

GBT-UV45

Integrated Drinking Water Home System

GBT-UV45 treats water for the entire home. It eliminates 99.99% of bacteria, viruses and chlorine-resistant parasites such as Cryptosporidium and Giardia. The water first passes through two different cartridge filters consisting of a particle filter and an active carbon filter. After that the water passes through the UV equipment UVmax D4.

Trojan UV system for disinfection of water, safely and effectively without chemicals

Since 1976, Trojan has been the leading manufacturer of UV systems for effective disinfection without toxic chemicals.

UV - the natural alternative - is safe and effective. UV eliminates in a simple way the risk of becoming ill from water contaminated by bacteria. It provides safe water to drink and to use for food production.

Highly efficient UV lamps

The UV radiation is generated by a low-pressure lamp with high intensity. It is the same type of light used for larger installations in industrial processes and in municipal waterworks.

Unique design of the radiation chamber

UVmax unique design of the radiation chamber for optimum hydraulic performance and maximum disinfection effect. Tests carried out have shown that in the data evaluating chamber, water is exposed for maximum exposure.



Users

- Vacation households
- Individual households

	GBT-UV45
Technical data	
Capacity max *	45 liters/min
Electrical connection	120-240 V
Power requirement	50 W
Operating pressure max	9 bar (900 kPa)
Material	SS 304
External connection	3/4"
Dimensions	
Radiation chamber	52 x 10 cm
Total size (WxHxD)	62 x 28 x 63 cm

* The capacities relate to the transmission value of 85% at 10 mm cuvette and a dose at 25mJ/cm²