

100KW CHILLER UNIT

Our 100kW chiller is a powerful and reliable fluid chiller designed to provide industrial and commercial applications with large volumes of chilled water – reducing temperatures to as low as -5°C. The easily portable unit is mounted on robust base plates, making it easy and convenient to be transported and positioned with minimal disruption. When connected to your existing cooling system or used in combination with any air handling unit from our range, this environmentally friendly unit has the ability to provide large volumes of cooling and heating at a low power consumption. The 100kW chiller can operate unattended and is perfect for providing climate control to large volume spaces, including body storage applications, hospitals and server rooms.



FEATURES

- Lifting frame – facilitates transport and deployment
- Low temperature capability – down to as low as -5 °C
- Quiet operation – low noise level of 58 dBA @ 10 metres
- Economical – reducing running costs
- Fast connecting line couplings – for simple and fast installation
- Provides both heating and cooling – for all year-round use
- Fully portable – can be positioned more easily
- Robust construction – will stand up to the rigours of industrial use

ENVIRONMENTS

- Body storage
- Process cooling
- Manufacturing and industry
- Hotels and resorts
- Emergency chillers
- Marquees
- Building and construction
- Pharmaceuticals
- Screed drying
- Hospitals and healthcare

TECHNICAL

- Nominal cooling duty 100 kW 341,200 btu
- Nominal heating duty (HP version) 100 kW 341,200 btu
- Power supply 415 V 3 ph N+E 50 Hz Run 60 A
- Plug type BS4343 63 A 5 pin
- Noise level (max) 58 dBA @ 10 metres
- Weight 1,560 kg
- Dimensions (L x W x H) 3,090 x 1,330 x 2,775 mm
- Control Automatic programmer
- Average power consumption 18 kW/h
- Generator size 75 kVA
- Water Connection 50mm (2") bauer
- Nominal water flow 5 l/s