


 Powered by Sterilight	 Powered by Sterilight	 Powered by Sterilight	 Powered by Sterilight
	<ul style="list-style-type: none"> Most popular, cost effective UV disinfection system for recommended flow rates up to 6 GPM (23 lpm) Designed for use in a smaller home or cottage 	<ul style="list-style-type: none"> Popular “work horse” disinfection system for recommended flow rates up to 10 gpm (38 lpm) Cost-effective unit is suitable for whole-home disinfection in the average residence 	<ul style="list-style-type: none"> NSF 55 Class B Certified version of the S5Q-PA Suitable for smaller applications, this system is NSF (B) validated for flow rates up to 3.6 gpm (13 lpm) 	<ul style="list-style-type: none"> NSF 55 Class B Certified version of the S8Q-PA Suitable for use in an average home, this system is NSF (B) validated for flow rates up to 7 gpm (26 lpm)
	IMPROVED WARRANTY	IMPROVED WARRANTY	IMPROVED WARRANTY	IMPROVED WARRANTY
PART NUMBERS				
N. America (NEMA P-15)	S5Q-PA	S8Q-PA	SV5Q-PA	SV8Q-PA
EU CEE (CEE 7/7)	S5Q-PA/2	S8Q-PA/2	--	--
AUS/NZ (AS 3112)	S5Q-PA/2A	S8Q-PA/2A	--	--
UK (BS 1363)	S5Q-PA/2B	S8Q-PA/2B	--	--
DINSINFECTON FLOW RATES	Flow rates based on 95% UVT water (70% UVT for NSF 55 certified systems)			
16 mJ/cm ²	11 GPM (42 lpm) (2.5 m ³ /hr)	19 GPM (72 lpm) (4.3 m ³ /hr)	3.6 GPM (13 lpm) (0.8 m ³ /hr)	7.0 GPM (26 lpm) (1.6 m ³ /hr)
30 mJ/cm ²	6 GPM (23 lpm) (1.4 m ³ /hr)	10 GPM (38 lpm) (2.3 m ³ /hr)	--	--
40 mJ/cm ²	4.5 GPM (17 lpm) (1.0 m ³ /hr)	8 GPM (29 lpm) (1.8 m ³ /hr)	--	--
SPECIFICATIONS				
Dimensions inch (cm)	22" x 2 1/2" (56.1 cm x 6.4 cm)	35 1/2" x 2 1/2" (90.4 cm x 6.4 cm)	22" x 2 1/2" (56.1 cm x 6.4 cm)	35 1/2" x 2 1/2" (90.4 cm x 6.4 cm)
Shipping Weight lbs (kg)	8 lbs (3.6 kg)	11 lbs (5 kg)	8 lbs (3.6 kg)	11 lbs (5 kg)
Connection Size	3/4" MNPT (/2B - BSP)	3/4" MNPT (/2B - BSP)	3/4" MNPT	3/4" MNPT
Power Consumption	30W	46W	30W	46W
REPLACEMENT PARTS				
Lamp/Quartz Sleeve Kit	S463-QL	S810-QL	S463-QL	S810-QL
UV Lamp Only	S463RL	S810RL	S463RL	S810RL
Quartz Sleeve Only	QS-463	QS-810	QS-463	QS-810
Controller	BA-ICE-S	BA-ICE-S	BA-ICE-S	BA-ICE-S
Sediment Cartridge	--	--	--	--
Carbon Cartridge	--	--	--	--

