

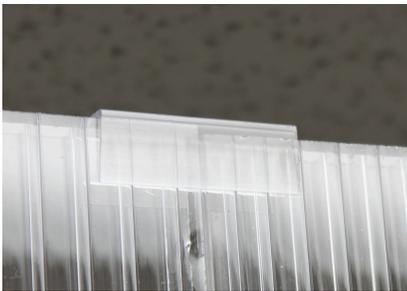
Rack Top Baffles Installation Guide

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Rack Top Baffle Installation Guide

Each Rack Top Baffle includes:

- (1) Panel and Extrusion base
- (2) Magnets with knobs
- (1) Alignment clip



SAFETY REQUIREMENTS

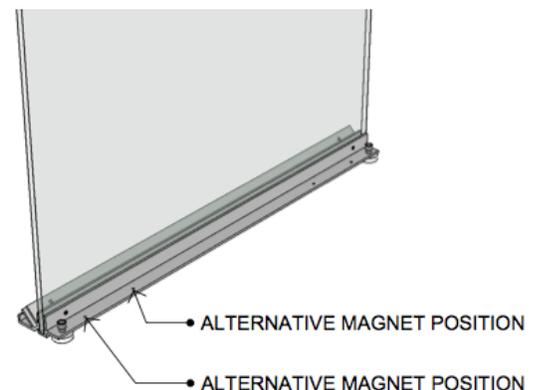
The PolarPlex™ Rack Top Baffles attach to server cabinet tops using strong rare earth magnets. Use caution when handling the powerful magnets. Keep magnets 6" (15 cm) away from pacemakers, and avoid contact with magnetic computer media, floppy disks, zip disks, removable hard disk drives, televisions and computer video monitors, audio cassette tapes, video cassette tapes, credit cards, ID badges, audio tape recorders, iron filings and other ferrous-metal shavings/particles. May scratch painted or magnetic surfaces. Make sure to keep fingers clear of the contact area between the magnets and the metal mounting surface.

For proper mounting, the PolarPlex™ Rack Top Baffle magnets must make direct contact with a steel or other ferrous metal surface typically either the rack top panel or rack frame. Any obstruction that prevents the magnets from making direct metal contact will reduce the holding force of the magnets and may cause the PolarPlex™ Rack Top Baffle to fall. Installation will likely require the use of a ladder or moveable stairs, caution should be exercised when climbing up and down ladders/stairs. Be careful of overhead lighting and cabling when standing on the ladder/stairs.

Installation Instructions:

1. Determine the attachment position for the magnets

The two magnets can be mounted in any of three different positions. Plus, one can easily drill additional holes to create alternative magnet locations. The panels are delivered with the magnets in the outer position. Inspect the top surface of the cabinet to determine the best positions to use for the magnets and move the magnets accordingly. Many cabinets have cable cutouts, or other potential interference issues that must be avoided. The greatest attachment force results from attaching to the rack frame and thick metal components.



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2. Position the Rack Top Baffle on top of the rack

- Start with the magnets elevated, free from making any contact, until proper positioning has been established.
- Rest the extrusion base front edge (the edge opposite of the magnets) at the desired location on top of the rack.
- With the baffle tilted and with the magnets in the air, center the Rack Top Baffle Assembly left to right.
- When proper positioning has been established, rotate the baffle up until the magnets make contact with the rack top.

Note: To reposition the Rack Top Baffle, grab the middle top of the panel and push up or back in a continuous manner, such that the motion lifts the front edge of the extrusion base off the cabinet and peels off the magnets from contact.

Important: Do not attempt to remove Rack Top Baffle Assembly by pulling down or forward.

3. Continue placing the Rack Top Baffles on top of each rack in the aisle

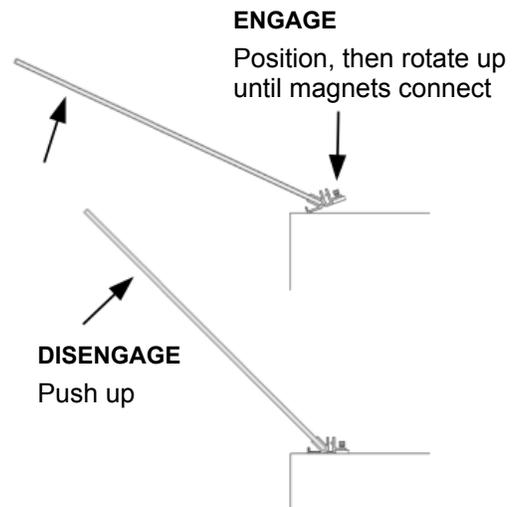
- Populate the aisle by placing the Rack Top Baffles on top of each rack in the row.
- Align the Rack Top Baffles evenly across the top of the racks.
- An optional alignment clip is provided to address any baffle misalignment. Use of the clips will help straighten out the alignment of the baffles. Simply slide the clip on to the top edge, across the gap of two adjacent panels.

Note: If the racks in the row are not level, or not level with one another, then the Rack Top Baffles will not line up well.

Note: The extrusion base is cut approx. 1/32" shorter than the twin wall panel on each side in order to accommodate variations in rack widths.

Note: For end caps, between rack InFill panels, and corner trim installations, see the Rack Top Baffle Reference Shop Drawings.

45° Angle Configuration



90° Vertical Configuration

