



Energize4

IMI Cornelius is proud to introduce a new environmentally friendly soda circuit product range: Energize - the cooler with an integrated diagnosis system. Using state-of-the-art active process control technology, Energize saves up to 60%* of energy compared to conventional cooling systems with the same capacity. This amounts to 3 tons* of annual CO₂ savings per installed system.

Additionally, we integrated a new diagnosis system. This unique self-diagnosis-feature detects and identifies failures and problem areas within the system before they actually occur. This allows a prophylactic troubleshooting by a technician before the unit fails during the sales period, thus preventing actual system downtime. And there's more: Energize collects various sorts of sales data, allowing statistical analysis of sales volume and the unit's technical performance over time.

* Based on an Energize5 system with 30 m python and 32 °C ambient temperature

Key features



Intelligent variable speed recirculation and agitation



Syrup conditioning heat exchange at point of use



Improved water bath insulation



Diagnostics (SMART-Box integrated)



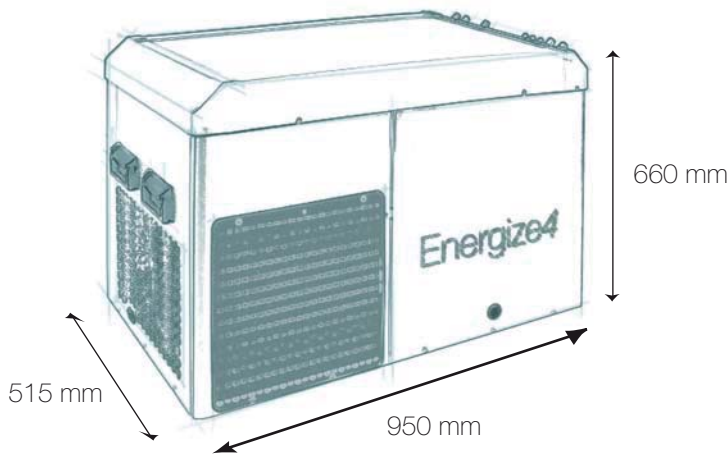
Snooze-mode



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Maximum performance

Dispense capacity at rate of 2 Drinks a minute **

0.355 litres each at 40°C: 420 drinks

Dispense capacity at rate of 4 Drinks a minute **

0.355 litres each at 40°C: 300 drinks

0.355 litres each at 24°C: 650 drinks

0.3 litres each at 32°C: 430 drinks

0.3 litres each at 24°C: 900 drinks

Refrigeration

Compressor power: 885 watt (3/4 hp)*

Ice bank weight: 30 kg

Initial pull down time (40°): 315 minutes

Ice bank capacity: 2400 kcal

Evaporator type: Stainless Steel

Condenser type: Air cooled

Refrigerant: R134a

Pump Performance

Carbonation Pump: 2 x 280 l/h

Recirculation Pump: 320 l/h

Control type

Electronic ice bank

Cooling Coils

Material: Stainless Steel

Number of cooling coils: 11

Syrup (optional): 8

Premix (optional): 2

Still water (optional): 1

Diameter: 7 and 10 mm

Connection: Generally 1/2" BSF except still- and sodawater 5/8" UNF and water inlet

Maximum ambient temperature 40 °C

Electrical

Supply voltage: 230V / 50 Hz
Power consumption: 1700 watt (10A)
Supply: 2 m mains cable

Dimensions

Height: 660 mm
Width: 950 mm
Depth: 515 mm

Weight

Dry weight: 105 kg
Dispatch weight: 110 kg

Variations and order numbers Energize4

Soda Circuit **22 1001 400**

"Registered Patent - EP 1876137, EP 1905730, WO 2009/087336, WO 2009/090354, GB 2440329, GB 2448621"
"Patent - GB 2446312"

* at -10°C evaporator temperature

** with 15 m Energize Python and Tower with Heat Exchanger

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