

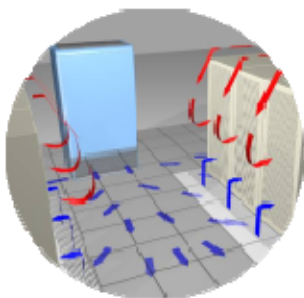
Secure
Modular
Data
Centers



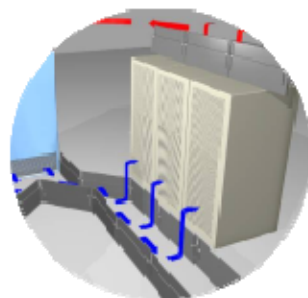
Optimizing cooling in Data Centres

Problem

- Higher occupancy of Data Centres is driving up power consumption, which means about 70% of electrical consumption at heat dissipation.
- Rapid growth and improper maintenance of Data Centres causes:
 - Improper balance of thermal loads
 - Inadequate distribution of air grills not optimizing rack cooling
 - Cable openings and others non properly sealed cause cold air losses
- Higher temperatures imply:
 - Rapid Hardware degradation
 - Potential temporary auto-shutdown of machines
 - Data Centre crash



Unefficient



Efficient
with Smart AirDeflector

Solution

- Cold Air is directed straight where is needed, by installing it under raised floor.
- Insulates Cold aisle and hot aisle, by installing it on top part of racks, without installing complex and expensive hoods.

- **Easy and clean installation with no need for mechanical works.**
- **Preliminary tests have showed 20% cooling improvement in Data Centre by Smart Air Deflector usage.**

Benefits

- **Make curves with seamless joints and avoid cold air losses.**
- **Save pipes and cable trays**
- **Adjust its width therefore improving air velocity by Venturi effect to reach distant points where cold air is needed.**

Models available

- **Standard :**
 - **Length: 500/1000**
 - **Width: 20**
 - **Height (min. & máx. , adjustable): 250 & 450 / 300 & 550 / 400 & 700 / 600 & 1100**
- **Special dimensions available under request for Top Racks deflectors.**

Contact us for further information

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