

OVERVIEW

Agua Topone SPS system is an integrated unit. We offer line of products to meet every family needs with flow rate from 8 GPM to 12GPM. Designed for water tank, rainwater, tap water, this system is highly efficient to filter supply water and kill 99.99% bacteria, virus in your water, providing continuous clean & safe water for your family.





UV WHOLE HOUSE PURIFICATION SYSTEM

Model: SPS-103, SPS-103S, SPS-104, SPS-104S

SPS-203, SPS-203S, SPS-204, SPS-204S

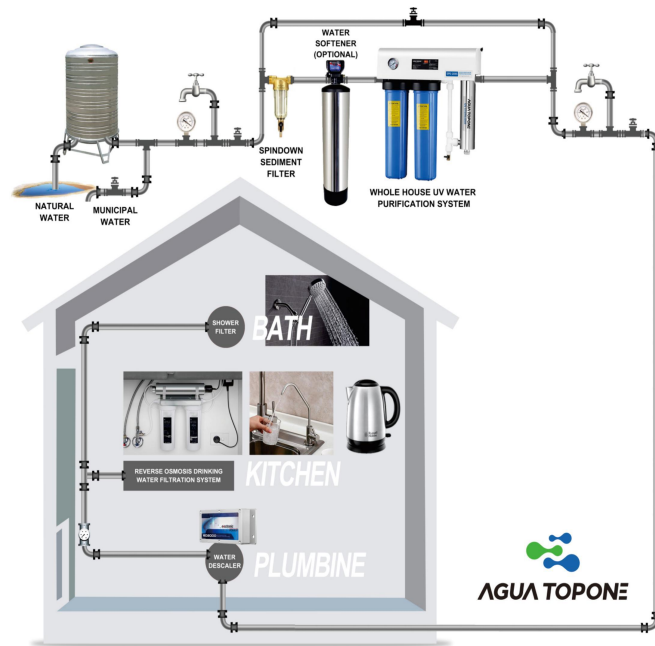
Applications

- Filtration and disinfection of rainwater
- Small and medium home potable water supply
- Bore and surface water – subject to water quality

GENERAL INFORMATION

The quality of drinking water can change with time and become contaminated with harmful bacteria. The home family of UV water purification systems with integrated pre-filtration provide a reliable, economical, and chemical-free way to safeguard drinking water in any residential application. Thanks to its advanced UV technology, the SPS series kills 99.99% of water bacteria. This system is widely used in disinfecting the drinking supplies of individual homes. Provide continuous clean, safe and fresh tasting water from your rainwater tank.

TYPICAL INSTALLATION



FEATURES

- 99.99% kill of bacteria, virus, protozoan cysts.
- Low pressure lamp and test tube quartz sleeve for easy cleaning and high performance .
- Environmentally friendly-no chemicals added to water and no water chemistry change.
- Comes supplied with sediment filter to remove particles and carbon block filter to remove lead and reduce odours, colour.
- Powder coated stainless steel cover for weather protection and durability
- 1" BSP connections compatible with plumbing tube.
- Lamp count-down timer display and alarm (audible & visible).
- Indicator lights show the status of system components and warning lights appear when system maintenance is required.
- An oil filled stainless steel pressure gauge shows the current system operating pressure.
- Fast plug & play installation.
- Hinged lid for easy access for lamp change.

TECHNICAL DATASHEET

MODEL	SPS-103(S) ¹	SPS-203(S) ¹	SPS-104(S) ¹	SPS-204(S) ¹
UV chamber material	SS304	SS304	SS304	SS304
In/outlet	3/4" & 1" BSPT	3/4" & 1" BSPT	3/4" & 1" BSPT	3/4" & 1" BSPT
Operation pressure	4-100 PSI	4-100 PSI	4-100 PSI	4-100 PSI
Ambient air temperature	2 -50 °C	2 -50 °C	2 -50 °C	2 -50 °C
Maximum humidity	95%	95%	95%	95%
Maximum hardness	120 ppm	120 ppm	120 ppm	120 ppm
Maximum iron	0.3 ppm	0.3 ppm	0.3 ppm	0.3 ppm
Minimum UVT	75%	75%	75%	75%
FLOW RATE²				
Maximum rated flow at dose of 16mJ/cm ²	57 LPM	85 LPM	57 LPM	85 LPM
Maximum rated flow at dose of 30mJ/cm ²	30 LPM	45 LPM	30 LPM	45 LPM
Maximum rated flow at dose of 40mJ/cm ²	23 LPM	34 LPM	23 LPM	34 LPM
ELECTRICAL				
Voltage	100-240VAC	100-240VAC	100-240VAC	100-240VAC
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Maximum power consumption	45 W	60 W	45 W	60 W
Lamp power	33 W	48 W	33 W	48 W
SERVICE				
Visual power on	YES	YES	YES	YES
Visual lamp life remaining	YES	YES	YES	YES
Audible lamp failure	YES	YES	YES	YES
Sediment filter, every 3 months to replace ³	10" × 4.5"	20" × 4.5"	10" × 4.5"	20" × 4.5"
Activated carbon filter, every 6 months to replace ³	10" × 4.5"	20" × 4.5"	10" × 4.5"	20" × 4.5"
NOTE				

1 Units model ending in (S) have coated steel stand bracket.

2 The max. flow rate is determined by the carbon filter at 95% UVT.

3 Service intervals will vary depending on incoming water quality.