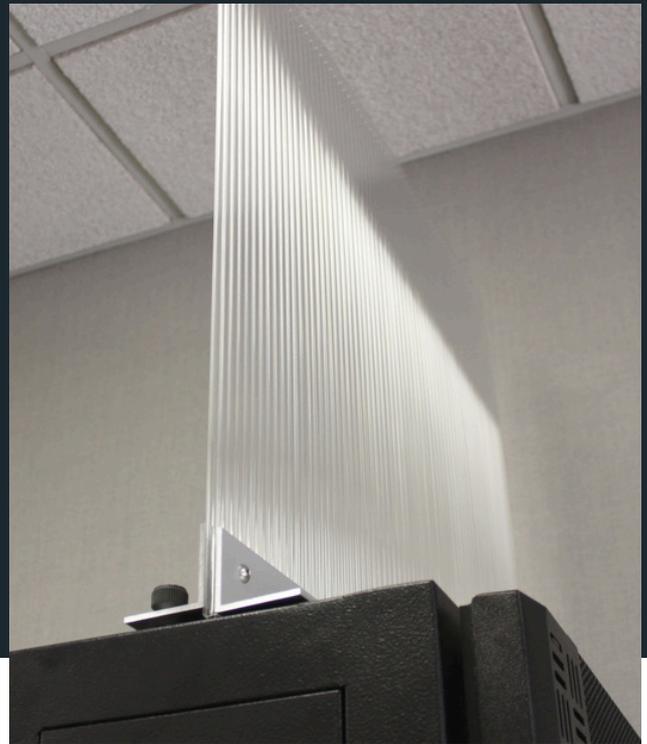




PolarPlex™ Rack Top Baffles Brochure

Quick, Efficient, and Tool-Less Open Top Containment Solutions



Effortless Installation

PolarPlex Rack Top Baffles offer a cost-effective and fast solution for managing airflow in open top containment architectures. Designed to optimize cooling efficiency, these baffles are lightweight and tool-less, attaching easily with neodymium magnets for a secure fit. Their simple, removable design allows for quick installation and adjustments.

Key Benefits

What Matters on Site

Energy Savings

Supports High-Density Racks

Quick Installation

How PolarPlex Delivers

Increase set points, reduce fan speeds, or turn off cooling units to save energy.

Designed to handle higher rack densities without compromising cooling performance.

Deploy containment in minutes at a lower initial cost than traditional systems.

Key Features

Tool-Less Installation: PolarPlex Rack Top Baffles attach directly to the rack top using strong, neodymium magnets – no tools required.

Versatile Configurations: Available in vertical or 45° angled designs to suit different data center layouts.

Customizable Sizes: Standard SKUs for easy ordering, with the flexibility to create custom sizes for specific needs.

End Cap Options: End caps available for baffles up to 76" wide to ensure complete containment.

Flexible Material: Twin-wall material can be notched easily around obstructions to maintain a secure fit and effective airflow management.

How It Works

PolarPlex Rack Top Baffles provide an efficient and flexible solution for open top containment, improving cooling and energy efficiency in your data center. By attaching securely to the top of racks with magnets, the baffles help contain cold air and prevent hot air from mixing, reducing the need for excessive cooling. The tool-less, removable design allows for quick adjustments and ensures minimal downtime during installation or maintenance.

Product Specs

Design Options: Vertical or 45° angled configurations for various rack layouts.

Material: Twin-wall material that can be easily notched around obstructions for seamless fit.

Attachment: Neodymium magnets for quick, secure installation without tools.

End Caps: Available for baffles up to 76" wide.

Custom Sizes: Custom sizes available upon request, with standard SKUs for quick ordering.

The PolarPlex Advantage

Fast and Efficient: Tool-less, quick installation saves both time and money.

Customizable: Tailor to your specific rack configurations with custom sizes and options.

Energy-Saving: Improve cooling efficiency by adjusting cooling unit settings and supporting higher rack densities.

Flexibility: Easily removable for adjustments or maintenance, with the ability to notch material around obstacles.

Cost-Effective: Lower upfront costs compared to traditional containment systems.

At **Polargy**, we design and manufacture configurable structural data center solutions for the world's most advanced technology companies. Our speed, long-lasting performance, and savings reduce the time in design and construction, ensure energy efficiency, and create operational efficiencies.

Ready to improve your data center's efficiency?

Contact us today to learn how PolarPlex Rack Top Baffles can help you optimize airflow, save energy, and reduce installation time in your data center.



Polargy LLC

2536 Precision Dr.
Minden, NV 89423

Info@polargy.com
888.816.8338