

**PRODUCT DATA SHEET**

Date:

Issue No: 4

STANDARD PRODUCT OPTIONS

48 1130 102	2 product coils, 6.0m long, 9.5mm ($\frac{3}{8}$ ") OD with agitator Fitted with 3 pin plug fused at 13 amps
48 1130 108	2 product coils, 6.0m long, 9.5mm ($\frac{3}{8}$ ") OD with recirculation pump Fitted with 3 pin plug fused at 13 amps

PERFORMANCE

Pull down:	3 hours (from water at 10°C in a 24°C ambient)
Nominal ice bank weight:	11.0kg
Thermal capacity ice bank:	3685kJ (880kCal)
Maximum ambient temperature:	32°C

DIMENSIONS

Height:	280mm
Width:	620mm
Depth:	480mm (including product coil tails)
Weight dry:	30kg
Weight operational:	44kg

ELECTRICAL

Mains supply:	230v 1ph 50Hz via 2mm of mains cable
Run current:	2.5 amps
Start current:	10 amps

REFRIGERATION

Compressor size:	11cc
Compressor starting torque:	High starting torque
Compressor duty: (-10°C evap temp)	385 watts
Evaporator type:	Copper tube (two stream) 7.9mm ($\frac{5}{16}$ ") OD x 11.3m long
Condenser type:	Air cooled – all steel construction
Expansion device:	Capillary tube (2.8m x 1.07mm ID)
Refrigerant type:	R134a – see rating plate for charge
Fan motor:	Output: 5 watts
Speed:	1250rpm
Direction:	counter clockwise shaft end
Protection:	impedance protection
Fan blade:	Diameter: 180mm
Pitch:	40°
Airflow direction:	Suck †

† Blow – air passes over motor before fan
Suck – air passes through fan before motor



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PUMP (48 1130 108)

Type:	Cornelius No. 2 pump
Pump motor:	Output: 6.5 watts
Speed:	2400rpm
Protection:	single shot fuse
Max flow rate (@ no pressure):	5.4l/min
Max lift (@ minimum flow):	1.87m
Connection size:	9.5mm ($\frac{3}{8}$ ") dia

CONTROLS

Control scheme:	48 1130 102 – Electronic ice bank control. Agitation is controlled by variable thermostat. Changeover switch gives option of constant agitation. 48 1130 108 – Electronic ice bank control. Constant agitation.
Control types:	Electronic ice bank control. Agitator control is by electromechanical (bellows type) thermostat.

AGITATION (48 1130 102)

Assembly type:	Shaded pole, open stack construction
Agitator motor:	Output 6.5 watts, speed 2400rpm
Motor protection:	Single shot fuse

COMPLIANCE TO STANDARDS AND LEGISLATION

All coolers comply with the UK Brewers Society Code of Practice for the Electrical Safety in Beer Dispense in Licensed Premises. They are designed to EN60335 Part 1 (Safety of Household and Similar Electrical Appliances – General Requirements) and contain product coils made from “Food Safe” 316 Stainless Steel.

This product complies with the current requirements of the EMC Directive.



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