



# PRO24-100

## 2-Log *Adenovirus* UV Water Treatment System

VIQUA's PRO24-100 UV water treatment system makes complying with the Ground Water Rule and LT2 regulations a lot easier.

The PRO24-100 system provides safe drinking water for small public water systems (PWS), in accordance with state, provincial, and federal regulations. As PWS get smaller, the available capacity for testing, metering, and monitoring becomes a challenge. The PRO24-100 is designed to measure and log UV dose and flow, and with a four-point stepped validation, ensures safety and compliance at all times.

### A small system for public water applications

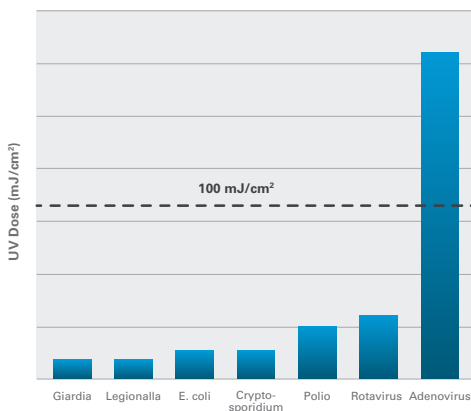
- Churches
- Schools
- Rest areas
- Bed and breakfasts
- Community centers
- Restaurants
- Camps
- Dairy, swine, and poultry farms

### Features of the VIQUA PRO24-100 system

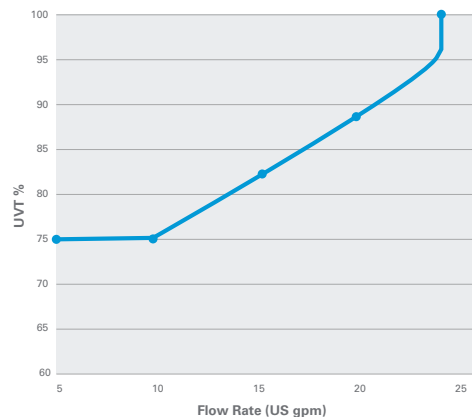
- Third-party validated for *adenovirus* (2-log virus) for 24 gpm (91 lpm) flow at an applied UV dose of 100 mJ/cm<sup>2</sup>
- Ultra-high-output VIQUA amalgam UV lamps with CoolTouch fan technology
- COMMcenter that displays real-time UV dose information and records



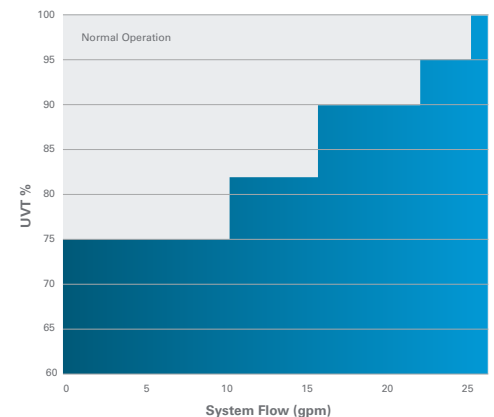
USEPA Requirements for 2-log Inactivation of Viruses



PRO24-100 2-log Virus Credit (Above Line)



Stepped Dose Alarm



## Specifications

### PRO24-100 (US EPA 2-log)

#### Part numbers

North America (NEMA P-15)	660095-R (PRO24-100)
EU CEE (CEE 7-7)	660096-R

#### Flow rates

UV dose	100 mJ/cm <sup>2</sup>
Validated flow	10, 15, 21, and 24 US gpm (UVT dependent)
Validated UVT*	75%, 85%, 90%, and 95%

#### Dimensions

Chamber	41 in. x 4 in. (103 cm x 10 cm)
Inlet and outlet port size	1.25 in. MNPT x 1 in. FNPT combo
Shipping weight	31 lbs (14 kg)

#### Electrical

Power consumption	230 W
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\* Refer to the Validation Chart for alternative UVT validated flow rates.

#### Replacement parts

<b>602850-103:</b> lamp and quartz sleeve kit	<b>650709-014:</b> controller
<b>602856:</b> UV lamp only	<b>270288-R:</b> COMMcenter
<b>602976:</b> quartz sleeve	<b>410982R-30:</b> flow meter
<b>650580:</b> UV sensor	

#### Water quality parameters

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

To learn more about the VIQUA PRO24-100 and its efficacy, visit [VIQUA.com](https://www.viqua.com)