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	 <p>Powered by Sterilight</p> <ul style="list-style-type: none"> • Suitable for applications with water flow rates up to 9 gpm (34 lpm) • High output lamp technology allows for a more compact footprint without compromising performance 	 <p>Powered by Sterilight</p> <ul style="list-style-type: none"> • Powerful, compact UV disinfection system designed for the larger home or light commercial application • Recommended for flow rates up to 18 gpm (68 lpm) and available with UV sensor (VH410M - Home Plus section) 	 <p>Powered by Sterilight</p> <ul style="list-style-type: none"> • Adds integral 5 micron pre-filtration module to the VH200 UV system • Mounted on a reversible, heavy duty, painted steel bracket for installation flexibility and convenience 	 <p>Powered by Sterilight</p> <ul style="list-style-type: none"> • Adds integral 5 micron pre-filtration module to the VH410 UV system • Mounted on a reversible, heavy duty, painted steel bracket for installation flexibility and convenience
	IMPROVED WARRANTY	NEW	IMPROVED WARRANTY	NEW
PART NUMBERS				
N. America (NEMA P-15)	VH200	VH410	VH200-F10	VH410-F20
EU CEE (CEE 7/7)	VH200/2	VH410/2	VH200-F10/2	VH410-F20/2
AUS/NZ (AS 3112)	VH200/2A	VH410/2A	VH200-F10/2A	VH410-F20/2A
UK (BS 1363)	VH200/2B	VH410/2B	VH200-F10/2B	VH410-F20/2B
DISINFECTION FLOW RATES	Flow rates based on 95% UVT water (70% UVT for NSF 55 certified systems)			
16 mJ/cm ²	16 GPM (60 lpm) (3.6 m ³ /hr)	34 GPM (130 lpm) (7.8 m ³ /hr)	16 GPM (60 lpm) (3.6 m ³ /hr)	34 GPM (130 lpm) (7.8 m ³ /hr)
30 mJ/cm ²	9 GPM (34 lpm) (2.0 m ³ /hr)	18 GPM (70 lpm) (4.2 m ³ /hr)	9 GPM (34 lpm) (2.0 m ³ /hr)	18 GPM (70 lpm) (4.2 m ³ /hr)
40 mJ/cm ²	7 GPM (26 lpm) (1.6 m ³ /hr)	14 GPM (54 lpm) (3.3 m ³ /hr)	7 GPM (26 lpm) (1.6 m ³ /hr)	14 GPM (54 lpm) (3.3 m ³ /hr)
SPECIFICATIONS				
Dimensions inch (cm)	17 3/4" x 3 1/2" (45 cm x 8.9 cm)	23 1/2" x 3 1/2" (59.6 cm x 8.9 cm)	17" x 10 1/2" x 18" (43 cm x 26 cm x 45 cm)	17" x 10 1/2" x 28" (43 cm x 26 cm x 71 cm)
Shipping Weight lbs (kg)	12 lbs (5.4 kg)	17 lbs (7.7 kg)	26 lbs (11.8 kg)	32 lbs (14.5 kg)
Connection Size	3/4" - 1" MNPT COMBO (1/2B - BSP)	3/4" - 1" MNPT COMBO (1/2B - BSP)	1" MNPT INLET / 1" x 3/4" COMBO OUTLET (1/2B - BSP)	1" MNPT INLET / 1" x 3/4" COMBO OUTLET (1/2B - BSP)
Power Consumption	35W	60W	35W	60W
REPLACEMENT PARTS				
Lamp/Quartz Sleeve Kit	QL-200	QL-410	QL-200	QL-410
UV Lamp Only	S200RL-HO	S410RL-HO	S200RL-HO	S410RL-HO
Quartz Sleeve Only	QS-001	QSO-410	QS-001	QSO-410
Controller	BA-ICE-CL	BA-ICE-CL	BA-ICE-CL	BA-ICE-CL
Sediment Cartridge	--	--	CMB-510-HF	CMB-520-HF
Carbon Cartridge	--	--	--	--

