



Liquid cooled magazine for heat generating components



TECHNOLOGY

The trend is towards more compact electronic units. This trend leads to higher heat density and a demand of a more efficient cooling. Liquid cooled plates are the solution when air cooled heat sinks became a not acceptable solution. Liquid cooling has been used in several applications since 1940.

RACK MOUNTED MAGAZINE

For the typical field of application with PCB's in a rack mounted magazine, Tykoflex has developed a system with 19" standard where the liquid part of the system are completely separated from the compartment with electronics.

The space between the cold plates is enough for mounting of components on both sides of the plates. The magazine holds up to 6 plates and each plate can be dismantled without interference with the liquid circuit or the other plates.

The system is designed for dry disconnect couplings. The space between the electronics and the compartment with the valves is separated with a path of double membrane to ensure dry operation.



For more information please contact:
Per-Olow Bjerkensjö
Phone: +46 8 505 949 55
peo.bjerkensjo@tykoflex.se