

# SIDE-TO-SIDE AIRFLOW SOLUTION (STS)



➤ Separating hot and cold air zones is the most effective means of improving data center efficiency, with a goal of reaching perfect hot/cold air separation in each rack. This is very difficult in racks with differing IT components, however, as varying airflow directions create major obstacles. Conteg has the solution for management of side-to-side direction components.

## MAIN ADVANTAGES

- Unique technical solution for data centers for side-to-side airflow equipment
- Allows a combination of several chassis with various airflow directions into one rack
- Maximal airflow volume capacity
- Increases computing capacity
- Designed for high-performance network products

| Code                                | Product   |
|-------------------------------------|---|
| <b>SIDE-TO-SIDE AIRFLOW SUPPORT</b> |   |
| RSF-42-80/100-WWWWA-SE1             | RSF, 42U×800×1000, S-t-S Airflow solution, Size 1 |
| RSF-42-80/120-WWWWA-SE1             | RSF, 42U×800×1200, S-t-S Airflow solution, Size 1 |
| RSF-42-80/120-WWWWA-SE2             | RSF, 42U×800×1200, S-t-S Airflow solution, Size 2 |

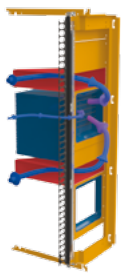
Heights of 45 and 48U available upon request

## DESCRIPTION:

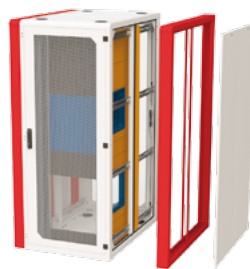
- Width: 800 mm
- Depth: 1000 or 1200 mm
- Front and rear vented doors, 86% perforation, multipoint lock with DIN profile, key 333
- Load rating up to 1000 kg, depending on the frame type
- P-type extrusion on left front side, with possibility of vertical HDWM-VMR-42-12/10F installation
- Blank panels for side deflector included for all positions
- Frame for separation of hot and cold air space
- Clearance between chassis and side panels is 170 mm

- High Density Wire Management bar on right front side for effective cable management (standard)
- Enables installation of network components for specific data Center layouts:
  - Hot/Cold Aisle
  - Contained Aisle
  - Chimney Solution
  - Modular Closed Loop
- Air-flow supporting channel increases air volume for side air intake (when cable bundles could block network chassis)
- Adaptors must be ordered separately

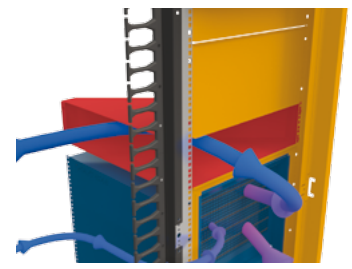
- Enables combination of several types of network chassis in one rack; adapters for chassis need to be ordered separately
- Parts of network chassis allow cable management only on right side; can use with HDWM-HM-3F to guide cable bundles of cables on opposite sides above and below the chassis into another installed cable manager – HDWM-VMR-42-12/10F.
- Side extension kit increases rack width to allow more air volume for side air intake; necessary for some types of network chassis



S-T-S WITH TWO AIRFLOW SUPPORTING CHANNELS



SIDE EXTENSION KIT 1200 MM DEPTH RACK



S-T-S WITH TWO AIRFLOW SUPPORTING CHANNELS

| Side-to-Side Airflow Support - Accessories |   |         |
|--|---|---------|
| Code                                       | Description   | Package |
| DP-ST-S-EXT-2-42*                          | Side extension kit 100mm for Airflow support (rack height 42U, depth 1200 mm) | 1 pc    |
| DP-ST-S-EXT-2-45*                          | Side extension kit 100mm for Airflow support (rack height 45U, depth 1200 mm) | 1 pc    |
| DP-ST-S-EXT-2-48*                          | Side extension kit 100mm for Airflow support (rack height 48U, depth 1200 mm) | 1 pc    |
| DP-ST-S-1-SACH                             | Airflow supporting channel for chassis S-t-S - Size 1                         | 1 pc    |
| DP-ST-S-2-SACH                             | Airflow supporting channel for chassis S-t-S - Size 2                         | 1 pc    |

\* Min. ordering quantity: 2 pcs

[www.conteg.com](http://www.conteg.com)



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