



# Cool EVO 161

## 45 kW Chiller

EUROVENT  
certified



### Technical Specification

|                        |                                       |
|------------------------|---------------------------------------|
| Dimensions (L x W x H) | 2.250 x 770 x 1.610 mm                |
| Weight                 | 674 kg                                |
| Water Connections      | 2" Bauer Quick Release                |
| Nom. Cooling Capacity  | 43,6 kW at 7/12°C and<br>32°C Ambient |
| Compressor             | 1 x Scroll hermetic                   |
| Refrigeration Circuits | 1                                     |
| Refrigerant            | R 407C                                |
| Nom. Water Flow        | 7,47 m <sup>3</sup> /h                |
| Delta T min / max      | 4 – 10 K                              |
| Max. Working Pressure  | 6 bar                                 |
| Electr. Power Absorbed | 21 kW                                 |
| Power Supply           | 400 V / 50 Hz / 3 Ph                  |
| Max. Running Current   | 37 amp                                |
| Power Connections      | 63 amp C form plug                    |
| Sound Pressure Level   | 55 dB(A) / 10 m free field            |

Wird das Gerät an einem Fehlerstromschutzschalter (FI) betrieben, ist ein allstromsensitiver FI Typ B zu verwenden / If a Residual Current Device (RCD) is used, it has to be RCD type B (AC-DC sensitive)

Herstellerangaben. Technische Änderungen vorbehalten / Abb. ähnlich  
Manufacturers data. Specifications subject to change without notice / fig. similar

### Features

This fully packaged chiller contains a single hermetic Scroll compressor with optional non-ferrous food safe cooling circuit and two axial fans.

With quick-release water and power connections, Cool EVO 161 has been designed for a fast rental installation and start up.

The chiller can be supplied with an atmospheric or pressured set-up and can manage a wide range of temperature requirements (-10 to +20°C).

### Benefits

The 45 kW rental chiller contains a large integral 255 litre thermal buffer tank and a 3 bar circulation pump, which draws from the tank to supply the incumbent cooling system.

The chiller cycles off when the set outlet temperature in the evaporator has been achieved. This lightweight unit has been built to a width of less than 1 m to reduce the space required on site.

This chiller can be run in parallel with the Cool Energy range of rental chillers and has been designed to connect to the range of rental AHU's.

For example  
compatible with  
Air Handling Units  
**Cool AIR 50**  
**Cool AIR 25 LT**

