



S8Q-PA Drinking Water System Specifications

Model		S2Q-P/12VDC/ S2Q-PA		S5Q-P/12VDC/ S5Q-PA/SV5Q-PA*		S8Q-PA/ SV8Q-PA*	
Flow Rate	*NSF Class B Certified 16mJ/cm ² @ 70% UVT	-		3.6 gpm (13.6 lpm) (0.8 m ³ /hr)		7 gpm (26.5 lpm) (1.6 m ³ /hr)	
	US Public Health 16mJ/cm ² @ 95% UVT	5 gpm (19 lpm) (1.1 m ³ /hr)		11 gpm (42 lpm) (2.5 m ³ /hr)		20 gpm (75 lpm) (4.5 m ³ /hr)	
	VIQUA Standard 30 mJ/cm ² @ 95% UVT	3 gpm (11 lpm) (0.7 m ³ /hr)		6 gpm (23 lpm) (1.4 m ³ /hr)		10 gpm (38 lpm) (2.3 m ³ /hr)	
	NSF/EPA 40mJ/cm ² @ 95% UVT	2 gpm (7 lpm) (0.4 m ³ /hr)		4.5 gpm (17 lpm) (1.0 m ³ /hr)		8 gpm (29 lpm) (1.8 m ³ /hr)	
Dimensions	Chamber	43.2 cm x 6.4 cm (17" x 2.5")		56 cm x 6.4 cm (22" x 2.5")		90 cm x 6.4 cm (35" x 2.5")	
	Controller 100-250 VAC	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")	
	Controller 12 VDC	13.5 cm x 4.3 cm x 5.8 cm (5.3" x 1.7" x 2.3")		13.5 cm x 4.3 cm x 5.8 cm (5.3" x 1.7" x 2.3")		-	
Inlet/Outlet Port Size ¹		1/2" MNPT		3/4" MNPT		3/4" MNPT	
Shipping Weight		2.7 kg (6 lbs)		2.7 kg (6 lbs)		4.5 kg (10 lbs)	
Electrical	Voltage ²	100-240V/50-60Hz	12 VDC	100-240V/50-60Hz	12 VDC	100-240V/50-60Hz	
	Power Consumption	22 W	20 W	30 W	27 W	46 W	
	UV lamp Watts	17 W	15 W	25 W	20 W	37 W	
Maximum Operating Pressure		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)	
UV Lamp Type		Sterilume™-EX (standard-output)		Sterilume™-EX (standard-output)		Sterilume™-EX (standard-output)	
UV Chamber Material		304 SS		304 SS		304 SS	

¹ Units ending in "/2B" have BSPT connections.

² Units ending in "/2" are for 230V applications.