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more information



**EASILY APPLICABLE IN EXISTING DATA CENTERS**  
*by Conteg!*



Cabinets from different manufacturers of varying heights, widths and depths are added to existing installations without any consideration that one day might be required to roof the area that is being supplied by cooled air. When this day comes, search for a proper solution to increase cooling system effectiveness begins.

**We have a solution for you, called MODULAR CONTAINED AISLE.**

Modular Contained Aisle for traditional hot/cold aisle layouts is the right containment solution when higher cooling efficiency is needed, but the rack infrastructure cannot be changed and fitting the standard contained aisle is limited for any reason.

#### Key features

- Stand-alone framework construction together with PVC blinds (can be easily cut off to the required length) = stability and modularity
- Solution available for rack heights 15 - 48U (up to 2350mm), requested ceiling height is 2600mm
- Ready to cover aisles up to 1200mm wide; 1800mm wide solution upon request
- Standard double door or front/rear PVC blinds instead of the door
- Adjustable roof sections to adapt the solution to the aisle of any length
- Frame and supporting sections made of powder coated sheet steel
- Top sections made of transparent, fire retardant Polycarbonate materials
- PVC blinds made of transparent fire retardant PVC anti-static materials

#### Main benefits

- Reduction of hot and cold air mixing by eliminating cold air by-passes
- Solution does not require equipment shut down to retro-fit in operating data centers
- Product allows achieving higher air inlet temperatures to IT equipment
- Product allows higher return air temperature to CRAC units that result in an increase of net sensible cooling capacities
- Product provides balanced air distribution along the entire rack elevation, due to this the equipment in higher sections of the cabinets is cooled more effectively
- Increase of energy efficiency - regardless of the room size or number of installed racks

**MODULAR CONTAINED AISLE**