

Baths

Optima Series Bath Cooling Systems

Water-cooled and refrigerated systems are available. Both systems have a coil which can be placed under the heater/stirrer unit in 12, 18, 26 and 38-litre baths, so that the working space is not reduced.

Water Coil CW5

For use with mains tap water, suitable for all applications where the required temperature is 2°C or more above that of the tap water used.

BJ240-10 Ref. CW5

Refrigerated Coolers, C1G and C2G

- ◆ R134a CFC-free refrigerant

Catalogue No.		BJ240-32	BJ240-52
Model		C1G	C2G
Liquid temp. range*	°C	0 to +40	-20 to +40
Extraction rate	at 20°C	W 350	400
	at 0°C	W 110	320
	at -10°C	W —	170
Power consumption	W	300	500
Case L x W x H	mm	460 x 305 x 225	460 x 305 x 225
Coil diameter x length	mm	77 x 55	77 x 105
Flexible pipe length	mm	925	925

*Note: C1G and C2G will achieve the lowest specified temperatures provided they are used with a well insulated bath. Please refer to the tank specification table for information on the lowest operating temperature for Optima baths.

Refrigerated Cooler, C1G

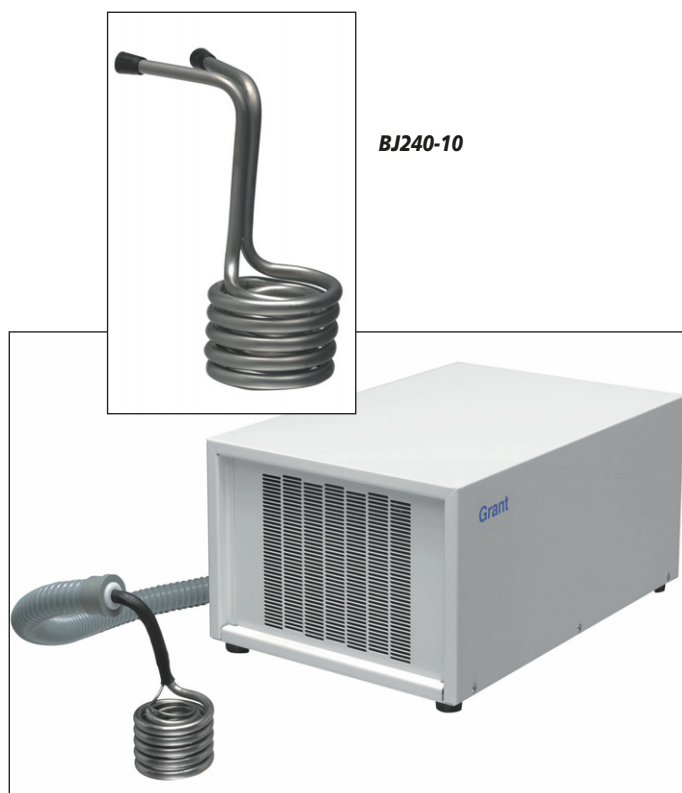
For use with all Optima baths over the range 0 to +40°C. For 220-240V 50Hz single phase supplies.

BJ240-32 Model C1G

Refrigerated Cooler, C2G

For use with all Optima baths over the range -20 to +40°C*. A bath lid must be used below 0°C in order to achieve optimum performance. For 220-240V 50Hz single phase supplies.

BJ240-52 Model C2G



BJ240-32, BJ240-52 is similar

Refrigeration Units

- ◆ Choice of model ranges:-
 - -20 to +100°C, -25 to +150°C, -30 to +200°C
 - Tank volumes: 5 or 6 litres
- ◆ Active cooling throughout the whole temperature range
- ◆ High power (up to 500W) cooling available if required
- ◆ Controller includes digital display of set/actual temperature, three temperature pre-sets, 1 minute to 99 hour 59 minute timer and high (and low – CL120-70/-85 only) temperature alarm settings
- ◆ “Eco” mode operation provides up to 80% energy saving compared to standard chillers with compressor on/off modes
- ◆ High pressure pumping up to 2 bar
- ◆ Adjustable overtemperature cut-out
- ◆ Models LT ecocool 150 and 200 additionally have USB interfaces for remote control via the user’s computer using accessory Labwise software and DIN sockets for connection to external temperature probes

Refrigeration units, LT ecocool

As described. Supplied with built-in controller and pump, stainless steel tank, lid and connectors and adapters for super seal, tubing ferrule, M16 or BSP connections. For 230V 50Hz single phase supplies.

CL120-45 LT ecocool 100

CL120-70 LT ecocool 150

CL120-80 LT ecocool 200

Full details of this range are given in the Circulators section.



CL120-45