

DDP - 3860

Double Distillation Plant



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► INTRODUCTION

Water Stills are carefully designed to produce high purity pyrogen free distilled water. The water still made of Borosilicate glass comprises of horizontal type Boiler, Condenser, Silica Sheathed (Quartz) Heater, along with Stand and Clamps etc.

►► KEY FEATURES

- Replaceable Silica Heater : Boiler is fitted with a removable Silica Sheathed (Quartz) Heater and Screw Threaded connector for ease of cleaning when scaling is formed.
- Distillate temperature is around 25 to 45°C which is ensured by an efficient condenser.
- The stand is powder coated for rust free operation and lustrous appearance.
- The unit automatically switches off if water level in the boiler falls below heater.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- Drain nozzle/Teflon Screw Cock is provided for easy cleaning and maintenance.
- Electrical Power: 220/240 V, 50/60Hz, Single Phase Supply.

►► UNIQUE FEATURE

These Models are fitted with in- built (PTS) Pressure Temperature Switch (Safety Cut Off) to protect the glass parts in the event of water supply failure or overheating.



►► SILICA HEATER

Kanthal wire heater is wound up on a spiral ceramic tube, thus having a long life.

►► SAFETY FIRST

PTS (Safety Cut off) can be reset to resume water still operation when the water supply has been restored.



►► SCREW THREADED CONNECTOR

is provided for ease of fitting the Silica (Quartz) Heater

►► EASY CLEANING

- No dismantling required.
- Teflon screw cock is provided for easy cleaning and maintenance.



Single Still

Conductivity	1 to 2.0 $\mu\text{s}/\text{cm}$				
Distillate Quality	Pyrogen Free				
Model No.	Output Capacity (Approx.)	Cooling Water Consumption (Approx.)	Power Rating Total	Packing Dimension W*D*H(cm)	Gross Weight (kg)
DDP-SH-320S	2.0 ltr/hr	60 ltr/hr	1.5 Kw	64*45*44	13 kg
DDP-SH-340S	4.0 ltr/hr	120 ltr/hr	3.0 Kw	66*62*44	15 kg

Double Still

Conductivity	0.8 to 1 $\mu\text{s}/\text{cm}$				
Distillate Quality	Pyrogen Free				
Model No.	Output Capacity (Approx.)	Cooling Water Consumption (Approx.)	Power Rating Total	Packing Dimension W*D*H(cm)	Gross Weight (kg)
DDP-SH-320D	2.0 ltr/hr	120 ltr/hr	3.0 Kw	66*50*63	20 kg
DDP-SH-340D	4.0 ltr/hr	150 ltr/hr	6.0 Kw	66*62*65	24 kg

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