

WATER DISTILLATION BARNSTEAD TYPE

KEY FEATURES



- **Compact Table-Top Design** – Space-saving, portable, and suitable for all laboratory settings.
- **High Purity Output** – Produces pyrogen-free and contaminant-free distilled water.
- **Energy- Efficient Heating Element** – High-grade stainless steel heaters for efficient distillation.
- **Automatic Water Level Cut-Off** – Protects the heating element from dry running or overheating.
- **Cooling Water Flow Control** – Optimized condenser ensures minimum water wastage.
- **Durable Construction** – All Stainless Steel 304
- **Safety Protection** – Built-in thermostat and fuse system for overload and dry run protection.

TECHNICAL MATRIX

Model	WD-315 A	WD-315 B	WD-315 C	WD-315 D	WD-315 E	WD-315 F	WD-315 G
Output Capacity Ltr/hr	2	4	6	8	10	20	25
Material of Construction	All SS 304 Grade						
Heating Element	Stainless steel immersion heater						
Water Purity	Pyrogen-free, conductivity < 1 μ S/cm (approx.)						
Cooling Water Requirement	1–2 L/min (depending on capacity)						
Safety Features	Thermal cut-off, fuse protection, dry run safety						
Mounting	Table-top / Wall Mounting						
Power Supply	220–240 V AC, 50 Hz						

- **Space-Saving Design:** Mounted on wall panels to maximize bench space in compact labs.
- **Durable Construction:** Made from high-quality borosilicate glass and stainless-steel frame for chemical resistance.
- **Efficient Cooling System:** Integrated condenser ensures efficient vapor condensation.
- **Safety Features:** Includes over-temperature protection, safety cutoff, and leak-proof joints.
- **Ease of Maintenance:** Modular design allows easy cleaning and servicing.
- **Continuous Operation:** Suitable for uninterrupted distillation processes.



DISTILLATION WALL MOUNTING