



Reagent grade water generation systems UPVA-5

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-5

| Parameters | UPVA-5 |
|--|-----------------|
| Productivity, liters per 1 hour | 5 (-10%) |
| Voltage | 220 V (50 Hz) |
| Power consumption, KW | 3,6 |
| Consumption of raw water, l per 1 h | 36 (\pm 10%) |
| Overall dimensions (L×W×H), mm | 424×417×454 |
| Weight, kg | 20 |