



# Cooling unit

## COOLUNIT MKZ 100 D

ArtikelNr.: HM2000000227



### Your advantages

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

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.

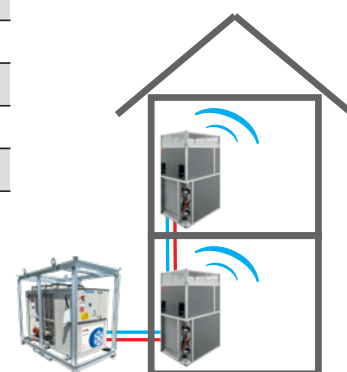
Choosing a system with R-32 allows to reduce the environmental impact to 68% compared to systems with R-410A. Thanks to the high energy efficiency, energy consumption drops immediately. The scroll compressors consist of two scrolls, one is fixed while the other orbits eccentrically around it. Designed for small and medium capacities, they ensure reliable and high-efficiency operation constantly throughout their service life.

# Technical specifications / Accessories




Type	COOLUNIT MKZ 100 D
Cooling output 7° / 12° C and 32° C ambient temperature	105.30 kW
Dimensions (L x W x H)	with transport frame 2,960 x 1,510 x 2,510 mm
Weight incl. transport frame	transport weight: 1,450 kg operating weight: 1,595 kg
Refrigerant	R32
Compressor	Scroll
Connection	Bauer 2" (Male / Female)
Electrical power intake	37.77 kW
Power	86 A
Electrical power supply	400 V / 50 Hz / 3 Ph
Electrical connection	125 A / 400 V / ~3N/PE
Sound pressure level	at 1 m 65 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

Areas of application:



## Accessories

	<b>COOLAIR MLG 150 FU</b> 20,000 m³/h ventilation device, adjustable in five stages	Item number HM2000000237
	<b>HOTRAMP MÜR</b> Mobile drive-over ramps made of robust hard rubber	HM2000000289
	<b>COOLPUMP MKP</b> The cold pump also for outdoor use	HM2000000247