

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 μ S/cm with Borosilicate Condenser
	0.5 - 0.8 μ 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 litre Distillation

Quartz coil condenser for 10 litre Distillation

Safety Cut-Off Device

Safety Cut-Off Device

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