

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:-
 - Minimum operating temperatures: -20°C, -30°C, -47°C
 - Tank volumes: 5 litres, 12 litres, 20 litres
- ◆ Rapid cool down
- ◆ All units supplied with bridge plate for Optima T-series controller, removable tank lid, and removable front grille for easy compressor cleaning
- ◆ Liquid drain valve supplied (except Model R1)
- ◆ Low temperature thermostat protects against freezing when used with water
- ◆ R4 and R5 models include high pressure refrigeration switch
- ◆ Refrigeration on all models (except R1), can be switched on and off by programmed TX150 and TXF200 thermostats, or by ancillary equipment
- ◆ Overtemperature cut-out at 100°C
- ◆ Models R1 to R3 have a rear-mounted power supply output for use by Optima controllers

Refrigeration units, R series

As described. With stainless steel internal tank with flat lid and bridge plate for mounting an accessory Optima T-series thermostatic controller. Without controller. For 220-240V 50Hz single phase supplies.

- CL120-30** R1
- CL120-40** R2
- CL120-60** R3
- CL120-65** R4
- CL120-75** R5

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



CL120-40 with BJ180-28