

## 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

**3**  
year warranty

JBN12 (VWR 89500-364)  
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





**Markets:**

- Education, industry








**Applications:**

- Practical science demonstration, sample warming, sample prep, QC materials, sample thawing, sample incubation, media preparation

## 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
VWR catalog number		89500-362	89500-364	89500-366	89500-368
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
	<b>Replacement polycarbonate transparent lids*</b>				
		89498-162	89498-164	89498-166	89498-166
Directs condensation away from immersed vessels, avoids contamination, reduces evaporation and saves energy					
	<b>Stainless steel sloping lids*</b>				
		66238-422	66238-424	66238-426	66238-426
	<b>Flat lids*</b>				
		97025-532 (2 ring sets)	66238-440 (4 ring sets)	97025-528 (6 ring sets)	97025-528 (6 ring sets)
	With ring sets of variable hole diameter to accommodate tall vessels whilst reducing evaporation				
	<b>Polypropylene spheres*</b> (packs per bath)				
		1 x 66238-449	1 x 66238-449	2 x 66238-449	2 x 66238-449
Useful alternative to a lid, minimises evaporation and heat loss whilst allowing easy access to vessels in the bath; particularly useful for tall vessels					
	<b>Raised shelves</b> – reversible, allows two shelf depths. h = shelf height above tank base (mm)				
		–	97025-580 (h 40 or 78) shelf covers half area of JBN12	10025-604 (h 40 or 135) shelf covers half area of JBN18	97025-586 (h 45 or 135) shelf covers half area of JBN26
	<b>Racks</b> (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)					
	<b>Replacement base trays</b>				
		89498-154	89498-156	89498-158	89498-158
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
97025-510	10 mm	84	97025-518	25 mm	18
97025-512	13 mm	55	97025-520	30 mm	12
97025-514	16 mm	36	97025-524	0.5 ml	105
97025-516	19 mm	32	97025-522	1.5 ml	65