



Reagent grade water generation systems UPVA-25

Purpose: The system is designed for production of ultra pure non-pyrogenic reagent grade water (**type II**) with a very low content of inorganic, organic or colloidal contaminants.

The electrical conductivity of distilled water: 0,8-1,0 μ S/cm

Design features:

- Multi-stage cleaning system.
- Low consumption of water and electricity.
- A body and main parts are made of high-alloy stainless steel AISI 321 / 304.
- Automatic control of the water level in the evaporation chamber.
- A built-in cooler chills bi-distillate to a maximum temperature of +40°C.
- Demountable design of condensation chambers allows visual monitoring of scale formation, easy sediment cleaning, easy maintenance and repair.
- UPVA can be combined with a purified water tank into an automatically operating single system.
- 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 UPVA (tubular electric heaters) when the water storage tank is full.



Characteristics of UPVA-25

Parameters	UPVA-25
Productivity, liters per 1 hour	23 (-10%)
Voltage	380 V (50 Hz)
Power consumption, KW	16,3
Consumption of raw water, l per 1 h	180 (\pm 10%)
Overall dimensions (L×W×H), mm	660×550×760
Weight, kg	50