



The **SolarWave WP1** is a medium-capacity point-of-use drinking water system that cleans water using proven ultraviolet (UV) disinfection technology and mechanical filtering. UV is a chemical free process which deactivates bacteria, virus, and protozoa by up to 99.99%, thus providing clean and safe drinking water which meets the World Health Organization's and local health departments' standards for potable water.

The compact design of the WP1 makes it ideal to place under the sink. The system is easy to operate and maintain, and installation is simple.

Like all SolarWave products, the WP1 is a high-quality and reliable product that can operate for at least ten years under normal operating conditions.

The new WP1 comes with a built-in surge protector, making it the ideal choice for markets with unstable grid electricity.

Technical specification

Water cleaning capacity (at 16 mJ/cm ^{2*})	8 liters per minute, 480 liters per hour
Water cleaning capacity (at 30 mJ/cm ^{2*})	4 liters per minute, 240 liters per hour
Water cleaning capacity (at 40 mJ/cm ^{2*})	3 liters per minute, 180 liters per hour
Operating pressure	0.3-8 Bar
Ambient temperature	0-50 °C
Recommended max. water temperature	40 °C
Connection size	¾" Tube/Faucet
Electrical connections	100-240 V AC / 50-60 Hz
Max. power consumption	13 W
Dimensions	600 x 340 x 150 mm
Filter	10" 5 micron sediment
Shipping weight	4.1 kg

* Actual flow depends on operating conditions e.g. pressure, temperature, type of filter, condition of filter, etc.

Maintenance

UV lamp (S212RL)	Replace once a year
Quartz sleeve (QS-212)	Clean or replace as needed
Filter (AWP110)	Replace as needed

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