









Technical Datasheet

Verdanium MAX



-  Optimized for Private Households
-  International Application
-  Automatic Waterstop During Filter Change
-  Filter Change via Push & Click Method
-  Rinsing Water Recovery
-  Water Production of up to 2.3 l/min
-  Suitable for dishwashers and washing machines
-  Optional manifold for Water Supply to Multiple Devices

With the Verdanium **MAX**, VISION AQUA sets a new standard in drinking water treatment. The device is standardised and can be used in every apothecary cabinet in kitchen units worldwide. Thanks to **GreenOsmo**[®] Technology, it supplies the entire kitchen and household with ultra-pure drinking water. The Verdanium **MAX** can also be retro-fitted flexibly in existing kitchen cabinets.

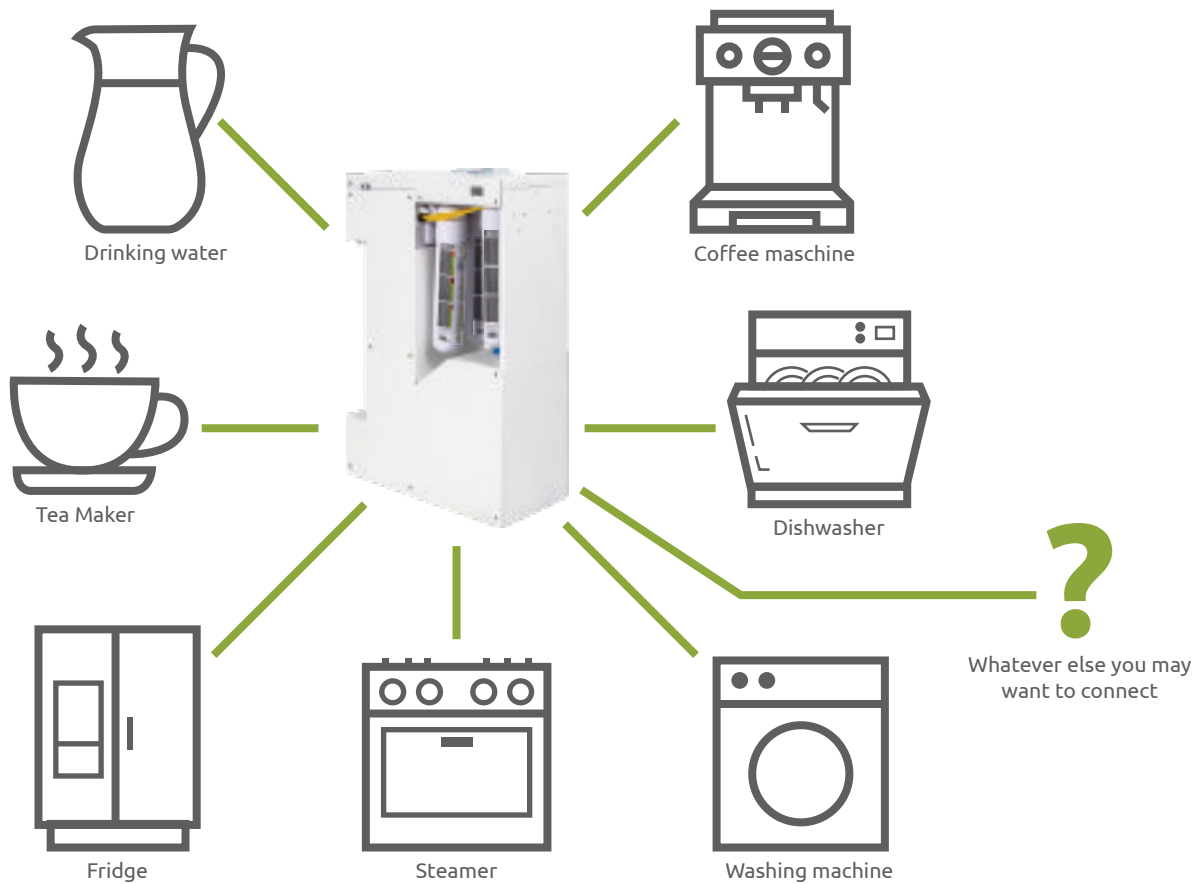
An integrated storage pressure tank with a capacity of approx. 3 l supplies ultra-pure water to a water-consuming household appliance such as a washing machine or dishwasher.

