



DATA CENTERS

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Equipment Rack Recirculation Barrier

A modular, portable, and reusable solution to reduce temperatures within rack arrays.

Overview

Recirculation barrier partitions are designed to restrict hot exhaust air from reaching the cold aisle in your rack array. It is utilized by filling unoccupied spaces between racks, therefore reducing inefficiencies in the Data Center's air streams (CRAC's / ACU's).

A factory finished solution, all barriers are manufactured in accordance with a rigorous Quality Control program. Each barrier installed improves thermal capabilities, while maintaining the performance and reliability of associated equipment.

Fire Retardant, translucent panels are attractive and facilitate transmission of service lighting.

Installation Examples



Single Unit Installed between a row of racks.



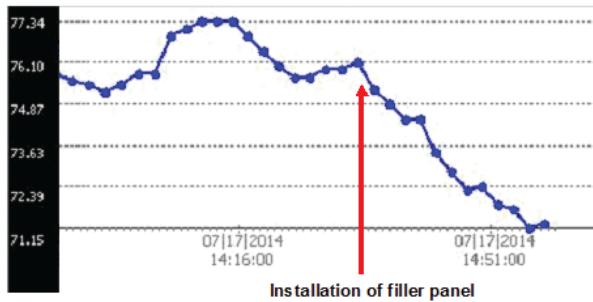
Multiple units coupled together to create barrier wall with a rack row.

Technical Specifications

- Custom heights up to 96"
- Width spans up to 36"
- V0 Fire Retardant
- Anti-Static
- 2 Year Warranty
- Attractive Translucent Polycarbonate

Temperature Comparison

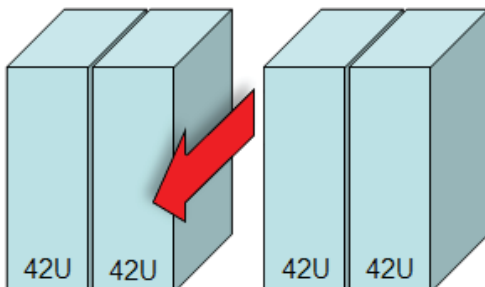
Lab testing has indicated a 6.5° F drop in inlet temperature after the installation of a single unit within a row of racks. In working with IBM Research, it has been calculated that a single recirculation barrier has a ROI of 14 months on average based on 8.5 KWH.



Actual Temperature Graph Before and After Installation

Product Features

- Prevents Hot air migration into Cold aisle
- Blocks airflow between cabinet gaps
- Improved Efficiency -Easy deployment
- Improves IT performance and reliability



Product Detail

