

Unstirred water baths » JB Nova » **NEW!**

General purpose digital water bath range – JB Nova

General purpose water baths with stable temperature control, simple interface and fast heat-up. A choice of four models with a base tray and lid included as standard.

- Ambient +5°C to 95°C
- **Unique Set and Forget™ technology** - fast heat up, reliable temperature control
- **Stability ±0.5°C**
- **Simple, intuitive controls** - quick and easy to set temperature
- **Drain tap on 12L, 18L and 26L baths**
- **Practical front panel lock** - disables front panel controls preventing unintentional temperatures changes
- **3 year warranty**



JBN12 model shown

Grant non-drip clear lid, included as standard – improves performance, limits evaporation and conserves energy

Base tray (included as standard) – promotes heat convection and optimal temperature uniformity, also allows any container to be placed directly in the bath

Front panel lock disables front panel controls preventing unintentional temperature changes

Clear, wide-angle viewing LED display - instant reassurance of bath status

Advanced dry run and run dry protection - prevents costly service repairs in case bath is accidentally switched on or run without water. Simply fill and restart

Fixed thermal cut-out - independent safety cut-out

User-calibration – single point for optimum accuracy at your working temperatures

Simple and intuitive controls for quick temperature setting – immediate temperature re-setting using ▲ and ▼ buttons

Drain tap – allows convenient emptying on 12L, 18L and 26L baths





Heater mat and sensor bonded to underside of tank – optimised uniformity and work space. Tank easy to clean

Digital PID control for quick heat-up and precision control throughout the temperature range








- Markets:** ■ Education, industry
- Applications:** ■ Practical science demonstration, sample warming, sample prep, QC materials, sample thawing, sample incubation, media preparation

Unstirred water baths » JB Nova » Specifications, options and accessories

JB Nova digital unstirred water bath range – summary of specifications

	General purpose unstirred baths – JB Nova			
	JBN5	JBN12	JBN18	JBN26
				
	3 kg l: 215 mm w: 335 mm h: 200 mm	6 kg l: 380 mm w: 360 mm h: 225 mm	9 kg l: 590 mm w: 335 mm h: 275 mm	9 kg l: 590 mm w: 335 mm h: 275 mm
Tank capacity	5L	12L	18L	26L
Temperature range	ambient +5 to 95°C			
Temp.display and setting resolution	0.5°C			
Temp stability (DIN 12876) @ 70°C	±0.5°C			
Temperature setting/energy regulation	digital			
Fixed thermal cut-out	●			
Dry start/run dry protection	●			
Working area l x w mm	131 x 281	281 x 306	485 x 281	481 x 278
Drain tap	–	●	●	●
Heater power 120V or 230V kW	0.35/0.35	0.8/0.8	1.4/1.05	1.4/1.05
Supply voltage V	120 or 230			
	CE and CSA approved			

Options and accessories

	JBN5	JBN12	JBN18	JBN26
	5L	12L	18L	26L
	Replacement polycarbonate transparent lids*			
	AQL5	AQL12	AQL26	AQL26
	Directs condensation away from immersed vessels, avoids contamination, reduces evaporation and saves energy			
	Stainless steel sloping lids*			
	LU6	LU14	LU28	LU28
	Flat lids*			
	LF6 (2 ring sets)	LF14 (4 ring sets)	LF28 (6 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	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 JBN12	RS18H (h 40 or 135) shelf covers half area of JBN18	RS28H (h 45 or 135) shelf covers half area of JBN26
	Racks (no. per bath)			
	1 x J2	2 x J2	4 x J2	4 x J2
	Choice of 8 variants to accommodate different tube diameters and microtubes (see below)			
	Replacement base trays			
	AQBT5	AQBT12	AQBT26	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 for use above 60°C

Unstirred Bath Racks

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