

# Cooling unit

## NOVACHILL MKZ 20 D



Air-cooled scroll inverter chiller. Inverter compressors continuously adjust the compressor speed to actual requirements. Less energy-consuming starts and stops lead to reduced energy consumption (up to 30%) and more stable temperatures.

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.

Single-phase power supply for residential applica-

tions, three-phase power supply available for smaller commercial applications.

### Your advantages

- Low noise level and best ESEER value
- Wide operating range
- Integrated hydronics
- Simple “plug-and-play” installation
- Low operating costs, high energy efficiency
- Minimal starting currents

# Technical specifications

Type	NOVACHILL MKZ 20 D
Cooling output 7°/12° C and 32° C ambient temperaturer	20.48 kW
Refrigerant	R410A
Compressor	Scroll
Connection	Storz D (31KA)
Electrical power intake	6.95 kW
Max. Power	27.1 A
Max. Starting current	80 A
Electrical power supply	400 V / 50 Hz / 3 N~
Electrical connection	32A / 400 V / ~3/N/PE
Sound pressure level at 1 m	62 db (A)
Volumetric flow rate, water max.	4.7 m³/h
Discharge heads	22.8 - 27.7 m
Max. permitted system pressure	3 bar
Dimensions w. transport frame	1,370 x 1,770 x 2,330 mm (L x W x H)
Transport / operating weight	620/647 kg (incl. transport frame)



Can be combined with various accessories, such as our COOLAIR MLG 25 ventilation unit.

Subject to technical changes - only for information

With the HOTMOBIL, mobiheat and NOVACHILL brands, the ENERENT Group is your partner for mobile energy:

## Region North

Zip code area: 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29

Phone: +49 4105 14994 00

e-mail: nord@enerent.de

### Locations:

- 🏠 Auf dem Salzstock 11  
21217 Seevetal
- 🏠 Duvendahl 88  
21435 Stelle

## Region East

Zip code area: 01, 02, 03, 04, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 39

Phone: +49 3361 355 97 0

e-mail: ost@enerent.de

### Locations:

- 🏠 Karl-Liebknecht-Straße 27  
15517 Berlin (Fürstenwalde)
- 🏠 Döbichauer Str. 5-7  
04435 Leipzig (Schkeuditz-Dölzig)

## Region South-East

Zip code area: 80, 81, 82, 83, 84, 85, 86, 87, 89, 90, 91, 92, 93, 94, 95, 96

Phone: +49 821 99966200

e-mail: suedost@enerent.de

### Locations:

- 🏠 Winterbruckenweg 58  
86316 Friedberg (Derching)
- 🏠 Otto-Hahn-Ring 4  
85301 München (Schweitenkirchen)

## Region South-West

Zip code area: 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 88

Phone: +49 7731 169 57 00

e-mail: suedwest@enerent.de

### Locations:

- 🏠 Zeppelinstraße 5  
78244 Gottmadingen
- 🏠 Brunnenfeldstraße 11  
74629 Heilbronn (Pfedelbach)

## Region West

Zip code area: 30, 31, 32, 33, 34, 36, 37, 38, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 57, 58, 59, 98, 99

Phone: +49 208 306712 00

e-mail: west@enerent.de

### Locations:

- 🏠 Max-Planck-Ring 16  
46049 Oberhausen
- 🏠 Reinhard-Rube-Str. 21  
37077 Göttingen

## Region Middle

Zip code area: 35, 54, 55, 56, 60, 61, 63, 64, 65, 97

Phone: +49 6102 74869 00

e-mail: mitte@enerent.de

### Locations:

- 🏠 Hans-Böckler-Str. 18  
63263 Frankfurt (Neu-Isenburg)