

# 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 <sup>1</sup>	-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) <sup>2</sup>	RB-5A	RB-12A	RB-22A
Dimensions - L x W x H (mm) <sup>2</sup>	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 <sup>3</sup>	31	53	61

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

<sup>2</sup> Overall size with thermoregulator

<sup>3</sup> 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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