

Refrigerated Baths

Baths and Thermoregulators

These baths are a complete refrigerated circulating system for open or closed applications for temperature ranges from -35°C to 100°C. Each bath is supplied with a lid and bridging plate.

There are three bath capacities: 7 litre (RB-5A), 12 litre (RB-12A) and 22 litre (RB-22A). Temperature control is via one of the four thermoregulators and together they offer a choice of 12 different bath combinations.

- Circulating bath with built in refrigeration
- Temperature range from -35°C to 100°C
- Three different capacities of refrigerated bath; 7, 12 or 22 litre
- The combination of 3 circulating baths and 4 thermoregulators provides 12 options



Technical Specification

Cooling (at 20°C ambient)	RB-5A	RB-12A	RB-22A
Minimum achievable temperature ¹	-20°C	-35°C	-30°C
Cooling capacity at 20°C	145W	240W	240W
Cooling capacity at 0°C	145W	240W	240W
Cooling capacity at -10°C	110W	230W	220W

Dimensions

Dimensions - L x W x H (mm) ²	430 x 250 x 566	430 x 370 x 610	430 x 395 x 565
Liquid surface to top of bath - max (mm)	65	65	65
Internal dimensions - L x W x H (mm)	192 x 151 x 200	208 x 300 x 150	360 x 295 x 220
Working length to thermoregulator (mm)	224	224	250
Working depth - max/min (mm)	180/135	130/85	200/160
Working capacity max/min (litres)	7.0/5.5	11.6/9.6	22/18
Shipping weight, kg ³	31	53	61

¹ Using a mixture of 50% water and 50% antifreeze to achieve -20°C or 40% water, 40% antifreeze, 20% ethanol to achieve -35°C.

² Overall size with thermoregulator

³ Add thermoregulator and bath shipping weight to get shipping weight of complete bath system.

Ordering Information

Description	Product codes	
	230V	115V
RB-5A bath, 7 litre capacity with built in refrigeration unit, -20°C to 100°C	FRB5D	FRB5P
RB-12A bath, 12 litre capacity with built in refrigeration unit, -35°C to 100°C	FRB2D	FRB2P
RB-22A bath, 22 litre capacity with built in refrigeration unit, -30°C to 100°C	FRB22D	FRB22P



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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