Standard Containment Components

SEPARATING WARM AND COLD AIR OFFERS ENERGY SAVINGS OF UP TO 30%

An output air temperature of 12.6 °C is required at the computer room's air conditioner (CRAC) in order to provide a temperature of 25.6 °C to the servers in the upper part of a cabinet. This has been demonstrated by a nVent analysis of cold and warm aisles.

Consistent air management - that is, separating the warm and cold areas - offers huge savings. According to measurements made in a customer's data center before and after implementation of a cold aisle containment, energy costs were found to have fallen by 30%.

By standardizing its SCHROFF containment components nVent has created a unique modular system for containment.

With containment doors, aisle top covers, cladding elements and halogen-free gaskets, SCHROFF server and network cabinets can be combined into a system matched to your specific requirements.

ADVANTAGES AND BENEFITS OF STANDARD SCHROFF CONTAINMENT SOLUTIONS

- Short delivery time of 10 working days and short setup time

- Sophisticated infrastructure solutions and product combinations

- Modular standard components offer price advantages

- Minimal planning outlay

- Easy to adapt to your requirements thanks to standard product portfolio

- Simple to expand in the future

ADVANTAGES AND BENEFITS OF SCHROFF AISLE CLOSURE AND COVER

- Four standard door types for optimal access control

- Tough safety glass aisle roofs

- Wide, robust steel frame to house fire extinguisher injectors or smoke sniffer systems

- SCHROFF universal profiles allow OEM cabinets to be integrated without problems

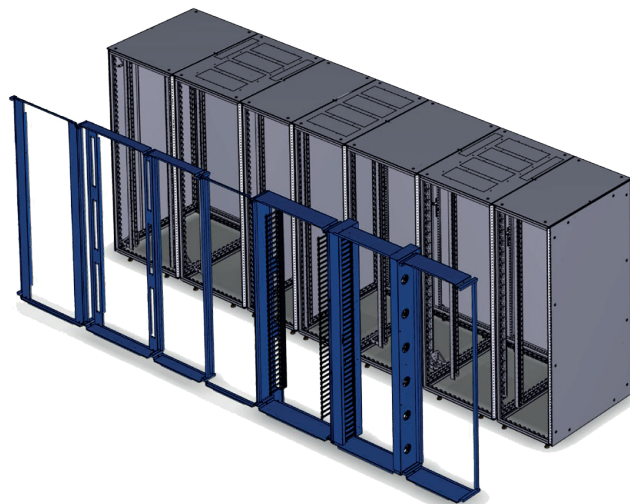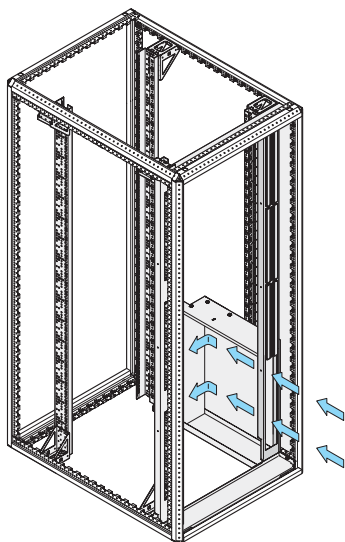# Standard Containment Components

AIR BAFFLES

Just as important as aisle closure elements are air guide baffles in the cabinets. nVent offers a wide range of baffles for front-to-back-cooled IT components in server and network cabinets.

Covers for 19" planes create optimal utilization of space in the server cabinet together with the necessary cabling space in the adjacent network cabinet. Openings with brush strips combined with cable fingers ensure simple cabling, even front-to-back.

To integrate side-to-side-cooled IT components into the containment system, nVent has created a standard air panel kit that can be retrofitted easily to a cabinet already installed in a row.

For more information: **nVent.com/SCHROFF**

Our powerful portfolio of brands:

nVent.com   CADDY   ERICO   HOFFMAN   RAYCHEM   SCHROFF   TRACER