









Technical Datasheet

Quantum



-  Optimized for private Households
-  International application
-  Automatic water stop during filter Cchange
-  Filter change via Push & Click method
-  Easy installation
-  Easy maintenance
-  Filter variations
-  Sustainability

The Quantum is ideal for use in kitchens and thanks to its compact design it takes up little space under the sink. The supplied wall bracket (Fig. 1) simplifies the installation and the change of filters significantly (Fig. 2). The sustainable and environmentally friendly concept of the Quantum allows maintenance without additional tools. The filter housing can be opened and closed using the innovative Push & Click system (Fig. 3). Up to five filter cartridges are available. Thus, there is always the right filter for every drinking water filtration requirement available.

Filtration of	Bacterial & Viruses filter	Limescale filter	Chlorine filter	Lead filter
Sediments of 5 µm up to 0.5 µm	YES	YES	YES	YES
Chlorine	PARTIALLY	NO	YES	PARTIALLY
Bad taste and smell	PARTIALLY	NO	YES	PARTIALLY
Bacteria and viruses	YES	NO	NO	NO
Lead	PARTIALLY	NO	PARTIALLY	YES
Fluorides	PARTIALLY	NO	PARTIALLY	PARTIALLY
Water softening / limescale protection	NO	YES	NO	NO



Fig. 1



Fig. 2



Fig. 3

Technical Data Quantum	
Dimensions	Width: 110 mm, height: 340 mm, depth: 135 mm
Weight	1.02 kg
Temperature	Minimum 4 °C (39 °F) to maximum 38 °C (100 °F)
Operating pressure	Minimum 1.4 bar (20 psi) to maximum 5.5 bar (80 psi)
Volume flow	At 1/2" and 2.8 bar (40 psi) approx. 8.3 l/min (2.2 GPM)
Service interval	Not later than 12 months

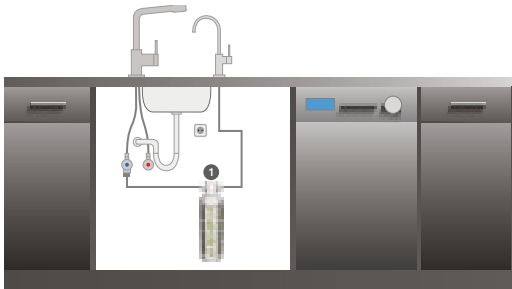
Installations examples

With the Quantum you have many variations possibilities of drinking water treatment available. This means that you always will have the right filter for every water situation and treatment application available. This is made possible by the simplicity of the system and the option to combine or extend the Quantum modularly with multiple filter cartridges.

Filtration of bacteria and viruses from drinking water

Example

1. Bacterial & viral filter



You want germ-free drinking water? Then the Quantum with its filter cartridge for bacteria and viruses is exactly the right solution. Thanks to the innovative filter element, up to 99.9 % of bacteria and viruses are removed from your drinking water. You only need to connect the Quantum with the bacterial & viruses filter cartridge to the cold water line and connect it to the stainless-steel tap on the sink and enjoy safe drinking water.

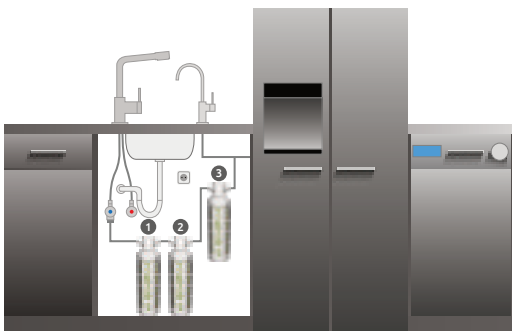
Lead, Chlorine and Bacterial & viral filter – Also for the tap on your refrigerator

Example

1. Lead filter

2. Chlorine filter

3. Bacterial & viral filter



Lead pipes can still be present in old domestic installations today. The harmful heavy metal should not get in contact with drinking water as it can cause severe damage to the body. The Quantum lead filter should be a standard installation in each kitchen to protect against this risk. In combination with our chlorine and the bacterial & viral filter you have three filtration stages that produce high quality drinking water that you can use also as source for the drinking water tap of your fridge.

Lead, Chlorine and Bacterial & viral filter + Limescale filter for your home appliances

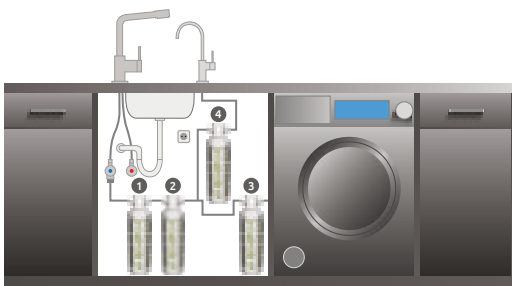
Example

1. Lead filter

2. Chlorine filter

3. Limescale filter

4. Bacterial & viral filter



Thanks to the modular design of the Quantum filter it is possible to connect other appliances such as washing machines or dishwashers behind the combination of lead and chlorine filters.