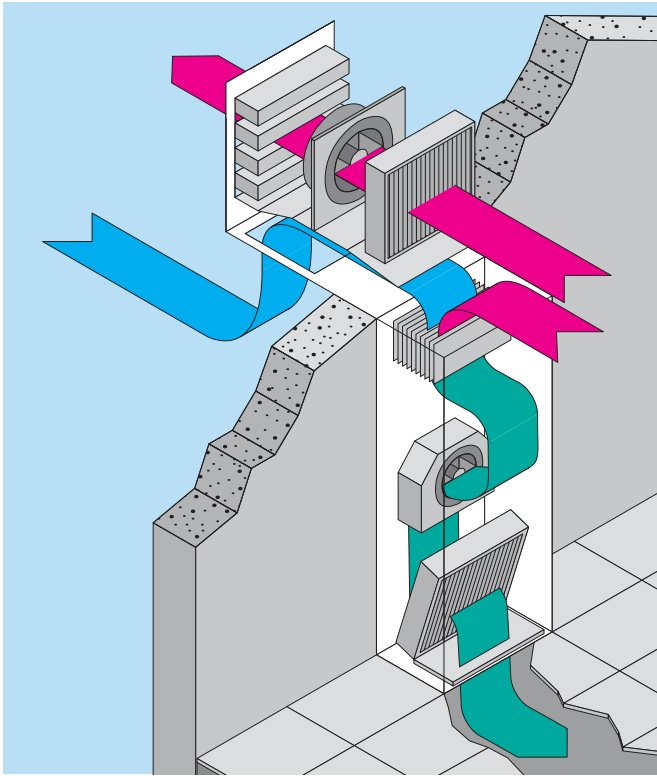


Rittal – Data Centre Container



Data Centre Container DCC

The energy-efficient, mobile, plug-and-play data centre



The Rittal Data Centre Container DCC has been developed specifically for outdoor IT system operations. The perfect temporary data centre to bridge the duration of alterations, expansion measures or relocation, but no less ideally suitable as a permanent IT or server room. The absolute highlight is the innovative direct free cooling, which brings savings of up to 40% on the usual costs for cooling. At the same time, the container guarantees seamless integration of a UPS, fire alarm/extinguisher system, power distribution, raised floor, access control and monitoring functions.

Benefits:

- Drastically reduced energy costs
 - PUE (Power Usage Effectiveness) below 1.2
 - Innovative direct free cooling
 - Highly efficient UPS
- Plenty of space and top quality
 - Up to 329 U (7 racks) and max. 6 kW/rack
 - Extra-wide (3 m) and extremely robust outdoor container
- Deliver – connect up (data and power) – ready to use
- Monitor and manage the data centre and infrastructure (RiZone)
- All-in-one concept, no additional external installations
- Simple planning – fixed price for data centre
- Long autonomy time in case of power failure: Min. 15 minutes



Optional: 19" rack system, UPS, fire alarm/extinguisher system, power distribution, sun protection.

Technical data:

Container:

- Particularly generous dimensions:
 - Outside (L x W x H) 6055 x 3000 x 3250 mm
 - Inside (L x W x H) 5722 x 2664 x 2896 mm
 - Usable floor space: 15.2 m²
- Fire protection to EN 1363/DIN 4102:
 - F30, optionally F90, type-tested
- Burglar resistance to EN 1627/1630
 - Resistance class WK2, optionally WK3

Bulkhead system:

- Type: Hard bulkhead DN200
- Dimensions of packing space: 120 x 120 mm

Climate control – direct free cooling:

Available with 7 and 10 kW units. Up to 3 units can be integrated.

Technical data of 7 kW unit:

- Type: RDF – Rittal direct free cooling
- Useful cooling capacity (tA 32°C, RH 40%): 7.0 kW
- Max. outdoor temperature: +40°C/
 - Min. outdoor temperature: –35°C
- Refrigerant: R407c
- Filter grade: F 7
- Unit dimensions (H x W x D): 2370 x 780 x 325 mm
- Sound pressure level, A-weighted, 5 m from external unit, free field: 40 dB (A)

Raised floor:

- Substructure type: Control room
- Number of slotted plates dependent on number of racks
- Total raised height: 300 mm

Power distribution:

- Infeed: Wall-mounted CEE connector, 125 A, 3-phase/N/PE, 400 V/50 Hz
- Enclosure dimensions (W x H x D): 600 x 2000 x 400 mm