

**Product Name :**  
SINGLE STAGE QUARTZ DISTILLATION

**Product Code :**  
WDU0004



## Description :

SINGLE STAGE QUARTZ DISTILLATION

## Technical Specification :

The apparatus consists of a boiler made from high purity quartz with built in heater and bottom discharge joint for easy cleaning of deposits. A spiral condenser is fitted on the boiler with receiving adapter. The unit comes with Safety Control Unit (Optional) to protect the Glass parts in case of water failure or overheating.

**Quartz can withstand very high temperature variation, thus it is thermal shock proof.**

Conductivity	1.0 - 1.5 $\mu\text{S/cm}$ with Borosilicate Condenser
	0.5 - 0.8 $\mu\text{S/cm}$ with Quartz Condenser

Distilled Water Quality	Pyrogen Free
pH	5.5 “ 6.0
Distillate Temperature	50-60°C

\*\*All the parameters are under Standard Test Conditions.

## Advantages

- Rust proof sturdy aluminum stand as base.

Replaceable clamps are provided for better adjustment and alignment of the boiler and condenser.

## Advanced Features

- Distillate is pyrogen free; also it is free of heavy metals.

- Switch on time is less than minute providing distilled water instantly.

- Low maintenance is required.

## Borosilicate Condenser

Output Cap. (Approx.)	2 ltr/hr	5 ltr/hr	8 ltr/hr	10 ltr/hr

Power Rating (Total)	1.7 Kw	4.4 Kw	6 Kw	9 Kw
Cooling Water Consumption (Approx.)	35 ltr/hr	65 ltr/hr	90 ltr/hr	120 ltr/hr

## Quartz Condenser

Output Cap. (Approx.)	2 ltr/hr	5 ltr/hr	8 ltr/hr	10 ltr/hr
Power Rating (Total)	1.7 Kw	4.4 Kw	6 Kw	9 Kw
Cooling Water Consumption (Approx.)	35 ltr/hr	65ltr/hr	90ltr/hr	120ltr/hr

Spares Parts ->

Quartz Boiler for 2 ltr/hr Distillation

Quartz Boiler for 5 ltr/hr Distillation

Quartz Boiler for 8 ltr/hr Distillation

Quartz Boiler for 10 ltr/hr Distillation

Stainless steel condenser for 2 ltr/hr Distillation

Stainless steel condenser for 5 ltr/hr Distillation

Stainless steel condenser for 8 ltr/hr Distillation

Stainless steel condenser for 10 ltr/hr Distillation

Quartz coil condenser for 2 ltr/hr Distillation

Quartz coil condenser for 5 ltr/hr Distillation

Quartz coil condenser for 8 l/hr Distillation

Quartz coil condenser for 10 l/hr Distillation

Safety Cut-Off Device

Safety Cut-Off Device

# **LAB ENGINEERING**

## **Elab Engineering Equipments Manufacturers**