

Water Distillation Unit Model: SSS-L4 / SSS-L4 XL

Water still SSS-L4 and SSS-L4 XL models are designed for reliable continuous operation incorporating a host of features unmatched by comparable stills. It is easy to use, safe to operate, thoroughly reliable and above all Low Cost.



Model: SSS-L4

Specifications

Water Still: SSS-L4 & SSS-L4 XL	
Dimensions	(W x D x H)
SSS-L4	50cm x 15cm x 45cm
SSS-L4 XL	50cm x 20cm x 55cm
Weight	6 Kg approx
Power	220/240 V 50/60 Hz Single Phase, 3KW
Water Supply	Min flow rate 1 Ltr/min
Min Pressure	3 psi (0.2 x 105 NM)

Features

- **Abundant Output:** The still provides 4 liters/hr of distilled water produced through a power input of 3 KW by a chromium plated heater housed in a horizontal Glass Boiler.
- Distilled output is cool ensured by a high efficiency condenser. Temperature of distillate 25°C – 40°C tested for ambient room temperature of 30° C.

Distillate Quality

Ideal for general Laboratory use- capable of producing pyrogen free water.

Water Still: SSS-L4 & SSS-L4 XL model	
Output	4 Ltr/Hr
Conductivity (using raw water)	0.3- 4.0 µS/cm
Conductivity (using treated water)	1.5- 2.0 µS/cm
pH	5.5 - 6.0
Distillate quality	Pyrogen free

Construction

- The stand is powder coated for long rust free Operation.
- Heater is a 3KW Chromium plated heater fitted with a thermostat, which shuts off automatically in case of water supply failure.
- The Boiler & Condenser are designed for high efficiency and provided with threading for easy plumbing of condenser.
- Boiler is provided with Teflon screw cork for insitu cleaning of the boiler.
- All plumbing connections to the equipment are made via screw thread connectors

Model SSS-L4 XL model has following additional safety features:

- Gate Valve: Prevents water wastage.
- Flow Switch : For Boiler Safety
- On/Off switch with water failure indicator lamp.

Packing Info

7 Ply Carton with PUF packing Dimensions: 52 cm x 48 cm x 46 cm.
Gross weight: 12.00 kgs. Approx.



Model: SSS-L4 XL

Automatic- Cabinet Water Still (Glass / Quartz)



Now presents SSS Distil series of Automatic Cabinet Water Stills for trouble free distillation in the laboratory.

The SSS Distil provides Ultra high purity water for demanding applications in the laboratory / tissue culture work.

The SSS Distil stills incorporates several safety devices for automatic operation for use in Hospitals and labs. The Still Incorporate all Electrical Safety standards IEC61010

High quality, low temperature output

All Distil stills are manufactured either from high quality PYREX ®Brand Borosilicate Glass incorporating a high quality double coil condenser and boiler system, or using SSS 214 Semiconductor Grade Quartz for the double coil condenser and boiler system combined with a silica glass sheathed heating element which provides a high quality Pyrogen free output with conductivity <0.4 µS/cm for Quartz distillation models.

Features:

Flow Control Safety: Enables you to use SSS-Distil under low pressure sources, a condition in which other stills can't operate. **A Gate Valve:** To prevent wastage of cooling water in the event of power failure

Level Sensor: A level sensor is incorporated for the safety of boiler in the event of no water in the boiler. **Reservoir Level Sensor:** Incorporated for automatic operation of the still

EQUIPMENT: CABINET STILL (BOROSILICATE GLASS: Boiler and Condenser)

Models	Approx Output Ltr/hr	pH (Approx)	Minimum Cooling Water Requirement	Conductivity µS/cm	Power
SSS-2S	2 Single Distilled	5.5 - 6.0	1.5 Ltr / min	1.0 - 2.0	230V, 50-60Hz Two Phase, 1.6W
SSS-2D	2 Double Distilled	6.0 - 7.0	3 Ltr / min	0.8 - 1.0	230V, 50-60Hz Two Phase, 1.6W
SSS-4S	4 Single Distilled	5.5 - 6.0	2 Ltr / min	1.0 - 2.0	230V, 50-60Hz Two Phase, 1.6W
SSS-4D	4 Double Distilled	6.0 - 7.0	4 Ltr / min	0.8 - 1.0	230V, 50-60Hz Two Phase, 1.6W
SSS-8S	8 Single Distilled	5.5 - 6.0	4 Ltr / min	1.0 - 2.0	230V, 50-60Hz Two Phase, 1.6W
SSS-8D	8 Double Distilled		8 Ltr / min	0.8 - 1.0	230V, 50-60Hz 3 Phase, 1.6W

EQUIPMENT: CABINET STILL (QUARTZ: Boiler and QUARTZ: Condenser)

Model	SSS-2SQ	SSS-2DQ	SSS-4SQ	SSS-4DQ	SSS-8SQ	SSS-8DQ
Output Ltr/Hr	2 Single Distilled	2 Double Distilled	4 Single Distilled	4 Double Distilled	8 Single Distilled	8 Double Distilled

Ask for specification and catalogue for quartz models

Output quality would depend on the quality of the boiler feed inlet water & other environmental factors.