



Cool PHOENIX plus 280 SN 593 kW Chiller

**EUROVENT
certified**



Technical Specifications

Dimensions (L x W x H)	4.530 x 2.400 x 2.550 mm
Weight	5.500 kg
Water Connections	4" Bauer Quick Release
Nom. Cooling Capacity	593 kW at 7/12°C and 32°C Ambient
Compressor	2 x Bitzer Screw adjustable 25 – 100%
Refrigeration Circuits	2
Refrigerant	R 134a
Min. Water Flow	43 m³/h
Min. Water Flow	127 m³/h
Delta T min / max	4 – 10 K
Max. Working Pressure	6 bar
Electr. Power Absorbed	292 kW
Power Supply	400 V / 50 Hz / 3 Ph
Max. Running Current	480 amp
Power Connections	12 mm LUGS
Sound Pressure Level	61,5 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 the latest energy-saving semi-hermetic Bitzer Screw compressors, managed on 2 independent refrigeration circuits and 6 steps of capacity control. The chiller is fully Eurovent compliant and offers the latest HFC R 134a.

With 4" (150 mm Flange PN16) quick-release water and lugged power connections, Cool PHOENIX plus 280 SN 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 +25°C).

Benefits

The 593 kW rental chiller has been designed to offer a low-noise option to the HVAC and process cooling market. In addition to this, CoolEnergy is committed to reducing carbon emissions throughout the industry. Eurovent currently rates this rental chiller at ESEER 3.75 and IPLV 4.27 in energy efficiency.

We can also provide connecting piperun & standby pumps and water tanks.

**For example
compatible with
Air Handling unit
Cool AIR 350 F**

