

# end of row doors

reduce energy costs with aisle containment

Industry studies indicate that as much as 60% of the cool air supplied to traditional data centers is wasted because it bypasses the intended IT equipment and returns directly to the hot air intake of the air conditioning system. Eliminating wasted air reduces the amount of cold air you need to supply to the data center and/or it can allow you to increase your IT load.

End of Row Doors can increase the efficiency of cold aisles by blocking obvious cold-air escape routes and preventing the entry of re-circulating hot air. This allows you to raise your operating set point within your data center and can enable air-side economization to be used a greater percentage of the time.

## Features & Benefits:

**Ease of Installation** – Field-installable. Both rack-integrated and freestanding options available.

**Rack Neutral** – Flexible enough to install almost anywhere on any manufacturer's brand enclosure.

**Improved Efficiency and Predictability** – Increases cold air intake efficiency, from the bottom of the enclosure to the top, within the cold aisle. Can decrease wasted air by as much as 70%.

**Door Styles** – Choose from two door styles – Café or Single Swing style doors.

**Minimized Air Re-mixing** – Cost-effectively minimize re-mixing between the hot and cold aisle while keeping the uniform cold air supply in front of the servers.



▲ Café style doors allow for easy, hands-free access to the row.



▲ Shown above – Collaborative Single Swing style door solution for custom application enabling total aisle isolation.

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## Café Style End of Row Doors

Café style doors offer you the most versatility, accessibility and performance.

- Doors swing in and out independently.
- Doors will remain open when positioned at 90 degrees.
- Overall dimensions, including doors, side jams, header and anchored base is 96.2" high by 72" wide by 2" thick.
- The overall door opening is 88" high by 42" wide (36.5" wide with installed doors open).
- No threshold to trip over or prevent wheeled access.
- Stainless steel crash pads.
- The header above the doors is easily removed to accommodate tall enclosures.
- End panels are easily attached to accommodate any aisle width. Minimum width for café style doors is 42".
- Colors include Black, Titanium and NuGrey. Custom colors available. Ask your sales representative for more information.



## Single Swing Style End of Row Doors

When space is not an issue, the Single Swing style door is a great solution. This door offers many of the same features as the café style doors at a lower cost.

- Single Swing style door opens outward only and is held closed by latches (similar to Wright Line's Paramount enclosure door).
- Overall dimensions, including door, side jams, header and anchored base is 96.2" high by 66" wide by 2" thick.
- The door opening is 86.5" high by 32.1" wide.
- No threshold to trip over or prevent wheeled access.
- Door is left or right-handed and can be reversed in the field.
- The header above the doors is easily removed to accommodate tall enclosures.
- End panels are easily attached to accommodate any aisle width. Minimum width for swing door is 42".
- Colors include Black, Titanium and NuGrey. Custom colors available. Ask your sales representative for more information.

## End of Row Door Solutions

EORD9666SNG	Single Swing Style Door System, 96.2"H x 66"W*
EORD9672SPT	Café Style Door System, 96.2"H x 72"W*
EORP9618	18" Panel, 96.2"H x 18"W*
EORP9621	21" Panel, 96.2"H x 21"W*
EORP9624	24" Panel, 96.2"H x 24"W*
EORDSAMK	Mounting Kit, 4 each of 3 Brackets Styles

\* Includes rack-integrated hardware. For stand alone applications, such as ceiling installations, please order Mounting Kit(s).

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