

COLD AISLE CONTAINMENT SYSTEM

NEW PRODUCT

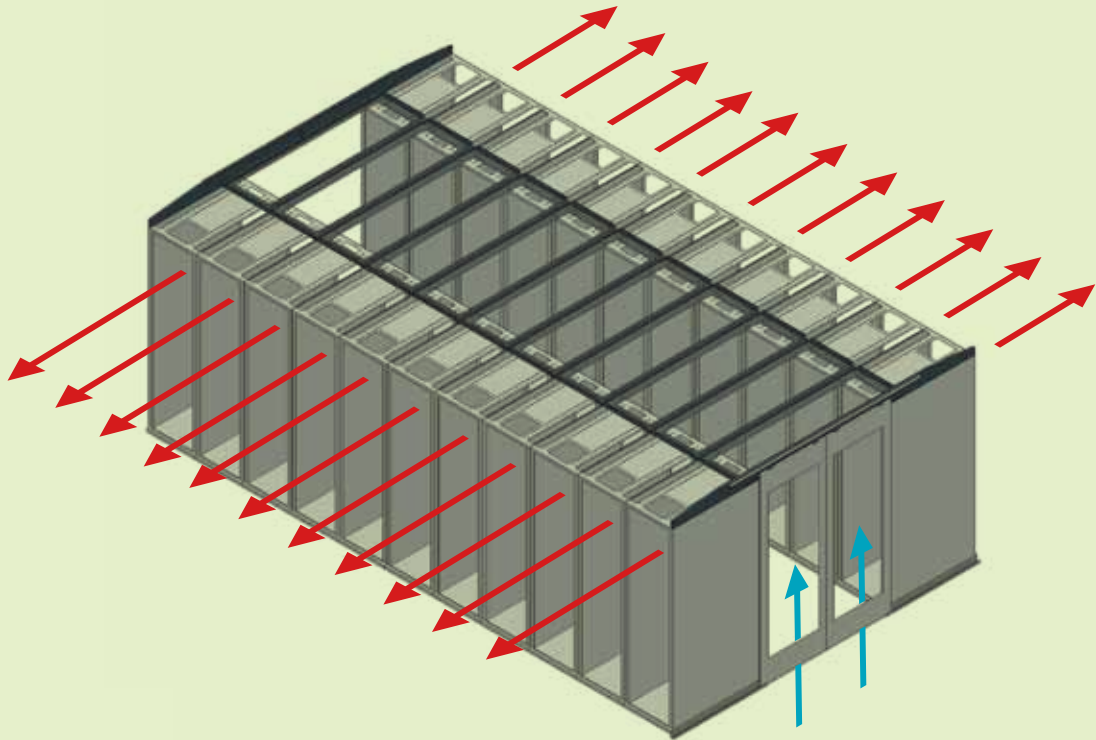


A cold Aisle Containment System is the most efficient cost effective method of heat removal from cabinets operating in a data room

The system is designed for the S2005 range of data cabinets and is a modular system which builds a room around 2 rows of cabinets that are facing each other.

Using this modular system significantly increases the efficiency of the under floor cooling system provided within the Data Centre. The cool air can now flow into the Containment area where it is drawn through the equipment and expelled out the rear, there is no increase to energy consumption within the data centre, but now the air is more effectively utilised. In some cases a reduction in the cooling energy within the data centre can be achieved.

The system is made up of roof panels, and sliding doors which are fitted to each end, creating an energy efficient temperature controlled room within a data centre environment. It is designed to maintain efficient temperature control at the front of the cabinets, where the equipment needs it. The Containment System comes with modular roof panels which are glazed with clear acrylic. The roof allows the existing building lighting to be utilized without the need for additional lights. The ends of the Containment System are fitted with sliding doors which are also glazed in clear acrylic. The system can be configured to any number of cabinets which face each other.



To maintain an efficient use of the cool air, all gaps around the equipment must be sealed, this means the air has no option but to go through the equipment. Additional components are available for the Cabinets like infill panels and blanking panels.

The modular design means expansion to the containment area can be achieved by adding more roof panels when new racks are installed.

Custom applications are also available; please discuss your needs with one of our customer service representatives.

Features

- Easy to install roof panels which come with replacement top panels for the cabinet.
- Air seals on all tops and end doors to maintain efficiency.
- Clear windows on top panels and end doors to maintain high levels of ambient lighting.
- Modular design which is easy to modify or expand.

Options

- Custom applications available upon request.

Finish

All components have a zinc phosphate pre-treatment prior to powder coating.

Colour is Black Sable as standard, other colours available upon request.

