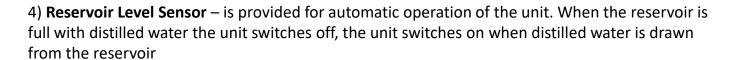
Horizontal Quartz Single Stage Distillation Unit

Brand-BIOGENIX®

PRODUCT DESCRIPTION

Composite Single Distiller Automatic Cabinet Model with Quartz Boiler & Glass Condenser With 3 Level Built-in Safety Control Plus Automatic operation

- 1) **Temperature Controller (DTC)** for safety of the boiler. The unit switches off when water level in the boiler falls below the heater.
- 2) **Flow Switch** for safety of the condenser. The unit switches off when water supply to condenser is interrupted.
- 3) **Gate Valve** conserves cooling water wastage by stopping water supply to condenser when unit shuts off due to Power failure.





- **Replaceable silica heater:** The horizontal quartz jacket is fitted with a removable silica heater and screw-threaded connectors for ease of cleaning when scaling is formed.
- ■Distillate temperature is around 65 to 75°C which is ensured by an efficient condenser.
- ■The stand is powder coated for rust-free operation and a lustrous appearance.
- ■Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- •Fuse is provided for safety in case of voltage fluctuation or short circuit.
- ■Boiler is provided with a Replaceable Quartz side overflow for easy draining and cleaning of the boiling chamber, which also reduces the chances of breakage.

Additional In-built Safety Features:

Gate Valve: Conserves cooling water wastage in case of power failure.

Flow Switch: Additional in-built safety feature for the equipment unit shut off in case of cooling water failure.

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.



Technical Specification

Usage/Application	Laboratory		
Туре	Quartz Single Distillation		
Material	Quartz & Borosilicate Glass		
Frequency	50 Hz		
Packaging Type	Вох		
Power Source	Electric		
Capacity	2 Liter to 10 liter/hr		
Glass Brand	Borosil		
Includes	Demountable Boiler Panel		
System Requirements	Minimum Cooling Water : /hr		
Voltage	230-250V		
Condenser	Quartz		
Boiler	Quartz		
Power Source	4.4 Kw		
Conductivity	ductivity 0.5-0.8 µS/cm		

Applications:

It is recommended to use Water Softener Unit with All types of water distillations for desired output, good quality distillate & long life.

Size, Capacity and Ordering Details

Model No.	Output Capacity	Power Rating	Cooling Water
	(Approx.)	(Total)	Consumption (approx.)
BSSU-15AQ-HM	1.5ltr/hr	3 KW	20 ltrs/hr
BSSU-20AQ-HM	2.0ltr/hr	4 KW	35 ltrs/hr
BSSU-25AQ-HM	2.5ltr/hr	5 KW	40 ltrs/hr
BSSU-35AQ-HM	3.5ltr/hr	6 KW	50 ltrs/hr
BSSU-40AQ-HM	4.0ltr/hr	7 KW	60 ltrs/hr
BSSU-50AQ-HM	5.0ltr/hr	8 KW	70 ltrs/hr



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