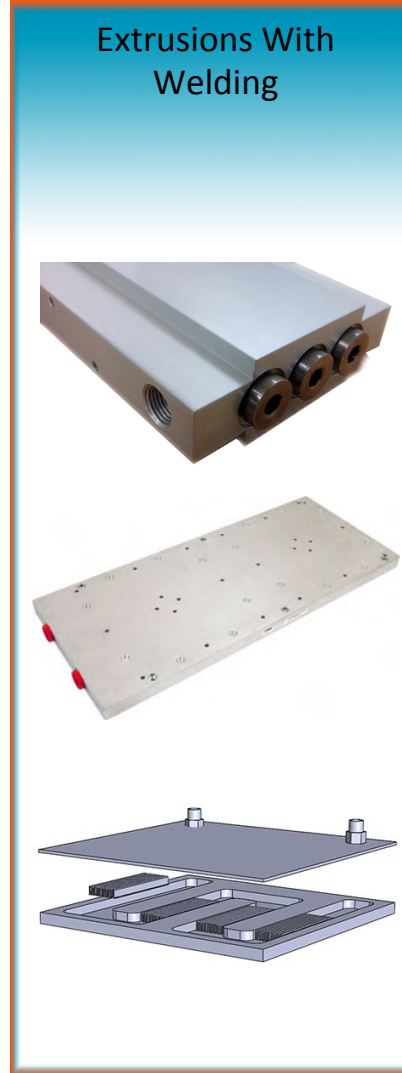
Brazed Manufacturing



Friction Stir Welding



Extrusions With Welding



Tube Cold Plates



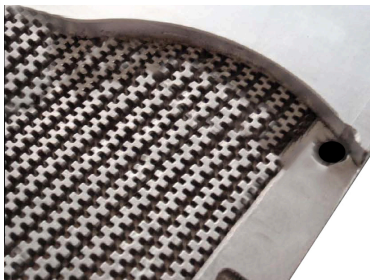
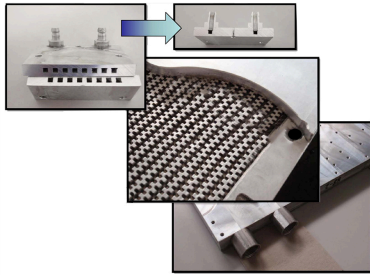
Thermal Management

Custom Liquid Cold Plates Various Channel Solutions

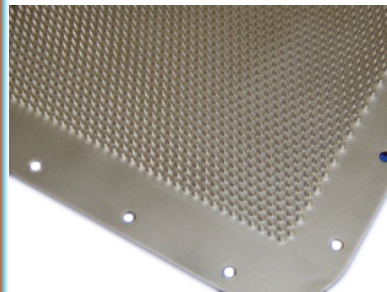
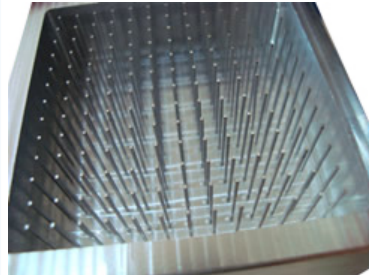
Custom Liquid Cold Plates Various Channel Solutions



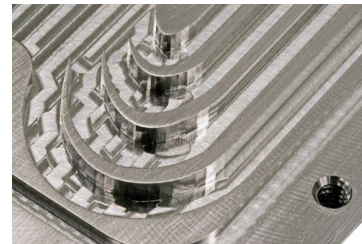
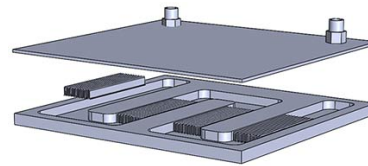
Cold Plates With Tubulators



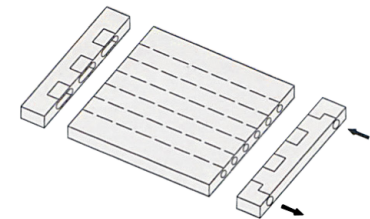
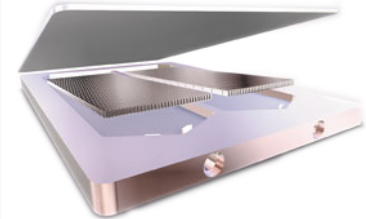
Cold Plates With Pin Fin Channels
CNC or Forged Pins



