Cooling unit

COOLUNIT MKZ 550 D

Artikelnr.: HM2000003991

Your advantages

- **Scroll compressor**
- **Reduced sound level**
- **R-32 refrigerant - high-performance and environmentally friendly**
- **4-stage regulation of the cooling capacity**
- **2 cooling circuits (redundancy)**

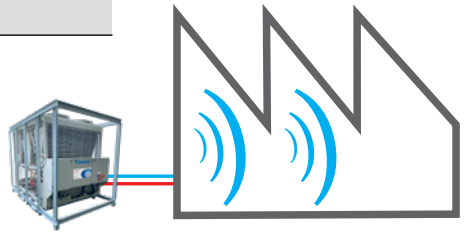
First air-cooled chiller on the market with scroll compressors and R-32.
Choosing a system with R-32 allows to reduce the environmental impact to 68% compared to systems with R-410A. Thanks to the high energy efficiency, energy consumption drops immediately. The fan speed modulation also ensures an accurate airflow regulation and an optimized condensation temperature. The overall power consumption of the chiller is minimized through the dynamic condensation pressure regulation, which allows the chiller controller to adjust the setpoint of the condensation pressure. One or two completely independent refrigerant circuits offer exceptional reliability.
Areas of application: industrial and comfort air conditioning, as well as process cooling.

Technical specifications / Accessories

Type	COOLUNIT MKZ 550 D
Cooling output 7° / 12° C and 32° C ambient temperature	539.5 kW
Dimensions (L x W x H)	4,445 x 2,424 x 2,780 mm
Weight	transport weight: 4,800 kg operating weight : 5,550 kg
Refrigerant	R32
Compressor	Scroll
Connection	on site: IF / OF - 4“
Electrical power intake	215.10 kW
Power	433 A
Electrical power supply	400 V / 50 Hz / 3 Ph
Electrical connection	single wire
Sound pressure level	in 1 m 71 db (A)
Volumetric flow rate, water	29.9 - 149 m³/h
Discharge heads	14.3 - 34.1 m
Max. permitted system pressure	6 bar

Subject to technical changes - only for information

Areas of application:



Accessories	Item number
 **COOLAIR MLG 150 FU** 20,000 m³/h ventilation device, adjustable in five stages	HM2000000237
 **HOTVOLUME MAG** Mobile expansion tank	HM2000000260
COOLVIEW With digital remote monitoring, you can easily keep an eye on the operating data of your energy system at any time and from anywhere	HM2000005126

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