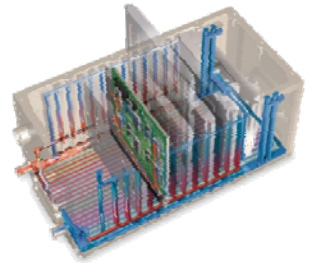


# Parker Advanced Liquid-Cooled Enclosures

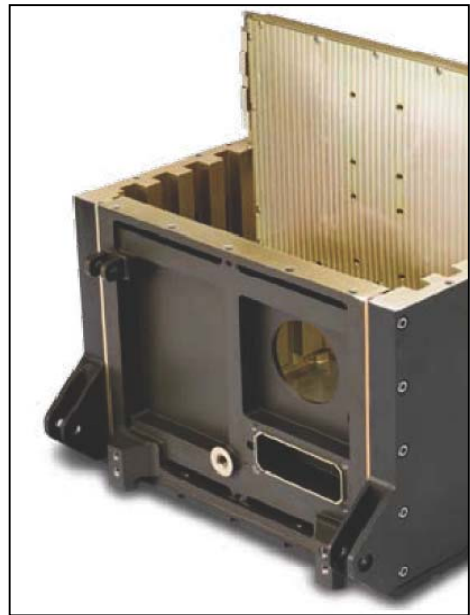
VITA 58 ruggedized liquid-cooled enclosures for VITA 48 modules



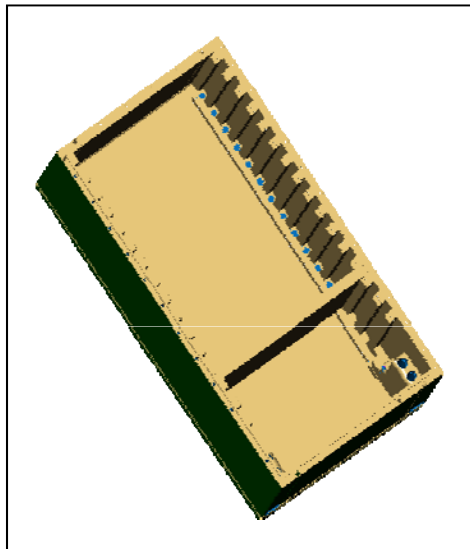
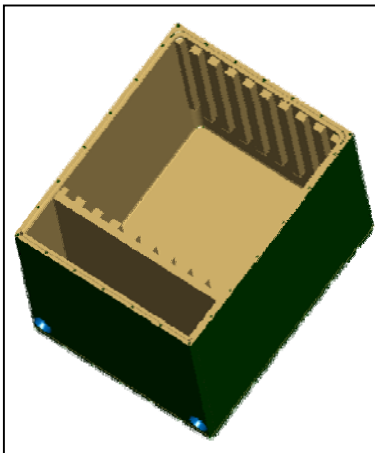
**Parker's advanced liquid-cooled enclosures enable high power density embedded electronics in ruggedized military, aerospace, industrial, and commercial applications.**

**Designed to MIL-STD-810F, MIL-STD-461E, and VITA 58, Parker's COTS designs offer:**

- Dry to the user, liquid flow-thru/spray cooled, liquid conduction-cooled, or a combination of the two liquid-cooling options are available
- Allows simple and cost effective spiral upgrades from a basic liquid-aided conduction-cooled enclosure to any combination of liquid flow-thru/spray, or conduction cooling
- All VITA 58 sizes available and easily customizable for any application
- Embedded cold plates in adjacent walls are available for direct cooling of high heat components (e.g. power supply)
- Is compatible with most dielectric (e.g. PAO/fluorocarbon) or non-dielectric (e.g. EGW/PGW) cooling fluids
- Accommodates two-level field maintenance (2LM)
- Designed for VITA 48 modules



Utilizing our proprietary Macrospray® technology, Parker's ruggedized liquid-cooled enclosures provide **3x the watts/area** capacity of traditional designs, **or** the same watts/area with **1/3 the flow rate.**



ENGINEERING YOUR SUCCESS.