



PRODUCT DATA SHEET

Date: 10th August 2005

Issue No: 1

EVO 50

06 1 1902XX

Options:

Product coils: 5/16" (7.9mm) 10 or 20m long or 3/8" (9.5mm) 9m long

Pump: Cornelius Lo-Flow or Med-Flow

Performance

Amount of product dispensed in the first hour with a ΔT of 20°C: 50 Litres

Maximum ambient temperature: 32°C

Dimensions

Height: 630 mm

Width: 350 mm

Depth: 350 mm

Weight: unloaded 27 kg

Packed 29 kg

Operational 46 kg

Electrical

Mains supply: 230v 1ph 50Hz

Run current: 2.9 amps

Start current: 14.8 amps

Fuse: 10 amps

Consumption: (EVO cooler alone, no python) Typically 0.102 kWh

Supply: 2m mains cable Euro

Style plug

Refrigeration

Compressor: 7.5 cc

Compressor starting torque: Low starting torque

Compressor duty: (-10°C Evap temp) 260 watts

Ice bank weight: 8.9 kg

Ice phase duty: 271 watts

Evaporator type: Copper tube

7.9mm dia x 9.3m

Condenser type: Air Cooled – Steel Construction

Expansion device: Capillary 3m x 0.042" I.D.

Refrigerant type charge: R134a refer rating plate

Fan Motor

Output: 5 watts

Speed: 1300 rpm

Direction: Counter clockwise shaft end

Protection: Impedance protected

Fan blade: Diameter 8" (5 blades)

Pitch 30°



EVO 50

| Python Pump | Lo-F | Med-F | |
|------------------------------|-------------|--------------|----------------------------|
| Type: | Yes | Yes | Semi-Submersible |
| Output: | 6.5 | 55 | Watts |
| Speed: | 2400 | 2750 | Rpm |
| Protection: | Yes | | Single shot fuse |
| | | Yes | Thermal trip |
| Max flow rate @ no pressure: | 5.9 | 9.1 | litres per minute |
| Max lift @ min flow: | 1.8 | 5.0 | Metres |
| Connection size: | Yes | | 9.5mm OD tube |
| | | Yes | 9.5mm OD fixed connections |

| Controls | |
|-----------------|-----------------------|
| Control type: | Mechanical thermostat |

| Agitation | |
|------------------|------------|
| Type: | Continuous |

| Product coils | |
|----------------------|--|
| Material: | 304 stainless steel |
| Diameter: | 5/16" or 3/8" O.D |
| Length/Quantity: | 5/16" (7.9mm) 10m long up to x3, or 3/8" (9.5mm) 9m long up to x3 or 5/16" (7.9mm) 20m long x 1 |

Compliance To Standards And Legislation

All coolers comply with Brewers Society Code of Practice for Electrical Safety in Beer Dispense in License 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 (UK) Limited
Rawson Spring Way, Riverdale Industrial Estate, Sheffield S6 1PG
Tel: +44 (0) 1142 855886 Fax +44 (0) 1142 321070
www.corneliusuk.com