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MODEL				
N. America (NEMA)	S5Q-PA	S8Q-PA	SV5Q-PA	SV8Q-PA
EU CEE (CEE 7-7)	S5Q-PA/2	S8Q-PA/2	--	--
AUS/NZ (AS 3112)	S5Q-PA/2A	S8Q-PA/2A	--	--
UK (BS 1363)	S5Q-PA/2B	S8Q-PA/2B	--	--
FLOW RATES				
Rated flow at dose 16 mJ/cm ² @ 95% UVT	11 GPM (42 lpm) (2.5 m ³ /hr)	19 GPM (72 lpm) (4.3 m ³ /hr)	--	--
Rated flow at dose 30 mJ/cm ² @ 95% UVT	6 GPM (23 lpm) (1.4 m ³ /hr)	10 GPM (38 lpm) (2.3 m ³ /hr)	--	--
Rated flow at dose 40 mJ/cm ² @ 95% UVT	4.5 GPM (17 lpm) (1.0 m ³ /hr)	8 GPM (29 lpm) (1.8 m ³ /hr)	--	--
Rated flow for NSF Std 55, Class B	--	--	3.6 GPM (13 lpm) (0.8 m ³ /hr)	7 GPM (26 lpm) (1.6 m ³ /hr)
Rated flow for NSF Std 55, Class A	--	--	--	--
OPERATING PARAMETERS				
Max. Operating Pressure	125 psi (8.62 bar)	125 psi (8.62 bar)	125 psi (8.62 bar)	125 psi (8.62 bar)
Ambient Air Temperature	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)
Influent Water Temperature	2°C - 40°C (36°F -104°F)	2°C - 40°C (36°F -104°F)	2°C - 40°C (36°F -104°F)	2°C - 40°C (36°F -104°F)
Installation Orientation	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal
ELECTRICAL				
Voltage	100 - 240V	100 - 240V	100 - 240V	100 - 240V
Frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Max. Current	0.5A	0.7A	0.5A	0.7A
Power Consumption	30W	46W	30W	46W
DIMENSIONS				
Chamber inch (cm)	22" x 2 1/2" (56.1 cm x 6.4 cm)	35 1/2" x 2 1/2" (90.4 cm x 6.4 cm)	22" x 2 1/2" (56.1 cm x 6.4 cm)	35 1/2" x 2 1/2" (90.4 cm x 6.4 cm)
Controller	7 1/4" x 3 1/4" x 2 1/2" (18.6 cm x 8.1 cm x 6.4 cm)	7 1/4" x 3 1/4" x 2 1/2" (18.6 cm x 8.1 cm x 6.4 cm)	7 1/4" x 3 1/4" x 2 1/2" (18.6 cm x 8.1 cm x 6.4 cm)	7 1/4" x 3 1/4" x 2 1/2" (18.6 cm x 8.1 cm x 6.4 cm)
Inlet & Outlet	3/4" MNPT (/2B - BSP)	3/4" MNPT (/2B - BSP)	3/4" MNPT	3/4" MNPT
OPTIONS				
Dynamic Flow Restrictor	YES	YES	YES (INCLUDED)	YES (INCLUDED)
Temperature Management Valve	NO	NO	NO	NO
Solenoid Valve	NO	NO	NO	NO
FEATURES				
Chamber Material	304SS	304SS	304SS	304SS
UV Sensor	NO	NO	NO	NO
Visual "Power-On"	YES	YES	YES	YES
Visual Lamp Life Remaining	YES	YES	YES	YES
Audible Lamp Failure	YES	YES	YES	YES
Audible Lamp Replacement Reminder	YES	YES	YES	YES

