

Specifications



MODEL	VH150	VH200	VH410	VH410M
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FLOW RATES (@ 95% UVT)

US Public Health (16 mJ/cm ²)	12 GPM (45 lpm) (2.7 m ³ /hr)	16 GPM (60 lpm) (3.6 m ³ /hr)	34 GPM (130 lpm) (7.8 m ³ /hr)	34 GPM (130 lpm) (7.8 m ³ /hr)
VIQUA Standard (30 mJ/cm ²)	5 GPM (19 lpm) (1.1 m ³ /hr)	9 GPM (34 lpm) (2.0 m ³ /hr)	18 GPM (70 lpm) (4.2 m ³ /hr)	18 GPM (70 lpm) (4.2 m ³ /hr)
NSF/EPA (40 mJ/cm ²)	3.5 GPM (13 lpm) (0.8 m ³ /hr)	7 GPM (26 lpm) (1.6 m ³ /hr)	14 GPM (54 lpm) (3.3 m ³ /hr)	14 GPM (54 lpm) (3.3 m ³ /hr)

DIMENSIONS

Chamber	13" x 3.5" (33 cm x 8.9 cm)	17.75" x 3.5" (45 cm x 8.9 cm)	23.5" x 3.5" (59.6 cm x 8.9 cm)	23.5" x 3.5" (59.6 cm x 8.9 cm)
Controller	6.8" x 3.2" x 2.5" (17.2 cm x 8.1 cm x 6.4 cm)	6.8" x 3.2" x 2.5" (17.2 cm x 8.1 cm x 6.4 cm)	6.8" x 3.2" x 2.5" (17.2 cm x 8.1 cm x 6.4 cm)	9.25" x 3.25 x 2.5" (24 cm x 8.1 cm x 6.9 cm)
Inlet/Outlet Port Size	Combo 3/4" FNPT / 1" MNPT	3/4" - 1" MNPT COMBO*	3/4" - 1" MNPT COMBO*	3/4" - 1" MNPT COMBO*
Shipping Weight	8 lbs (3.6 kg)	12 lbs (5.4 kg)	17 lbs (7.7 kg)	17 lbs (7.7 kg)

ELECTRICAL

Voltage	120-240V / 50/60 Hz	120-240V / 50/60 Hz	120-240V / 50/60 Hz	120-240V / 50/60 Hz
Power Consumption	32 W	35 W	60 W	60 W
Maximum Operating Pressure	125 psi (8.62 bar)	125 psi (8.62 bar)	125 psi (8.62 bar)	125 psi (8.62 bar)
Influent 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)

FEATURES

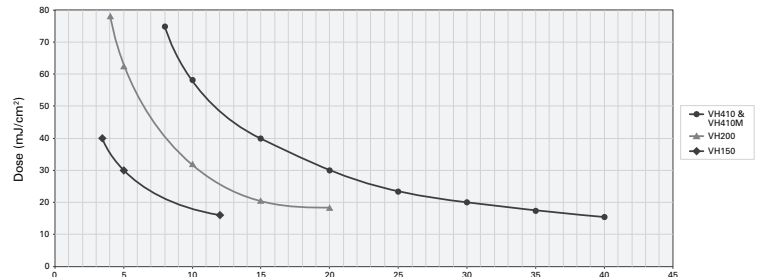
Visual "Power On"	YES	YES	YES	YES
Chamber Material	304 SS	304 SS	304 SS	304 SS
Visual Lamp Life Remaining	YES	YES	YES	YES
Audible Lamp Life Failure	YES	YES	YES	YES
Audible Lamp Replacement Reminder	YES	YES	YES	YES
UV Sensor	NO	NO	NO	YES

* /2B - BSP

Replacement Parts

S150RL-HO – UV lamp for VH150	QS-001 – quartz sleeve for VH200
S200RL-HO – UV lamp for VH200	QSO-410 – quartz sleeve for VH410 & VH410M
S410RL-HO – UV lamp for VH410 & VH410M	410867 – o-ring for quartz sleeves
QL-150 – quartz sleeve, UV lamp combo pack for VH150	RN-001 – retaining nut for all systems
QL-200 – quartz sleeve, UV lamp combo pack for VH200	RN-001/1 – retaining nut with plug for all systems
QL-410 – quartz sleeve, UV lamp combo pack for VH410 & VH410M	BA-ICE-CL – electronic ICE controller for VH150, VH200, VH410
QSO-150 – quartz sleeve for VH150	BA-ICE-CM – electronic ICE controller for VH410M

VH150, VH200, VH410, & VH410M DOSE CURVES



Water Quality Parameters

Hardness < 7 grains (120 mg/L)
Iron < 0.3 mg/L
Tannins < 0.1 mg/L



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