

Drinking Water Filter with UV Treatment WAF 20

The compact, under-worktop-mounting filter for clean and healthy drinking water.



- **Interchangeable multiple active carbon filter with UV-C treatment for chemical-free disinfection**
- **Safe reduction of taste, scent or harmful components as well as up to 99.9% reduction of bacteria**
- **Switch arrangement with alarm function (audible/visual) which indicates malfunction and/or the need to exchange the UV-C tube**
- **Suitable for retrospective fitting to any type of storage tank**
- **Possibility to combine with other systems such as calcium reduction plants**
- **Easy to use and quick to install**
- **No danger of chemical reactions in the manufacture of beverages, essences, medicines or cosmetics**
- **Recommended for use in the preparation of baby foods**

Application

The drinking water filter WAF 20 for mounting under kitchen work-tops is installed directly in front of the water tap. WAF 20 is therefore suitable for the decentralised drinking water treatment in private or communal water supplies and especially for installations where drinking water is stored in storage vessels for longer periods of time.

Typical application areas

- Hospitals, hotels, sports centres
- Camping sites, boats, passenger aeroplanes
- Swimming pools (in lieu of chlorine)
- Laboratories
- Food and beverage industries
- Manufacturers of rinsing and process water
- Water for agricultural use

Safe disinfection using ultraviolet light

Drinking water is our No.1 resource – for this reason, the highest demands are made on drinking water. When storing water in tanks, dirt particles, bacteria or viruses can collect.

Passing drinking water through active carbon filters with subsequent UV treatment provides optimum protection for the drinking water. Scientifically proven tests show a 99.99% bacteria-free state after UV treatment.

In contrast to the use of chemicals such as chlorine, UV does not have any negative effects on the environment or on our health. UV light deactivates reliably all health dam-

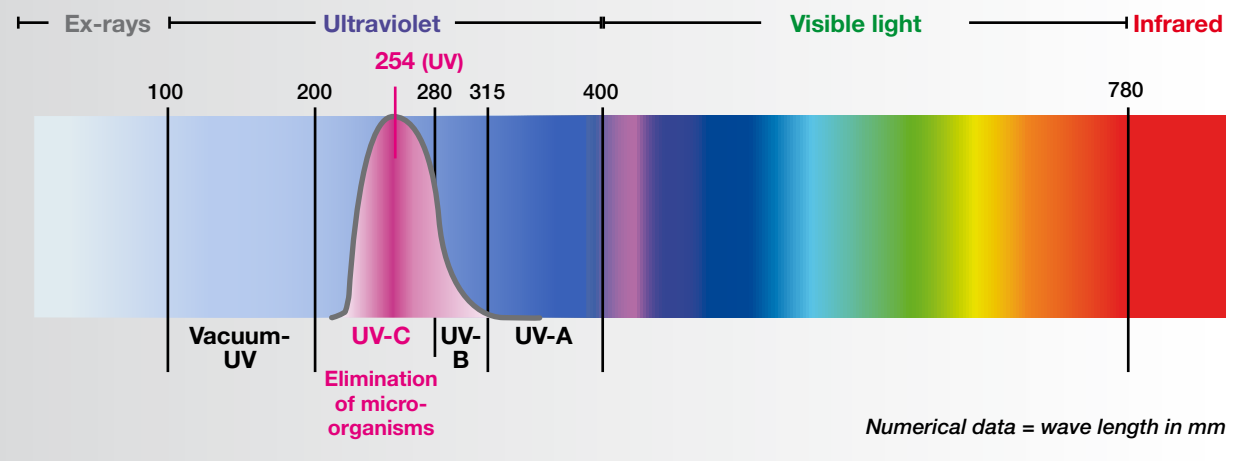
- 99 % Tribromochloromethane
- 99 % Herbicides (weed killers)
- 99 % Pesticides

Flow rate 300 l/h

Voltage supply
AC 230 V / 50Hz
DC 12 V

Power consumption
15 W (when water is used)

Range of effective elimination of micro-organisms using ultraviolet rays



aging bacteria without producing any other harmful side effects.

Technical Specifications

Medium

Drinking water

Reduction of harmful substances

Inorganic parameters

98 % Heavy metals (e.g. lead, cadmium, mercury)

Organic parameters

99 % Trichloroethanol

99 % Trichloromethane

99 % Bromodichloromethane

99 % Dibromochloromethane

UV load 11 W

Operating pressure 6 bar

Dimensions (W x H x D)

130 x 370 x 170 mm

Connection G¼

Filter change interval

Recommended every 6 months

Scope of delivery

- Filter housing with fine filter active carbon insert
- Stainless steel reactor housing
- UV-C tube and protective glass tube
- Electronic controller
- Power supply

Type	Pt.-No.
WAF 20	42721

Your specialist distributor