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Specifications / Home

MODEL				
N. America (NEMA)	VH200	VH410	VH200-F10	VH410-F20
EU CEE (CEE 7-7)	VH200/2	VH410/2	VH200-F10/2	VH410-F20/2
AUS/NZ (AS 3112)	VH200/2A	VH410/2A	--	--
UK (BS 1363)	VH200/2B	VH410/2B	--	--
FLOW RATES				
Rated flow at dose 16 mJ/cm ² @ 95% UVT	16 GPM (60 lpm) (3.6 m ³ /hr)	34 GPM (130 lpm) (7.8 m ³ /hr)	16 GPM (60 lpm) (3.6 m ³ /hr)	34 GPM (130 lpm) (7.8 m ³ /hr)
Rated flow at dose 30 mJ/cm ² @ 95% UVT	9 GPM (34 lpm) (2.0 m ³ /hr)	18 GPM (70 lpm) (4.2 m ³ /hr)	9 GPM (34 lpm) (2.0 m ³ /hr)	18 GPM (70 lpm) (4.2 m ³ /hr)
Rated flow at dose 40 mJ/cm ² @ 95% UVT	7 GPM (26 lpm) (1.6 m ³ /hr)	14 GPM (54 lpm) (3.3 m ³ /hr)	7 GPM (26 lpm) (1.6 m ³ /hr)	14 GPM (54 lpm) (3.3 m ³ /hr)
Rated flow for NSF Std 55, Class B	--	--	--	--
Rated flow for NSF Std 55, Class A	--	--	--	--
OPERATING PARAMETERS				
Max. Operating Pressure	125 psi (8.62 bar)	125 psi (8.62 bar)	125 psi (8.62 bar)	125 psi (8.62 bar)
Ambient Air Temperature	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)
Influent Water Temperature	2°C - 40°C (36°F -104°F)	2°C - 40°C (36°F -104°F)	2°C - 40°C (36°F -104°F)	2°C - 40°C (36°F -104°F)
Installation Orientation	Vertical or Horizontal	Vertical or Horizontal	--	--
ELECTRICAL				
Voltage	100 - 240V	100 - 240V	100 - 240V	100 - 240V
Frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Max. Current	0.6A	1.0A	0.6A	1.0A
Power Consumption	35W	60W	35W	60W
DIMENSIONS				
Chamber inch (cm)	17 3/4" x 3 1/2" (45 cm x 8.9 cm)	23 1/2" x 3 1/2" (59.6 cm x 8.9 cm)	17" x 10 1/2" x 18" (43 cm x 26 cm x 45 cm)	17" x 10 1/2" x 28" (43 cm x 26 cm x 71 cm)
Controller	7 1/4" x 3 1/4" x 2 1/2" (18.6 cm x 8.1 cm x 6.4 cm)	7 1/4" x 3 1/4" x 2 1/2" (18.6 cm x 8.1 cm x 6.4 cm)	7 1/4" x 3 1/4" x 2 1/2" (18.6 cm x 8.1 cm x 6.4 cm)	7 1/4" x 3 1/4" x 2 1/2" (18.6 cm x 8.1 cm x 6.4 cm)
Inlet & Outlet	3/4"- 1" MNPT COMBO (/2B - BSP)	3/4"- 1" MNPT COMBO (/2B - BSP)	1"MNPT INLET / 1" x 3/4" COMBO OUTLET (/2B - BSP)	1"MNPT INLET / 1" x 3/4" COMBO OUTLET (/2B - BSP)
OPTIONS				
Dynamic Flow Restrictor	YES	YES	YES	YES
Temperature Management Valve	YES	YES	YES	YES
Solenoid Valve	NO	NO	NO	NO
FEATURES				
Chamber Material	304SS	304SS	304SS	304SS
UV Sensor	NO	NO	NO	NO
Visual "Power-On"	YES	YES	YES	YES
Visual Lamp Life Remaining	YES	YES	YES	YES
Audible Lamp Failure	YES	YES	YES	YES
Audible Lamp Replacement Reminder	YES	YES	YES	YES

UV // Home Plus



Powered by
Sterilight

- Adds state of the art UV sensor technology to the VH410 UV system
- Continuous feedback of UV disinfection performance for added peace of mind in applications requiring up to 18 gpm (70 lpm) flow rates

NEW



Powered by
UVMAX

- Adds integral pre-filtration to the D4 UV disinfection unit
- Includes 10" and 20" filter housings with high-flow 5 micron sediment and taste/ odour cartridges
- Mounted on a heavy-duty, painted steel bracket for ease of installation



Powered by
UVMAX

- Adds integral pre-filtration to the D4 UV disinfection unit
- Includes two 20" filter housings with high-flow 5 micron sediment and taste/ odour cartridges
- Mounted on a heavy duty, painted steel bracket for ease of installation

