

## VIQUA Professional



Whether you're looking to fit a small school or a large hotel, VIQUA has an ultraviolet (UV) disinfection solution to meet your needs. Our professional-grade equipment redefines reliability with rock-solid performance under all environmental conditions.

VIQUA's light commercial line of products includes our Professional and Professional Plus, with flow rates ranging from 10 - 183 gpm, and offers standard NSF and UVDGM-certified systems, monitored and unmonitored.

VIQUA's NSF 55 Class A Professional systems feature flow meter technology for accurate real-time UV dose measurement and reporting, together with a completely redesigned UV sensor for vastly improved reliability.

### Benefits of UV disinfection

- Chemical-free
- Easy to install and service
- Economical and energy efficient
- Addresses broader range of pathogens than chlorine\*
- Recognized by regulators including USEPA

\*Some protozoa like Cryptosporidium and Giardia are resistant to chlorination.

In many jurisdictions, campgrounds, churches, and even golf courses are considered "small drinking water systems". Why? Because they're all places where the public can get drinking water. In these circumstances, any water supply that is not municipal will need to be disinfected. The regulations are also likely to specify that if UV is chosen for disinfection, the system will have to conform to NSF Standard 55 Class A. Systems meeting this specification are rigorously tested to ensure a UV dose of 40 mJ/cm<sup>2</sup> to inactivate microorganisms, including bacteria and viruses, from contaminated water.

### Where can VIQUA's Professional and Professional Plus UV systems be used? Everywhere!

In many jurisdictions, the facilities below - especially if the facility is served by a private water supply - are often subject to water quality regulations. Systems in the VIQUA Professional series that have been tested and certified under the rigours of the NSF/ANSI Standard 55 Class A certification or UVDGM (USEPA) designation are ideally suited to these situations. Even where a residual is required, using a multi-barrier approach (UV plus reduced chlorination) can deliver complete safety while reducing exposure to chlorination by-products.

#### Schools, daycares, eldercare, and healthcare facilities

The young, the elderly, and those with compromised immune systems are among those most susceptible

to infection. UV offers a safe, chemical-free solution to keep these vulnerable individuals safe from biological contamination in their water.

#### Cottages and camps

Whether the water source is a lake or a well, don't let poor water quality ruin your customer's recreation. UV is a chemical-free solution to protect all outdoor enthusiasts. For non-community water suppliers like camps, VIQUA UV systems can protect visitors and business owners alike. A multi-barrier approach will meet all the regulations with minimal use of chemicals.

#### Offices and public buildings

It's simply good business to ensure the quality and safety of the water provided for employees and visitors, from washrooms and drinking fountains, to water features. Protecting your employees and visitors protects your business interests, too.

#### Restaurants, hotels, and resorts

It's hard to name an industry that relies more heavily on recommendations and word-of-mouth. Guest experience is everything. Water quality enhances food and beverages, and water safety ensures your reputation - and your livelihood. Count on the protection of VIQUA UV systems.

#### Dairy and Livestock

Animals grow faster, and cows produce more milk with a clean, safe water supply. Why? They drink more, and get sick and dehydrated less often. Using VIQUA UV treatment provides a chlorine-free means of protecting animals from infection.

## Professional UV Systems

Part #	Flow rates @95% UVT			Size (HxD / HxDxW)	Shipping Weight	Connection Size	Power
	16mJ/cm <sup>2</sup>	30mJ/cm <sup>2</sup>	40mJ/cm <sup>2</sup>				
VP600	40 gpm	30 gpm	22 gpm	30.7" x 3.5"	19 lbs	1" MNPT	70W
VP950	54 gpm	46 gpm	35 gpm	45" x 3.5"	29 lbs	1.5" MNPT	100W
SHF-140	268 gpm	143 gpm	107 gpm	34" x 6" x 14"	68 lbs	3" FLANGE	320W
SHF-180	343 gpm	183 gpm	137 gpm	42.5" x 6" x 14"	78 lbs	3" FLANGE	400W

