



POINT-OF-USE UV DISINFECTION • SINGLE LAMP

SovSafe SW60

A compact ultraviolet steriliser for a single outlet. A 270 mm AISI 304 stainless chamber and one T510 UV-C lamp deliver 0.22 m³/h at a 30 mJ/cm² dose, sized for under-sink filters, water dispensers and vending machines.

POINT-OF-USE

¾" NPT

10 W

CHEMICAL-FREE

SW60



WHY SPECIFY IT

Disinfection at the **point of use**.

Treating water where it is drawn removes the risk of recontamination downstream of a central plant. At 270 × 52 × 90 mm and 1.3 kg, the SW60 fits inside a sink cabinet or dispenser housing.



Chemical-free UV-C

A single T510 lamp at 254 nm delivers a 30 mJ/cm² dose. No chemicals, no toxic by-products, and no change to the taste or odour of the water.



Quartz and stainless build

A high-purity quartz sleeve resists deposits and erosion inside an AISI 304 stainless chamber, holding UV transmission steady over the life of the lamp.



9,000 hours per lamp

Roughly a year of continuous service. The lamp runs permanently rather than cycling with demand, which protects both lamp and ballast life.

0.22m³/h
MAX FLOW**30**mJ/cm²
UV DOSE**10**W
POWER DRAW**9000**h
LAMP LIFE**254**
nm UV-C

Inactivation at DNA level

UV-C at 254 nm disrupts the DNA of bacteria and viruses so they cannot replicate, inactivating up to 99.9% of the microorganisms present. It is a physical process: nothing is dosed into the water and nothing is left behind. Effectiveness depends on the light reaching the organism, so mechanical pre-filtration ahead of the unit is required.

SPECIFICATIONS

Technical detail.

Model	SovSafe SW60	Max inlet pressure	8 bar
Code	SW60	Operating temp.	+4...+30 °C
Datasheet ref	SWC-UV-SW60-26-R0	Electrical	230 V • 50/60 Hz
Type	Point-of-use UV	Electrical power	10 W
Max flow rate	0.22 m ³ /h • 60 GPH	Housing	AISI 304 stainless
UV dose	30 mJ/cm ²	Quartz sleeve	Ø24.5 × 250 mm
UV wavelength	254 nm (UV-C)	Lamp service life	Up to 9,000 h
UV lamp	1 × T510	Dimensions L×W×H	270 × 52 × 90 mm
Inlet / outlet	¾" NPT	Weight	1.3 kg

UV lamp 1 × T510  Ø18 × 210 mm UV-C lamp in a high-purity quartz sleeve.	Chamber AISI 304  Corrosion-resistant stainless steel, 270 mm overall.	Maintenance Annual  Replace the lamp yearly and flush the sleeve at each service.
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HOW IT WORKS

Disinfection in one pass.

01 Pre-filtered feed	02 Quartz sleeve	03 T510 UV-C lamp	04 30 mJ/cm ² dose	05 Disinfected out
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COMPONENTS & PARTS

What we provide.

- ✓ Assembled AISI 304 stainless steel chamber
- ✓ Quartz sleeve (Ø24.5 × 250 mm)
- ✓ UV lamp (T510, Ø18 × 210 mm)
- ✓ Power adaptor (electronic ballast)
- ✓ Replacement parts: SWC-SW60UV lamp • SWC-SW60QS sleeve • SWC-SW60EB ballast

No lamp-failure indicator is fitted on this model. Where lamp-status monitoring is required, specify a SovSafe E, ET or EB series unit.

Feed water limitations

Turbidity	0.58 mg/L
Iron	0.3 mg/L
Manganese	0.05 mg/L
Hydrogen sulfide	0.05 mg/L
Total hardness	120 mg/L CaCO ₃

DOMESTIC • POINT-OF-USE

ORDER OR ENQUIRE

Add the SovSafe SW60 to your system.

British-engineered, European-manufactured. UK • Middle East • Europe.

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