



Water distiller AE-5

Purpose: The device is designed for production of distilled water by heating of raw water to boiling with subsequent condensation of the generated steam resulting in the distillate (non-pyrogenic) with a temperature from +40°C to +85°C.

The electrical conductivity of distilled water: 1,8 – 2,0 µS/cm

Design features:

- A body and main parts are made of high-alloy stainless steel AISI 321 / AISI 304.
- Demountable design of the condensation chamber for visual monitoring of scale formation, easy removal of scale deposit, easy maintenance and repair.
- A separate circuit water feed modification* allows separate water feeding for evaporation and cooling.
- Automatic control of water level in the evaporation chamber.
- A double shell and a heat-protective shield provide a moderately warm (not more than +45°C) surface of the distiller while functioning and protect operating personnel from thermal burns.
- A removable cooler* allows distillate cooling. The cooler can be mounted directly to the body of the distiller.
- A distiller can be combined with a purified water tank into an automatically operating single system.
- Form factor: distiller can be placed on horizontal surface or can be mounted to a wall. For wall mounting a bracket* is provided (sold separately).
- A standard set includes a spare tubular electric heater, a spare electrode of the water level sensor, supply water hoses and distillate collection hoses, connecting clamps.
- Lifetime: at least 8 years, warranty period: 14 months, MTBF (Mean time between failures): at least 3,500 hours



Safety system:

- Automatic maintenance of water amount used for evaporation.
- Automatic shutdown of the tubular electric heater if the water level in the evaporation chamber drops below the allowable level.
- Automatic shutdown of the distiller (tubular electric heaters) when the water storage tank is full.

Characteristics of electric water distiller AE-5

Parameters	AE-5
Productivity, liters per 1 hour	5 (-10%)
Voltage	220 V (50 Hz)
Power consumption, KW	3,5
Consumption of raw water, liters per 1 hour	36 (±10%)
Overall dimensions (L×W×H), mm	260×215×370
Weight, kg	6,5

* - the item is not included in a standard set. Sold separately.