

UV DISINFECTION SYSTEM

POTABLE WATER • RESIDENTIAL AND INSTITUTIONAL

The DWS Series residential and institutional water treatment system provides a complete treatment of your drinkable water within a complete and ultra compact unit. This is accomplished without using harmful chemicals, making it an ecological choice.

- 1 A cartridge with a 5µ filter to remove suspended particles.
- 2 A cartridge with an activated carbon filter to reduce unpleasant odors and taste.
- 3 A reaction chamber with ultraviolet light to eradicate 99.99% of bacteria (E. coli), viruses, algae, fungi and others.



Public Fountains • Protective kit available.

Features

- Easy to install steel support.
- ICE Electronic Controller providing constant current output, lower temperature operation and excellent efficiency.
- Axial flow reactor (304 polished SS)
- “Sterilum eMC” UV lamps featuring a patented coating and a quartz sleeve that provides uniform temperature and consistent UV output.
- 9000 hours lamp lifespan.
- Quick-connect union and drainage hole.
- Quick and easy lamp and cartridge filter replacements.



Série SxQ



Série SC



Model	S1Q-DWS	S2Q-DWS	S5Q-DWS	SC200-DWS11	SC320-DWS12	SC320-DWS22
Flow ¹	7,5 lpm (2 gpm) 0,4 m ³ /hr	11,3 lpm (3 gpm) 0,7 m ³ /hr	22,7 lpm (6 gpm) 1,4 m ³ /hr	30,3 lpm (8 gpm) 1,8 m ³ /hr	49,2 lpm (13 gpm) 3,0 m ³ /hr	49,2 lpm (13 gpm) 3,0 m ³ /hr
Inlet / Outlet	¼" MNPT	½" MNPT	¾" MNPT	1" FNPT / Combo ¾" FNPT, 1" MNPT	1" FNPT / Combo ¾" FNPT, 1" MNPT	1" FNPT / Combo ¾" FNPT, 1" MNPT
Max. Service Pressure	8,62 bar (125 psi)	8,62 bar (125 psi)	8,62 bar (125 psi)	8,62 bar (125 psi)	8,62 bar (125 psi)	8,62 bar (125 psi)
Ambiant Water Temp.	2-40 °C (36-104 °F)	2-40 °C (36-104 °F)	2-40 °C (36-104 °F)	2-40 °C (36-104 °F)	2-40 °C (36-104 °F)	2-40 °C (36-104 °F)
Particle filter 5 µ	25cm (10 in)	25cm (10 in)	31cm (20 in)	25cm (10 in) ²	25cm (10 in) ²	31cm (20 in) ²
Activated Carbon Filter	25cm (10 in)	25cm (10 in)	31cm (20 in)	25cm (10 in) ²	31cm (20 in) ²	31cm (20 in) ²
Lamp Type	Sterilume™-EX	Sterilume™-EX	Sterilume™-EX	Sterilume™-HO	Sterilume™-HO	Sterilume™-HO
Lamp Power	14 W	17 W	24 W	30 W	36 W	36 W
Display -On/Off	Yes	Yes	Yes	Yes	Yes	Yes
Failure alarm (sound)	Yes	Yes	Yes	Yes	Yes	Yes
Display - Lamp replacement	No	No	No	Yes	Yes	Yes
Display - Residual operation	No	No	No	Yes	Yes	Yes
Display – Total length of usage	No	No	No	Yes	Yes	Yes
UV Monitor	No	No	No	Optional	Optional	Optional
4-20mA Outlet	No	No	No	Optional	Optional	Optional
Feed requirement	100-130V/50-60Hz	100-130V/50-60Hz	100-130V/50-60Hz	100-240V/50-60Hz	100-240V/50-60Hz	100-240V/50-60Hz
Power	16 W	19 W	26 W	35 W	42 W	42 W
Outside dimensions (width x depth X height)	42 x 15 x 35 cm 16,5 x 6 x 14 in	39 x 15 x 38 cm 15,5 x 6 x 15 in	52 x 15 x 71 cm 20,5 x 6 x 28 in	59,7 x 20,3 x 56cm 23,5 x 8 x 22 in	62 x 20,3 x 69,3cm 24,4 x 8 x 27,3 in	62 x 20,3 x 69,3cm 24,4 x 8 x 27,3 in
Weight	6,5 kg (14,3 lbs)	7,3 kg (16 lbs)	9,1 kg (20 lbs)	15,4 kg (34 lbs)	17,7 kg (39 lbs)	20 kg (44 lbs)

1. Flows according to a UV transmission factor (UVT) of 95% at the end of the lamp operation. The rates specified are based only on the UV system, the flow of the DWS systems vary and will be limited according to the cartridges installed.

2. High flow rate.

Manufacturer Warranty

The UV reactor chamber is guaranteed for seven (7) years; UV lamps, quartz sleeves, filter boxes and UV sensors and other components are guaranteed for one (1) year, excluding filtration cartridges.