Cold Plates With Micro Machined Channels



Cold Plates With Extruded Channels



Thermal Management

Heat Pipes & Vapor Chambers

HEAT PIPES & VAPOR CHAMBERS



Heat Pipes Design
Complex Pipe
Heat Pipe Testing
Computational Fluid
Dynamics
Reliability Validations

Sintered – Groove
Screen

Vapor Chambers

Ultra Thin Heat Pipes
For Hand Held Devices
To 0.25mm Thick

Loop Heat Pipes

Anti- Gravity Orientation

Vertical Orientation

Horizontal Orientation

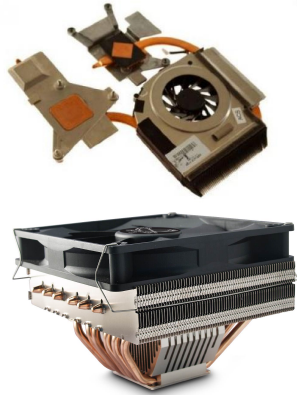
Thermal Management

Custom Thermal Assemblies

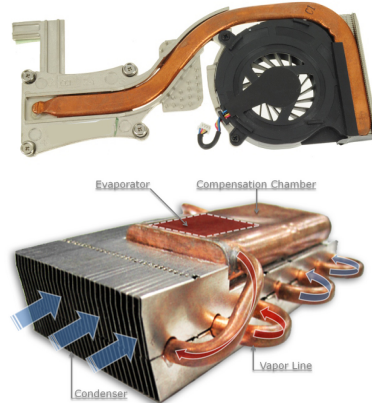
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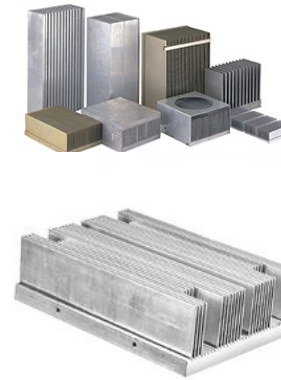
Custom Heat Pipe/Fan Assemblies



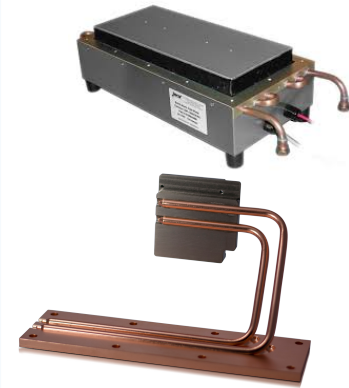
Custom Heat Pipe Assemblies



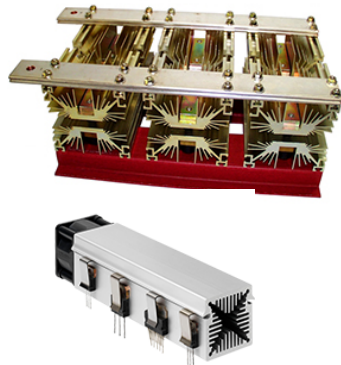
Custom Bonded Fin Assemblies



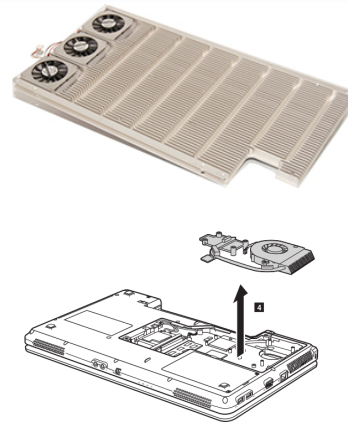
Custom Liquid Cold Plate Assemblies



Custom Heat Sink Assemblies



Custom Fin and Fan Assemblies



Custom Vapor Chamber Assemblies



Various Thermal Assemblies

