CoolRow DX 25 kW with EC Fans Frontcooler

SKU	ECDX-S-3-12-42-FR-25
Produkt Verfügbarkeit	delivery time on request
Breite/width	400
Tiefe/depth	1200
Höhe/height	2000
HE/U	42
kW	25

CoolRow DX 25 kW with EC Fans - Version Front Cooler

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
Kältekreisläuf 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