

WATER DISTILLATION UNIT (G045)

Category: General



Product Code: G045

Category: GENERAL

Sub-Category: GENERAL PURPOSE

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- The ALFA Water Distillation Unit is engineered to produce high-purity distilled water essential for various laboratory applications. Its fully automatic operation, managed by a

microprocessor control system, ensures consistent and reliable performance.

- Constructed with stainless steel components—including the boiling vessel, storage tank, and condenser—the unit offers durability and resistance to corrosion. It delivers distilled water with a conductivity of approximately 2.5 $\mu\text{S}/\text{cm}$ at 20°C, suitable for general laboratory use.
 - The system incorporates several safety and efficiency features:
 - A gas exhaust chimney facilitates the discharge of CO₂ and other gases.
 - Warning lights provide operational status indicators.
 - An automatic shutdown function halts operation when the storage tank reaches full capacity and resumes when the tank empties.
 - A Siliphos filter prevents calcification of the heating elements, extending their lifespan.
 - Sensors detect the absence of water, automatically stopping the heaters to prevent burnout.
 - Designed for versatility, the unit can be installed on a tabletop or wall-mounted, accommodating various laboratory layouts. Its energy-efficient design preheats inlet water, reducing overall power consumption. Maintenance is streamlined through easy access to heating elements and internal components.
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STANDARDS

ASTM D1193 • ISO 3696

TECHNICAL SPECIFICATIONS

- Conductivity: ~2.5 $\mu\text{S}/\text{cm}$ at 20°C
- Power Supply: 380 V / 50-60 Hz
- Construction: Stainless steel boiling vessel, storage tank, and condenser
- Installation: Suitable for tabletop or wall-mounted use

EQUIPPED WITH

- Siliphos filter
- Warning lights
- No-water detection sensor
- Water storage tank
- Gas exhaust chimney

ORDERING INFORMATION

Item	Code
WATER STILL (Distillation Unit) - 4 lt/hr	G045X04XU
WATER STILL (Distillation Unit) - 12 lt/hr	G045X12XU

Keywords: water distillation unit, laboratory water still, ASTM D1193 compliant distiller, ISO 3696 water purification, stainless steel distillation apparatus, high-purity water generator, laboratory water purification system, automatic water distiller, Siliphos filter distillation unit, energy-efficient water distiller