PART NUMBERS			
N. America (NEMA P-15)	VH410M	IHS12-D4	IHS22-D4
EU CEE (CEE 7/7)	VH410M/2	IHS12-D4/2	IHS22-D4/2
AUS/NZ (AS 3112)	VH410M/2A	IHS12-D4/2A	IHS22-D4/2A
UK (BS 1363)	VH410M/2B	IHS12-D4/2B	IHS22-D4/2B
DISINFECTION FLOW RATES			
Flow rates based on 95% UVT water (70% UVT for NSF 55 certified systems)			
16 mJ/cm ²	34 GPM (130 lpm) (7.8 m ³ /hr)	--	--
30 mJ/cm ²	18 GPM (70 lpm) (4.2 m ³ /hr)	12 GPM (45 lpm) (2.7 m ³ /hr)	12 GPM (45 lpm) (2.7 m ³ /hr)
40 mJ/cm ²	14 GPM (54 lpm) (3.3 m ³ /hr)	9 GPM (34 lpm) (2.0 m ³ /hr)	9 GPM (34 lpm) (2.0 m ³ /hr)
SPECIFICATIONS			
Dimensions inch (cm)	23 1/2" x 3 1/2" (59.6 cm x 8.9 cm)	25 1/5" x 12" x 28" (64 cm x 30 cm x 70 cm)	25 1/5" x 12" x 28" (64 cm x 30 cm x 70 cm)
Shipping Weight lbs (kg)	17 lbs (7.7 kg)	35 lbs (15.9 kg)	35 lbs (15.9 kg)
Connection Size	3/4" - 1" COMBO NPT (2B - BSP)	3/4" FNPT/MNPT	3/4" FNPT/MNPT
Power Consumption	60W	50W	50W
REPLACEMENT PARTS			
Lamp/Quartz Sleeve Kit	QL-410	602810-102	602810-102
UV Lamp Only	S410RLHO	602805	602805
Quartz Sleeve Only	QSO-410	602732	602732
UV Sensor	254NM-C1	--	--
Controller	BA-ICE-CM	650713-007	650713-007

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Specifications / Home Plus



MODEL			
N. America (NEMA)	VH410M	IHS12-D4	IHS22-D4
EU CEE (CEE 7-7)	VH410M/2	IHS12-D4/2	IHS22-D4/2
AUS/NZ (AS 3112)	VH410M/2A	--	--
UK (BS 1363)	VH410M/2B	--	--
FLOW RATES			
Rated flow at dose 16 mJ/cm ² @ 95% UVT	34 GPM (130 lpm) (7.8 m ³ /hr)	--	--
Rated flow at dose 30 mJ/cm ² @ 95% UVT	18 GPM (70 lpm) (4.2 m ³ /hr)	12 GPM (45 lpm) (2.7 m ³ /hr)	12 GPM (45 lpm) (2.7 m ³ /hr)
Rated flow at dose 40 mJ/cm ² @ 95% UVT	14 GPM (54 lpm) (3.3 m ³ /hr)	9 GPM (34 lpm) (2 m ³ /hr)	9 GPM (34 lpm) (2 m ³ /hr)
Rated flow for NSF Std 55, Class B	--	--	--
Rated flow for NSF Std 55, Class A	--	--	--
OPERATING PARAMETERS			
Max. Operating Pressure	125 psi (8.62 bar)	125 psi (8.62 bar)	125 psi (8.62 bar)
Ambient Air Temperature	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)
Influent Water Temperature	2°C - 40°C (36°F - 104°F)	2°C - 40°C (36°F - 104°F)	2°C - 40°C (36°F - 104°F)
Installation Orientation	Vertical or Horizontal	--	--
ELECTRICAL			
Voltage	100-240VAC	100-240VAC	100-240VAC
Frequency	50-60 Hz	50-60 Hz	50-60 Hz
Max. Current	1.0A	0.8A	0.8A
Power Consumption	60W	50W	50W
DIMENSIONS			
Chamber inch (cm)	23 1/2" x 3 1/2" (59.6 cm x 8.9 cm)	25 1/5" x 12" x 28" (64 cm x 30 cm x 70 cm)	25 1/5" x 12" x 28" (64 cm x 30 cm x 70 cm)
Controller	9 1/4" x 3 1/4" x 2 1/2" (24 cm x 8.1 cm x 6.9 cm)	8 1/2" x 6" x 8" (22 cm x 15 cm x 7.6 cm)	8 1/2" x 6" x 8" (22 cm x 15 cm x 7.6 cm)
Inlet & Outlet	3/4" - 1" COMBO NPT (/2B - BSP)	3/4" FNPT/MNPT	3/4" FNPT/MNPT
OPTIONS			
Dynamic Flow Restrictor	YES	YES	YES
Temperature Management Valve	YES	YES	YES
Solenoid Valve	YES	YES	YES
FEATURES			
Chamber Material	304SS	304SS	304SS
UV Sensor	YES	NO	NO
Visual "Power-On"	YES	YES	YES
Visual Lamp Life Remaining	YES	YES	YES
Audible Lamp Failure	YES	YES	YES
Audible Lamp Replacement Reminder	YES	YES	YES
Sensor Reading Output (4-20mA)	OPTIONAL WITH 260134	NO	NO