

CoolRow DX 25 kW with EC Fans SideFrontCooler



SKU	ECDX-S-3-10-48-SFR-25
Produkt Verfügbarkeit	delivery time on request
Breite/width	400
Tiefe/depth	1000
Höhe/height	2200
HE/U	48
kW	25

CoolRow DX 25 kW with EC Fans - Version SideFrontCooler

The CoolRow® is an extremely energy-efficient and powerful series cooling device for cooling server rooms and data centers in a rack installation on the principle of cold aisle hot aisle. Powerful fans draw back of warm air and blow out cold front. The CoolRow® is suitable for both cold aisle containment and cold aisle containment with and without raised floor. Likewise it is to operate the DX Coolrow as side cooling device for directly cooled server racks, in addition different even in a combination of two conditioning methods. Here, the process heat in a highly efficient way is directly recorded back in the rack and made cold air forward into the server room. This adaptive functionality allows a unique climate control concept with the efficiency of a direct- cooled server racks.

- Chiller with 25 kW cooling capacity
- Flexible in cold and hot aisle
- No raised / false floor required
- Pressure control

- Coolant medium DX version
- Flexible and easy to install
- Stock racks can be retrofitted
- Efficient inverter outdoor unit

Technical Datasheet Lehmann CoolRow Air Conditioners

CoolRow 24 kW version

COOLING CAPACITY

Full kW 6-22.5

Sensitive kW 6-20.4

Air inlet temperature 35 ° C

Relative humidity% 35

Power consumption Unit (max.) KW 11

Current consumption unit (max) A 15.5

FANS n. 5

Type EC Radial

Amount of air m³ / h 4500

Ext. Static pressure Pa 20

COMPRESSOR

R410A

Type Hermetic BLDC

Number n. 1

Kältekreislauf n. 1

Speed RPM 2400

Modulation range RPM 2400-4200

AIR FILTER n. 2

G4

GLOBAL ELECTRICAL DATA (ACCESSORIES INCLUDED)

Voltage V-ph-Hz 400-3-50 + N + T

Power consumption kW 11

Total current consumption A 15.5

Max. Current consumption FLA A 16

Starting current LRA A 16

SOUND PRESSURE LEVEL, 3 m clearance in free field (ISO3746)

from the front side dB (A) 68

Dimensions Width mm 300

Depth mm 1000

Height mm 2000 + 100

Shipping weight kg 155

AIR COOLED LIQUID

Outside air temperature 35 ° C

Number ° Cn. 1

Series and size CR 34 Kc

AXIAL FANS n. 2

Amount of air m³ / h 11800

Rated power kW 0.98

Max. Current consumption FLA A 4.72

POWER SUPPLY V-ph-Hz 230/1/50

SOUND PRESSURE LEVEL, 10 m clearance in free field dB (A) 44

DIMENSIONS

Length 1540 mm

Width 780 mm

Height mm 800

Transport weight 56 kg

CONNECTION OF REFRIGERANT LINES IN / OUT mm 18/16