

GREEN+EFFICIENT CHILLERS



THE SAPPHIRE RANGE

Compact Chillers for domestic and commercial use.

- Environmentally-friendly carbon dioxide (CO₂) as sole refrigerant
- Single compressor unit with direct expansion
- 'Plug and play' design
- Easy to install and maintain

	SCH-150	SCH-250	SCH-450	SCH-700
Cooling capacity (kW)	15	25	45	70
Coefficient of performance (COP)	4	4	4	4
Evaporating temperature (°C)	5	5	5	5
Gas cooler outlet temperature (°C)	25	25	25	25

* Data shown for the following parameters: T_e = 5°C

THE COBALT RANGE

Large Chillers for commercial and industrial use.

- Environmentally-friendly CO₂ as sole refrigerant
- Multi-compressor unit with flooded evaporation
- Heat reclaim can be added to boost efficiency



Cooling capacity (kW)	300 – 1000
Frequency range (Hz)	30 – 80
COP	4.5

Designed for efficiency

- High thermal properties of CO₂ increase efficiency
- High evaporating temperatures are realised through flooded evaporation
- COP of up to 5
- Effective system controls for best performance

FOR MORE INFORMATION
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