

# **Aluminum heat dissipation pipes for distribution boxes**



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The two-phase nature of the heat pipe provides a nearly isothermal transfer of heat, creating an almost constant temperature across its entire length. Through various wick structures and fluids, heat pipes ...



To better solve your thermal removal requirements, Noren's heat pipes offer the unique ability to achieve different bends, planes and dimensions within designs. We are able to create solutions with multiple ...



Learn about the various limits that determine the maximum power (W) a heat pipe can move. Learn the basics on sizing and modeling with our heat pipe design guide. Discusses specialized heat pipes and ...



ATS high performance round and flat heat pipes are used to transfer heat with minimal temperature difference or spread the heat across a surface. ATS's heat pipes are low profile and easily attach to ...



This study breaks through the high heat flux dissipation performance bottleneck of traditional aluminum flat plate heat pipes, providing a novel reference for enhancing the heat transfer ...



Equipped with a removable **Mounting Plate** inside the enclosure, enabling customized drilling and secure component mounting.

Embedded heat pipes remove local hot spots, reduce heat buildup around electronic components and improve air-cooled heat sink efficiency by 20% (compared to aluminum or copper base spreaders)

...



Chalco offers aluminum heat transfer solutions for automotive, HVAC, and industrial systems, including brazing sheets, header tubes, and stamped components—customized for high ...



Unipipe offers top-quality pipes and fittings for various industrial applications. From compressed air to vacuum - we have it all. Shop today!



This page examines heat pipe technology, including various heat pipe types, wick and enclosure options, thermal performance, and design principles for enhancing heat sink thermal resistance.



We design the best heat dissipation solutions, specific to your application. The result is the smallest, lightest, most cost effective solution.

## Contact Us

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