Maintenance of the system has been reduced to a minimum and usually does not take longer than 10 minutes. Due to the Push & Click method during a filter change, the system does not need to be inconveniently dis- and reassembled. The additional rinse water recovery reduces the wastewater and lowers the operating costs by approx. 25 % to 40 %.

Technical Data Verdanium MAX (without accessories)	
Dimensions	Width: 205 mm, Height: 635 mm, Depth: 460 mm
Weight	19.0 kg (without accessories)
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)
Ultra-pure Water Production	At 6 °C input temperature and 3.5 bar approx. 1.8 l/min (up to 2.3 l/min at higher temperatures)
Ultra-pure Water / Wastewater Ratio	Depending on the ultra-pure water production the ratio is 1 : 0.8
Water Connections	Water supply 3/8" JG connection – Wastewater 1/4" JG Connection – Ultra-pure water 1/4" JG connection
Electrical Connection	230VAC - 50Hz – 180VA – (110VAC – 60Hz optionally possible)
Pressure storage tank	Built-in with a capacity of approx. 3 l, further pressure storage tanks are optionally possible
Replacement filter	
VA-Standard PP - Sediment Filter Cartridge 5 µm (pre-filter)	Item number 1000066
VA-Standard GAC - Activated Carbon Granulate-Cartridge (post-filter)	1000068
VA-Standard CTO - Activated Carbon Block-Cartridge (post-filter) optional	1000067
Packaging Content	
1 x RO-Water filter Verdanium MAX (without accessories)	
2 x VA-Standard PP - Sediment Filter Cartridge 5 µm (pre-filter)	
2 x VA-Standard GAC - Activated Carbon Granulate-Cartridge (post-filter)	
1 x Power cord Europe CEE 7/7 to C13	
1 x Power cord Switzerland Typ J to C13 (accessory)	

The ultra-pure water source and integrative solution for the entire kitchen

The Verdanium MAX can be easily connected to all household appliances that have a water connection. These include refrigerators, fully automatic coffee machines, steam ovens, humidifiers, ice makers, ironing stations and much more. By using ultra-pure water, you not only save on cleaning agents but also increase the lifespan of your household appliances.

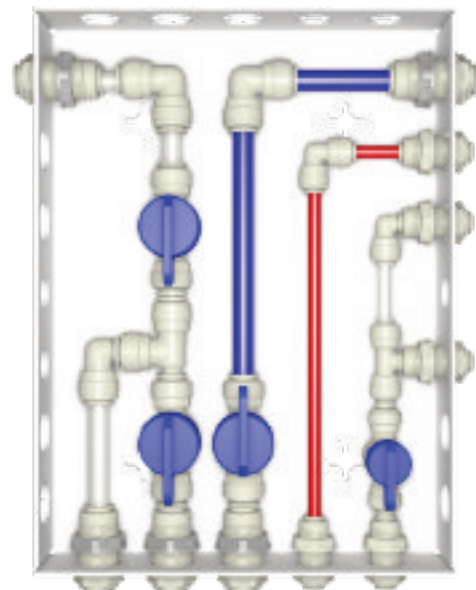


Water Connection Manager

SMALL DEVICE WITH SIGNIFICANT IMPACT

Using the unique distribution system developed by VISION AQUA, household appliances such as the washing machine, dishwasher, refrigerator, steam cooker and many other water-consuming devices can be supplied with ultra-pure water of the Verdanium MAX at the same time.

Shut-off valves inside the distribution manager allow quickly to close the water supply to connected devices without having to tediously disconnect the installed tubes.



Sample installation Water Connection Manager