Cooling unit
COOLUNIT MKZ 150 D

Artikelnr.: HM2000000228

Your advantages

- **Highest energy efficiency**
- **Environmentally friendly refrigerant R-32**
- **Low operating costs and longer service time**
- **Reduced sound pressure level**
- **Dynamic condensation pressure regulation**

First air-cooled chiller on the market with scroll compressors and R-32.
The COOLUNIT chiller is designed for maximum energy efficiency, thereby reducing operating costs and environmental impact. It has highly efficient scroll compressors, a condenser with an enlarged surface area and a plate evaporator with lower pressure drop and refrigerant charge.

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 scroll compressors consist of two scrolls, one is fixed while the other orbits eccentrically around it. Designed for small and medium capacities, they ensure reliable and high-efficiency operation constantly throughout their service life.
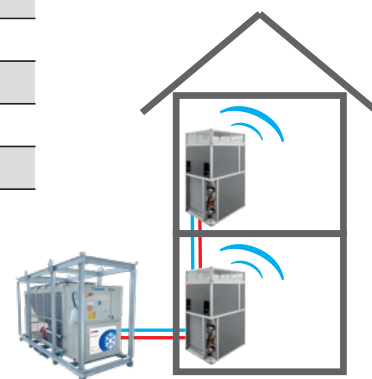
Technical specifications / Accessories

Areas of application:

Type	COOLUNIT MKZ 150 D
Cooling output 7° / 12° C and 32° C ambient temperature	147.7 kW
Dimensions (L x W x H)	4,170 x 1,510 x 2,380 mm
Weight	transport weight: 1,650kg operating weight : 1,659kg
Refrigerant	R32
Compressor	Scroll
Connection	Bauer 2" (Male/Female)
Electrical power intake	41.86 kW
Power	100 A
Electrical power supply	400 V / 50 Hz / 3 Ph
Electrical connection	125 A / 400 V /~3/N/PE
Sound pressure level	in 1 m 70 db (A)
Volumetric flow rate, water	12.0 - 19.2 m³/h
Discharge heads	18.9 - 28.3 m
Max. permitted system pressure	6 bar

Subject to technical changes - only for information

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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