

# Evo 100<sup>AT</sup>

Evo from IMI Cornelius delivers exactly what it promises: high performance cooling, durable design and robust reliability. Built using trusted technology and proven engineering expertise, its simple, affordable design provides:

- Excellent build quality and highly efficient operation
- Guaranteed cost-effective cooling performance
- Consistent in-glass temperatures and taste
- Easy installation and exceptional serviceability
- A perfect fit with our stylish Eva front range

Evo is the perfect blend of simple, functional design and high quality performance.

Key features include:

- Robust design, for extra reliability
- Hinged service hatch with clips for quick, easy access to serviceable parts
- Innovative ice-bank inspection hatch for checking the ice-bank
- 360 degree lid orientation for easy installation
- Interchangeable pumps and coils to enhance flexibility, and facilitate local customisation
- Optimised refrigeration performance to ensure optimum performance for the size of cooler





#### Performance:

Amount of product dispensed in the first hour with a  $\Delta T$  of:

10°C:	199 litres
<b>20°C:</b>	<b>100 litres</b>
30°C:	66 litres

Maximum ambient temperature: 32°C

#### Weight:

Unloaded:	36 kg
Packed:	38.5 kg
Operational:	78.5 kg

#### Electrical:

Mains supply:	230v 1 ph 50Hz
Run current:	3.2 amps
Start current:	21.1 amps
Fuse:	10 amps
Consumption: (Evo cooler alone, no python)	Typically 0.092 kWh
Supply:	2m mains cable Euro style plug

#### Refrigeration:

Compressor:	12cc / 0.42hp
Compressor starting torque:	Low starting torque
Compressor duty (-10°C Evap temp)	464 watts
Water bath capacity:	42 litres
Ice bank weight:	20 kg
Ice phase duty:	463 watts
Condenser type:	Air cooled - Steel Construction
Expansion device:	Capillary
Refrigerant:	R134a

#### Product coils:

Material:	304 stainless steel
Diameter (internal/external):	7/8mm (5/16") or 8.5/9.5mm (3/8")
Length/Quantity:	9.5mm - 9m long up to x4 or, 7.9mm - 10m long up to x4 or, 7.9mm - 20m long x2

#### Python Pump:

Type:	Yes	Yes	Semi-Submersible
Output:	55	60	Watts
Speed:	2750	2800	Rpm
Protection:	Yes	Yes	Thermal trip
Max flow rate (@ no pressure)	9.1	15	litres per minute
Max lift @ min flow:	5m	12m	
Connection size:	Yes		9.5mm OD fixed connections
		Yes	15mm OD connections

Agitation type:

Continuous

#### Control type:

Mechanical thermostat

#### Fan Motor:

Output:	5 watts
Speed:	1300 rpm
Direction:	Counter clockwise shaft end
Protection:	Impedance protected

#### Compliance To Standards And Legislation

All coolers comply with Brewers Society Code of Practice for Electrical Safety in Beer Dispense in Licensed Premises. Designed to EN60335 part1 (Safety of Household and Similar Electrical Appliances-General Requirements). Product coils are made from 304 stainless steel. Product complies with the current EMC Directive.

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.