## Professional Plus UV Systems

Part #	Flow rates @ 95% UVT (NSF units 70% UVT)			Size (HxD / HxDxW)	Shipping weight	Connection Size	Power	Sensor	Certification*
	16mJ/cm <sup>2</sup>	30mJ/cm <sup>2</sup>	40mJ/cm <sup>2</sup>						
VP600M	40 gpm	30 gpm	22 gpm	30.7" x 3.5"	19 lbs	1" MNPT	70W	Yes	--
VP950M	54 gpm	46 gpm	35 gpm	45" x 3.5"	29 lbs	1.5" MNPT	100W	Yes	
650682 (E4)	42 gpm	22 gpm	16 gpm	30" x 4"	13 lbs	1" MNPT	83W	No	--
650683 (E4+)	42 gpm	22 gpm	16 gpm	30" x 4"	13 lbs	1" MNPT	83W	Yes	--
660040-R (E4-V)	15.8 gpm	--	--	30" x 4"	13 lbs	1" MNPT	83W	No	NSF 55 Class B
660043-R (E4-V+)	15.8 gpm	--	--	30" x 4"	13 lbs	1" MNPT	83W	Yes	NSF 55 Class B
650686 (F4)	45 gpm	36 gpm	27 gpm	44.25" x 4"	18 lbs	1" MNPT	130W	No	--
650687 (F4+)	45 gpm	36 gpm	27 gpm	44.25" x 4"	18 lbs	1" MNPT	130W	Yes	--
660041-R (F4-V)	26.1 gpm	--	--	44.25" x 4"	18 lbs	1" MNPT	130W	No	NSF 55 Class B
660044-R (F4-V+)	26.1 gpm	--	--	44.25" x 4"	18 lbs	1" MNPT	130W	Yes	NSF 55 Class B
650651 (H)	48 gpm	45 gpm	37 gpm	31" x 4"	28 lbs	1 1/4" MNPT x 1" FNPT COMBO	160W	No	--
650652 (H+)	48 gpm	45 gpm	37 gpm	31" x 4"	28 lbs	1 1/4" MNPT x 1" FNPT COMBO	160W	Yes	--
660001-R (K)	120 gpm	80 gpm	60 gpm	41" x 4"	32 lbs	2" MNPT	230W	No	--
660002-R (K+)	120 gpm	80 gpm	60 gpm	41" x 4"	32 lbs	2" MNPT	230W	Yes	--
650647 (PRO10)	--	--	10 gpm	22" x 4"	25 lbs	1 1/4" MNPT x 1" FNPT COMBO	120W	Yes	NSF 55 Class A
650653 (PRO20)	--	--	20 gpm	31" x 4"	28 lbs	1 1/4" MNPT x 1" FNPT COMBO	160W	Yes	NSF 55 Class A
650659 (PRO30)	--	--	30 gpm	41" x 4"	32 lbs	1 1/4" MNPT x 1" FNPT COMBO	230W	Yes	NSF 55 Class A
660003-R (PRO50)	110 gpm	65 gpm	50 gpm	41" x 4"	32 lbs	2" MNPT	230W	Yes	USEPA UVDGM 2006
IHS22-E4	--	22 gpm	16 gpm	25" x 12" x 36.6"	52 lbs	1" FNPT IN / 1" MNPT OUT	83W	No	--
SHFM-140	268 gpm	143 gpm	107 gpm	34" x 6" x 14"	70 lbs	3" FLANGE	320W	Yes	--
SHFM-180	343 gpm	183 gpm	137 gpm	42.5" x 6" x 14"	80 lbs	3" FLANGE	400W	Yes	--

\*All VIQUA systems are UL-certified.

## About VIQUA

VIQUA is proud to be the world's largest supplier of residential and light commercial UV water disinfection systems, providing safe water without the use of chemicals. Whether you choose a point-of-entry or a point-of-use system, your VIQUA UV system will disinfect your drinking water, keeping you and your family safe from microbiological contaminants. Our promise is clear: simply safe water. For more information, visit [www.viqua.com](http://www.viqua.com).