

**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 $\mu$ S/cm with Borosilicate Condenser |
|              | 0.5 - 0.8 $\mu$ 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<br>(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<br>(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

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Quartz coil condenser for 8 litre Distillation

Quartz coil condenser for 10 litre Distillation

Safety Cut-Off Device

Safety Cut-Off Device

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