

# Distillation Apparatus Automatic Cabinet Type

## Automatic Water Distillation apparatus set

### Double Stage Borosilicate Glass Abron Model AC-466-43/44

#### Compact & User Friendly

This is a fully automatic water distillation equipment and can be used in research laboratories, hospitals etc. It is manufactured from 3.3 exp borosilicate glass The distillation has following features :

- **Replaceable Silica Sheathed Heater :** The horizontal jacket is fitted with removable silica sheathed heater and screw threaded connectors for ease of cleaning.
- Distillate temperature is approx. between 25° to 45° C which is ensured by an efficient condenser.
- The stand is powder coated for rust free operation and lustrous appearance.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- **Screw Threaded Connectors :** These are provided for easy plumbing & Installation to avoid any glassware breakage during assembly.
- Fuse is provided for safety in case of voltage fluctuation or short circuit.
- Boiler is provided with Replaceable Constant Level Device for easy draining and cleaning of boiling chamber.
- The front cover is easily removable making the access to the glass parts very easy.

#### Additional Built-in Safety Features

**AC-466-90 Gate Valve :** Conserves cooling water wastage in case of power failure.

**AC-466-91 Flow Switch :** In-built safety feature for the equipment unit shut off in case of cooling water failure

**AC-466-94 Temperature Switch :** The boiler is equipped with a safety temperature switch which shuts off the unit if water level in the boiler falls below the heater, thus saving the glass parts from any damages.

**AC-466-95 Level Sensor :** It shuts off the distillation equipment if the water level in the boiler falls below the heater.



#### Borosilicate Glass Double Stage

Model No.	AC-466-43	AC-466-44
Output Cap. Approx	2 ltrs/hr	4 ltrs/hr
Stage	Double Stage	Double Stage

#### Distillate Quality

pH	6.0-7.0	6.0-7.0
Conductivity $\mu\text{S/cm}$	0.8-1.0	0.8-1.0
Cooling Water Requirement App	2 ltr/min	2-4 ltr/min
Power Rating	3 KW	6.0 KW

**Reservoir Level Sensor :** This helps in automatic working of the water distillation equipment. Depending on the water level in the reservoir it will automatically switch On/Off the equipment, thus saving energy. (Reservoir can also be provided with a storage capacity of 5 ltr, 10 ltr & 20 ltr made of Borosilicate Glass or polypropylene).at extra cost