



Energize5

single & dual

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



Natural environment friendly refrigerants (R290)



Intelligent variable speed recirculation and agitation



Syrup conditioning heat exchange at point of use



Improved water bath insulation



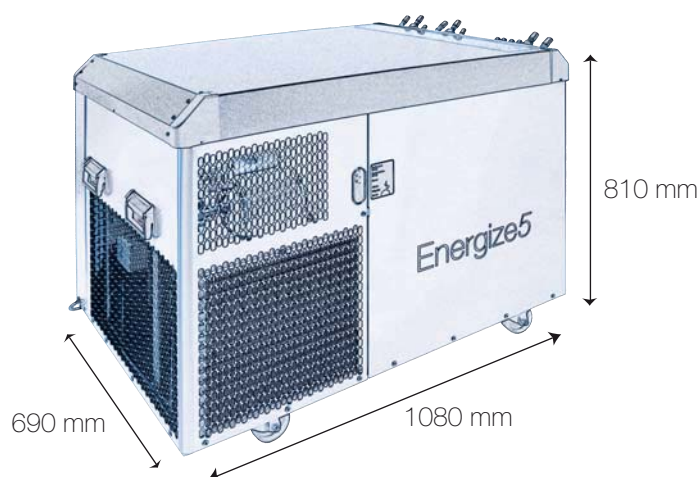
Diagnostics (Smart)



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Maximum performance

Dispense capacity at rate of 4
Drinks a minute **

à 0,355 litres each at 40°C	550 drinks
à 0,355 litres each at 24°C	3000 drinks
à 0,3 litres each at 32°C	950 drinks
à 0,3 litres each at 24°C	4000 drinks

Refrigeration

Compressor power:	1437 watt (1 hp)*
Ice bank weight:	60 kg
Initial pull down time (40°):	450 minutes
Ice bank capacity:	4800 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 (single Carb.) 2 X 320 l/h (dual Carb.)

Control type

Electronic ice bank

Cooling Coils

Material:	Stainless Steel
Number of cooling coils:	11
Syrup (optional):	8
Premix (standard):	1 single version 2 dual version
Still water (standard):	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:	2000 watt (10A)
Supply:	2,5 m mains cable euro style plug

Dimensions

Height	810 mm
Width	1080 mm
Depth	690 mm

Weight

Dry weight:	120 kg
Dispatch weight:	125 kg

Variations and order numbers Energize5

Germany stainless steel:

Soda Circuit single	22 1002 500
Soda Circuit dual	22 1002 501

International painted:

Soda Circuit single	22 1002 504
Soda Circuit dual	22 1002 505

"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 30 m Energize Python and Tower with Heat Exchanger

IMI Cornelius reserves the right to modify the details in the publication as products and specifications are updated and improved. All data contained in this literature is correct at time of print. To ensure technical data is accurate please contact IMI Cornelius prior to placing your order.



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