

SPECIFICATIONS - STANDARD SYSTEMS

MODEL	S1Q-PA	S2Q-PA/ SSM-17	S5Q-PA/ SSM-24	S8Q-PA/ SSM-37	S12Q-PA/ SSM-39
FLOW RATES¹					
US Public Health (16 mJ/cm ²)	12 lpm (3.5 gpm) (0.8 m ³ /hr)	15 lpm (5 gpm) (1.1 m ³ /hr)	42 lpm (11 gpm) (2.5 m ³ /hr)	75 lpm (20 gpm) (4.5 m ³ /hr)	110 lpm (29 gpm) (6.6 m ³ /hr)
VIQUA Standard (30 mJ/cm ²)	7 lpm (2 gpm) (0.4 m ³ /hr)	11 lpm (3 gpm) (0.7 m ³ /hr)	23 lpm (6 gpm) (1.4 m ³ /hr)	38 lpm (10 gpm) (2.3 m ³ /hr)	57 lpm (15 gpm) (3.4 m ³ /hr)
NSF/EPA (40 mJ/cm ²)	5 lpm (1.5 gpm) (0.3 m ³ /hr)	7 lpm (2 gpm) (0.4 m ³ /hr)	17 lpm (4.5 gpm) (1.0 m ³ /hr)	29 lpm (8 gpm) (1.8 m ³ /hr)	42 lpm (11 gpm) (2.5 m ³ /hr)
DIMENSIONS					
Chamber	39.4 cm x 6.4 cm (15.5" x 2.5")	43.4 cm x 6.4 cm (17.1" x 2.5")	56.1 cm x 6.4 cm (22.1" x 2.5")	90.4 cm x 6.4 cm (35.6" x 2.5")	95.3 cm x 8.9 cm (37.5" x 3.5")
Controller					
SSM Systems	21.1 cm x 8.1 cm x 6.4 cm (8.3" x 3.2" x 2.5")	21.1 cm x 8.1 cm x 6.4 cm (8.3" x 3.2" x 2.5")	21.1 cm x 8.1 cm x 6.4 cm (8.3" x 3.2" x 2.5")	21.1 cm x 8.1 cm x 6.4 cm (8.3" x 3.2" x 2.5")	21.1 cm x 8.1 cm x 6.4 cm (8.3" x 3.2" x 2.5")
SQ-PA Systems	18.6 cm x 8.1 cm x 6.4 cm (7.3" x 3.2" x 2.5")	18.6 cm x 8.1 cm x 6.4 cm (7.3" x 3.2" x 2.5")	18.6 cm x 8.1 cm x 6.4 cm (7.3" x 3.2" x 2.5")	18.6 cm x 8.1 cm x 6.4 cm (7.3" x 3.2" x 2.5")	18.6 cm x 8.1 cm x 6.4 cm (7.3" x 3.2" x 2.5")
Inlet/Outlet Port Size	1/4" MNPT	1/2" MNPT	3/4" MNPT	3/4" MNPT	Combo 3/4" FNPT/1" MNPT
Shipping Weight	2.7 kg (6 lbs.)	3.2 kg (7 lbs.)	3.6 kg (8 lbs.)	5.0 kg (11 lbs.)	5.9 kg (13 lbs.)
ELECTRICAL					
Voltage	100-240V/50-60Hz	100-240V/50-60Hz	100-240V/50-60Hz	100-240V/50-60Hz	100-240V/50-60Hz
Power Consumption	19 W	22 W	30 W	46 W	48 W
Lamp Watts	14 W	17 W	25 W	37 W	39 W
Maximum Operating 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)
Ambient Water Temperature	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)
Lamp Type Sterilume™ - EX (standard-output)					
Visual "Power-On"	Yes	Yes	Yes	Yes	Yes
Audible Lamp Failure	Yes	Yes	Yes	Yes	Yes
Lamp Replacement Reminder	Yes	Yes	Yes	Yes	Yes
Visual Lamp Life Remaining	Yes	Yes	Yes	Yes	Yes
Total Running Time	Yes	Yes	Yes	Yes	Yes
Chamber Material ²	304 SS	304 SS	304 SS	304 SS	304 SS
SSM MODELS ONLY					
254nm UV Monitor		Yes	Yes	Yes	Yes
Solenoid Output (solenoid not included)		Yes	Yes	Yes	Yes
4-20 mA Output		Yes (Optional 260134)	Yes (Optional 260134)	Yes (Optional 260134)	Yes (Optional 260134)

¹ Flow rates stated @ 95% UVT EOL

² 316 stainless steel available on request

Replacement Parts

S287RL – UV lamp for S1Q-PA	QS-012 – quartz sleeve for S12Q-PA/SSM-39
S330RL – UV lamp for S2Q-PA/SSM-17	QS-330 – quartz sleeve for S2Q-PA/SSM-17
S463RL – UV lamp for S5Q-PA/SSM-24	410867 – o-ring for quartz sleeves
S810RL – UV lamp for S8Q-PA/SSM-37	RN-001 – retaining nut for all systems
S36RL – UV lamp for S12Q-PA/SSM-39	BA-ICE-S – electronic ICE controller (100-240V/50-60Hz.)
QS-001 – quartz sleeve for S1Q-PA	BA-ICE-SM – electronic ICE monitored controller (100-240V/50-60Hz.)
QS-463 – quartz sleeve for S5Q-PA/SSM-24	254NM-S1 – UV monitor assembly for SSM series (all except SSM-39)
QS-810 – quartz sleeve for S8Q-PA/SSM-37	254NM-S2 – UV monitor assembly for SSM series (SSM-39)

