

## Integrated Home System



The quality of drinking water can change with time and become contaminated with harmful bacteria. The Sterilight Platinum™ Integrated Home System is a reliable, economical and chemical-free way to improve the quality of drinking water in any residential application. The Sterilight Platinum Integrated Home System has been designed to ensure quality drinking water is at everyone's finger tips.

### Features of the Sterilight Platinum Integrated Home System

- Equipped to inactivate chlorine-resistant parasites such as *Cryptosporidium* and *Giardia*, harmful bacteria like *E.Coli* and viruses not visible to the naked eye.
- High-output UV lamp technology coupled with effective filtration, to provide a comprehensive "whole house" system.
- System comes equipped with a 20" sediment filter to remove particles from the water and a 20" carbon filter to improve taste and odour.
- The system is easy to install and maintain.
- The ultraviolet lamp can be changed without interrupting the water flow.
- Built with a stainless steel chamber to prolong chamber life and eliminate ultraviolet light degradation.
- Quick connect union and drain port allows for easy maintenance and winter storage if required.
- The system comes equipped with a sensor which decreases the UV intensity when the system is not in use for increased power efficiency.
- The system allows you to visually monitor lamp life, track UV dose and complete a full diagnostic check upon start up.
- Available with a solenoid valve which stops the water flow should the system go into alarm.



# SPECIFICATIONS

## GENERAL

Chamber Material	316L SS
Electropolished & Passivated	Yes
UV Intensity Monitor	Yes
Flow Pacing – Sensor	Yes
Filter Housing	Two 20" high flow

## ELAPSED TIME METER

Countdown	Yes
Total Hours	Yes



## CONTROLS

Flow Restrictor	Yes
Dry Contacts	Yes
Lamp Replacement Reminder	Yes
Diagnostic Check	Yes

## OPERATING PARAMETERS

Maximum Operating Pressure	8.62 bar (125 psi)
Minimum Operating Pressure	1 bar (14.5 psi)
Pressure Drop at Rated Flow	0.3 bar (4 psi) at 50% rated flow*
Ambient Water Temperature	2-40°C (36-104°F)
Maximum Ambient Temperature	40°C (104°F)

NSF/ANSI Certification  Standard 55 Class A

Other Certifications  

\* Pressure drop due to flow restrictor not limited by the installed cartridge.

## SPV410-IHS22

<sup>1</sup>Rated flow at dose of 40 mJ/cm<sup>2</sup> 22.6 lpm (5.9 gpm) (1.3 m<sup>3</sup>/hr)

## Electrical

Voltage	90-265V/50-60 Hz.
Power Consumption	60 W
Lamp Watts	46 W

## Dimensions

Reactor	67 cm x 9 cm (26" x 3.5")
Controller	28 cm x 11 cm (11" x 4.5")
Shipping Weight	11 kg (25 lbs)
Inlet/Outlet Port Size	1" NPT

Overall Dimensions (width x depth x height) 63 cm x 20 cm x 84 cm  
25" x 8" x 33.25"

<sup>1</sup> Flow rates stated as determined by NSF/ANSI Standard 55 testing.

## Replacement Parts

S410RL-HO – UV lamp
QS-410 – quartz sleeve
SPC-ICE-HO – controller
254NM-FP2 – UV sensor
FRSS-6 – flow restrictor
410867 – o-ring for quartz sleeves
RN-001 – retaining-nut
CMB-520-HF – sediment cartridge, 5 microns
C2-02 – modified block carbon, 5 microns

## Warranty

Please visit [www.viqua.com](http://www.viqua.com) for the comprehensive warranty for our Sterilight product line.



**WATERTIGER™**

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[www.watertiger.net](http://www.watertiger.net)



Systems tested and certified by NSF International against NSF/ANSI Standard 55 for disinfection performance, Class A.

Powered by

**VIQUA™**

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