

ISO 9001-2015, WHO, FDA,  
European CE Nottified &  
ISO-13485 Certified



**ALPHA<sup>®</sup>**  
SUDARSHAN

**CE**  
European CE  
Notified



ASE-141



ASE-142



ASE-144

**ASE-141 Water Still (Wall Mounted) ALPHA<sup>®</sup>**

The unit is recommended for making pyrogen free distilled water of a very high degree of purity. Made out of stainless steel, special kettle element is fitted with Ejection Device/Auto Cut for safety of the element in case water supply is stopped. The cock fitted to the unit is of brass C.P. Distillation with or without FLANGE SYSTEM can be supplied. Unit with flange system can be opened for clearing of condensor from time to time so as to ensure its long life. A Wall mounting clamp is provided with the unit but without rubber tubing. Supplied with cord and plug to work on 220/230 volts A.C. supply Available in capacities of approximately : Other changes can be done on request or as per user specification..

	CAPACITY	WITHOUT FLANGE	WITH FLANGE
(a)	2 Ltr	(b) 4 Ltr	
(c)	6 Ltr	(d) 8 Ltr.	

**ASE-142 Distillation Apparatus All Glass (Electrically Heated) ALPHA<sup>®</sup>**

The assembly consists of a corning glass flask 5 Ltr with embedded heating elements fused in spiral type coil internally at bottom. A double wall coiled condenser has standard ground glass joints. Complete with glass fitting, metallic stand, rings, clamps and electrical fittings. The unit supplied is as per NPL patent design. To work on 220/230 volts A.C. supply. Other changes can be done on request or as per user specification..

CAPACITY	SINGLE STAGE	DOUBLE STAGE	TRIPLE STAGE
(a) 2 LITRES			
b) 5 LITRES			
(c) 10 LITRES			

**ASE-144 Quartz Water Distillation Unit ALPHA<sup>®</sup>**

A water distiller works by boiling water into water vapour, condensing it and then returning it to its liquid state. It is collected in a storage container. Single stage distillation unit. High purity low conductivity pyrogen free distillate.

The process occurs in several steps:

Municipal or well water is manually or automatically fed into the distiller unit's boiling chamber.

A heating element in the boiling chamber heats the water until it boils.

The steam rises from the boiling chamber. Volatile contaminants (gases) are discharged through a built-in vent. Minerals and salts are retained in the boiling chamber as hard deposits or scale.

Automatically fed facility into the distiller unit's boiling chamber

The steam enters a coiled tube (condenser), which is cooled by cool water.

Water droplets form as condensation occurs.

Compact design made by ss 304 material with dual safety cutout

The distilled water is collected in a storage tank. If the unit is an automatic model, it is set to operate to fill the storage tank.

CAPACITY	(a)	1 Ltr	(b)	1.5 Ltr	(c)	2.5 Ltr	(d)	5 Ltr.
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**Manufactured By : SUDARSHAN CHEMICALS India 324007 0744-2362345, 09414188018**

**CE, ISO 9001:2015, WHO, FDA & ISO-13485 CERTIFIED**  
**With first prize awarded at Haroti Udyog Mela year 2003**