

Basic digital water bath range – JB Academy

An ideal choice for schools and colleges requiring a basic simple-to-use quality water bath. Base tray included as standard. A great value range consisting of three models - 5L, 12L and 18L.

- Ambient +5°C to 95°C
- Unique Set and Forget™ technology - fast heat-up, reliable temperature control
- Stability $\pm 0.5^\circ\text{C}$
- Simple, intuitive controls - quick and easy to set temperature
- Practical front panel lock - disables front panel controls preventing unintentional temperature changes
- 3 year warranty



JBA12 model shown






- Markets:**
- Education, schools, colleges and industry
- Applications:**
- Practical science demonstration, sample warming, media preparation








Unstirred water baths » JB Academy range » Specifications, options and accessories

JB Academy digital unstirred water bath range – summary of specifications

● = standard

		Basic unstirred baths – JB Academy		
		JBA5	JBA12	JBA18
		 h: 205mm d: 215mm w: 335mm weight: 3.5kg	 h: 227mm d: 390mm w: 360mm weight: 5.5kg	 h: 277mm d: 590mm w: 335mm weight: 8kg
Tank capacity	L	5	12	18
Min/max liquid depth	mm	50/125	50/125	50/125
Temperature range	°C	ambient +5 to 95		
Temp.display and setting resolution	°C	0.5		
Temp stability (DIN 12876) @ 70°C	±°C	0.5		
Temperature setting/energy regulation		digital		
Fixed thermal cut-out		●		
Dry start/run dry protection		●		
Working area (d x w)	mm	281 x 131	281 x 306	281 x 485
Heater power 230V/120V	W	350/350	800/800	1400/1050
Supply voltage	V	120 or 230		
Regulatory Approval		CE and CSA approved		

Options and accessories

	JBA5	JBA12	JBA18
	5L	12L	18L
	Polycarbonate transparent lids*		
	AQL5	AQL12	AQL26
	Directs condensation away from immersed vessels, avoids contamination, reduces evaporation and saves energy		
	Stainless steel sloping lids*		
	LU6	LU14	LU28
	Flat lids*		
	LF6 (2 ring sets)	LF14 (4 ring sets)	LF28 (6 ring sets)
	With ring sets of variable hole diameter to accommodate tall vessels whilst reducing evaporation		
	Polypropylene spheres* (packs per bath)		
	1 x PS20	1 x PS20	2 x PS20
	Useful alternative to a lid, minimises evaporation and heat loss whilst allowing easy access to vessels in the bath; particularly useful for tall vessels		
	Raised shelves – reversible, allows two shelf depths. h = shelf height above tank base (mm)		
	–	RS14H (h 40 or 78) shelf covers half area of JBA12	RS18H (h 40 or 135) shelf covers half area of JBA18
	Racks (no. per bath)		
	1 x J2	2 x J2	4 x J2
	Choice of 8 variants to accommodate different tube diameters and microtubes (see below)		
	Replacement base trays		
	AQBT5	AQBT12	AQBT26
	Required if flat-bottomed flasks are to be placed directly on the base of the bath and to promote thermal convection in the bath		

* lid or spheres recommended to be used above 60°C

Unstirred Bath Racks

J2 Racks	Tube size Ø	Capacity	J2 Racks	Tube size Ø	Capacity	J2 Racks	Tube size Ø	Capacity	J2 Racks	Tube size Ø	Capacity
J2-10	10mm	84	J2-16	16mm	36	J2-25	25mm	18	J2-SE	0.5ml	105
J2-13	13mm	55	J2-19	19mm	32	J2-30	30mm	12	J2-LE	1.5ml	65



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Use the above details to contact us if this literature doesn't answer all your questions.

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.

