

WEIBER
REFRIGERATED
WATER BATH

Models:

- ABX-Series



WEIBER REFRIGERATED WATER BATH



We are manufacturers of refrigerated water bath in India since 1990. Our refrigerated water baths are widely used for day to day bacteriological and varied laboratory applications requiring incubation as well as general tests and procedures in variety of research and testing laboratories including Wassermann, Kilmer tests. Apart from

that, these refrigerated water baths have a variety of usages in tissue culture applications, enzyme reaction studies, growth observation studies, fermentation analysis and various other general and specialized applications in various laboratories.



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We specialize in both standard and customized models, specifically designed to meet the challenging demands of various scientists for individual and specialized research applications. Over a short period of time Weiber brand have been established as reliable exporters of Refrigerated water bath in India, catering to the vast markets in South East Asia, Middle East, Africa and Europe.

Apart from that we are supplying our refrigerated water bath in India, catering to a variety of customers ranging from Defence Installations, Research Laboratories, Educational Institutes and various R& D laboratories of leading national and multinational companies.

Salient Features

- Versatile usage
- Ergonomic Design
- Energy Efficient
- Long life
- Low Maintenance
- Calibration And Protocol Documentation

Construction Details Refrigerated water bath

Our refrigerated water baths are double walled convection heated units. Outer body of our refrigerated water baths is constructed out of thick PCRC steel sheet, duly pre-treated with primers for rust proofing and painted with air drying



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paint/stove enamel/powder coating. The inside chamber of the unit is made of heavy gauge stainless steel sheet of grade ss-304. The unit is provided with top opening cover, made of stainless steel with steel concentric rings. The unit is provided with one stainless steel racks

Heating

Indirect heating system is provided in our refrigerated water bath, comprising of air heaters made of high grade Kanthal A-1 wires of suitable wattage.. The temperature is evenly distributed throughout the chamber through natural water convection mechanism, ensuring a very good temperature sensitivity.

Cooling

An energy efficient cooling unit is installed in our carbon dioxide Incubators to enable bio chemical demand studies at lower room temperatures. We use ISI marked high end CFC free compressors of Kirloskar/Tecumseh make, conforming to latest international standards and guidelines.

Temperature Range

Temperature range of our standard refrigerated water bath models are -10o c to 85o c. However we have the capacity to modify the same to suit the individual specialized requirements of our customers.

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Temperature Sensitivity

Temperature inside our refrigerated water bath is controlled with a sensitivity of ± 0.5 °C or better. (With PID Controller)

Front Panel

Front panel of our refrigerated water bath comprises of on/off switches heating and mains indicator lamps and temperature controller.

Temperature Control		
Temperature Sensitivity	\pm °C	0.5 or better
Spatial Deviation In Temperature	\pm °C	0.5 or better
Readability	°C	0.1
Temperature range	°C	-10°C to 85 °C (Standard)
Temperature Sensor		PT-100
Temperature Controller		Solid State digital Controller/PID optional
Display		LED/LCD
Adjustable alarm limits		Optional With PID controller only.
Safety thermostats		
Temperature variation Adjustments		3 (With PID Controllers only)
Temperature Sensors		PT-100
Automatic temperature setting		Yes (With PID Controllers only)
Adjustable limits		Yes (With PID Controllers only)
Accessories		
Timer (999 mins)		optional
Program (Real Time)		optional
Data Acquisition Program		optional
Serial Port (Printer)	RS232C	optional
Inspection window in door		optional
Shelves		
Standard		01
Internal Capacity	mm	Standard 5Ltr /10Ltr /20Ltr /35 Ltr/ 50 Ltr
Accessories		
Printer Report Program		optional
2 x 24 characters LCD Display		optional
Access Port 30 mm		optional
Power consumption		
Nominal power	W	500 -650
Nominal voltage	V	220-230 Volts, 50 Hz Single Phase
Frequency	Hz	50



We are having **Representatives in 55 Countries**

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International Dealers Section

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TECHNOLOGY with **HUMAN TOUCH**

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An ISO 9001:2208 | ISO 14001:2008 | ISO 13485
WHO:GMP Products | GLP Compliant Products

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