



# Cool GALAXY 100 N

## 265 kW Chiller



EUROVENT  
certified



### Technical Specification

Dimensions (L x W x H)	2.500 x 2.335 x 2.450 mm
Weight	2270 kg
Nom. Cooling Capacity	265 kW at 7/12°C and 32°C Ambient
Water Connections	4" Bauer Quick Release
Compressor	4 x Scroll hermetic
Refrigeration Circuits	2
Refrigerant	R 410A
Nom. Water Flow	41,2 m <sup>3</sup> /h
Delta T min / max	4 – 10 K
Max. Working Pressure	6 bar
Electr. Power Absorbed	143 kW
Power Supply	400 V / 50 Hz / 3 Ph
Max. Running Current	250 amp
Sound Pressure Level	62,6 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

Cool GALAXY 100 N is an air-cooled chiller, equipped with modular finned core condensers, axial fans, 4 multiple Scroll compressors connected in parallel (tandem) serving 2 independent refrigerant circuits, independent aeraulic condensing sections, and special shell and tube evaporators. These solutions make it possible to enhance energy efficiency at low loads.

The chiller is fully CE compliant and offers the latest HFC R 410A. Weather proof type with protection grade IP 54.

The chiller is suitable to work with evaporator outlet water temperature from -10°C up to +15°C.

### Benefits

The condenser coils are of the finned core type with aluminium swirl fins, copper headers and finned tubes on the gas side to maximise the exchange coefficient, galvanized sheet metal shoulders, modular transverse "V" formation, connected in parallel pairs, in order to maximise the ratio between the thermal exchange surface area and the footprint.

Cool GALAXY 100 N is specifically designed for outdoor installation.

A broad range of options available in product configuration and as accessories kit complete the already generous standard equipment and allow this unit to meet the majority of requirements of industrial applications.