

Viqua Pro Series

ULTRA-VIOLET DISINFECTION SYSTEMS

Eliminates bacteria and viruses with specific UV wavelength, ensuring clean, taste-free and odour-free water without chemicals.



VIQUA PRO10

FEATURES

- NSF55 Class A Certified (PRO10, 20, 30)
- USEPA UVDGM Validated (PRO 50)
- USEPA 2-Log Adenovirus validation (PRO24-100)
- USEPA 4-Log Adenovirus validation (PRO 24-186)
- CoolTouch Fan function to reduce water temperature
- Flow sensor monitor for real-time UV dose (PRO 10, 20, 30)
- LightWise technology allows controller to reduce lamp power during periods of no-flow to maintain water temperature below 40°C (PRO 10, 20, 30 only)
- Optional COMMcenter displays UV dose and can monitor up to 9 UV systems!
- Controller interface includes audible alarm, lamp/controller/fan/solenoid valve/sensor/flow-meter operation indicators, flow rate sensor set-point alarms

OPERATIONAL REQUIREMENTS

PRODUCT CODE

H10100500

FLOW RATES

Rated flow at dose 16 mJ/cm² @ 95% UVT

Rated flow at dose 30 mJ/cm² @ 95% UVT

Rated flow at dose 40 mJ/cm² @ 95% UVT 38 L/m (2.2m³/hr)

OPERATING PARAMETERS

Max Operating Pressure 860kPa

Ambient Air Temperature 0°C - 40°C

Influent Water Temperature 2°C - 40°C

Installation Orientation Vertical

ELECTRICAL

Voltage 240V

Frequency 50-60Hz

Max. Current

Power Consumption 120W

DIMENSIONS

Chamber 54cm x 10cm

Controller 33cm x 16.5cm x 11.5cm

Inlet & Outlet 1 1/4" BSPM

FEATURES

Chamber Material 316LSS

Visual "Power-On" YES

Visual Lamp Life Remaining YES

Audible Lamp Failure YES

Audible Lamp Replacement Reminder YES

UV Intensity Monitor YES

Cool Touch Fan YES

Sensor Reading Output (4-20mA) Optional

Disclaimer. Southland Filtration reserves the right to, at any time change any details of design, specifications and performance figures of any published data.

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VIQUA PRO20

FEATURES

- NSF55 Class A Certified (PRO10, 20, 30)
- USEPA UVDGM Validated (PRO 50)
- USEPA 2-Log Adenovirus validation (PRO24-100)
- USEPA 4-Log Adenovirus validation (PRO 24-186)
- CoolTouch Fan function to reduce water temperature
- Flow sensor monitor for real-time UV dose (PRO 10, 20, 30)
- LightWise technology allows controller to reduce lamp power during periods of no-flow to maintain water temperature below 40°C (PRO 10, 20, 30 only)
- Optional COMMcenter displays UV dose and can monitor up to 9 UV systems!
- Controller interface includes audible alarm, lamp/controller/fan/solenoid valve/sensor/flow-meter operation indicators, flow rate sensor set-point alarms

OPERATIONAL REQUIREMENTS

PRODUCT CODE

H10101000

FLOW RATES

Rated flow at dose 16 mJ/cm² @ 95% UVT

Rated flow at dose 30 mJ/cm² @ 95% UVT

Rated flow at dose 40 mJ/cm² @ 95% UVT 76 L/m (4.56m³/hr)

OPERATING PARAMETERS

Max Operating Pressure 860kPa

Ambient Air Temperature 0°C - 40°C

Influent Water Temperature 2°C - 40°C

Installation Orientation Vertical

ELECTRICAL

Voltage 240V

Frequency 50-60Hz

Max. Current

Power Consumption 160W

DIMENSIONS

Chamber 78cm x 10cm

Controller 33cm x 16.5cm x 11.5cm

Inlet & Outlet 1 1/4" BSPM

FEATURES

Chamber Material 316LSS

Visual "Power-On" YES

Visual Lamp Life Remaining YES

Audible Lamp Failure YES

Audible Lamp Replacement Reminder YES

UV Intensity Monitor YES

Cool Touch Fan YES

Sensor Reading Output (4-20mA) Optional

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VIQUA PRO30

FEATURES

- NSF55 Class A Certified (PRO10, 20, 30)
- USEPA UVDGM Validated (PRO 50)
- USEPA 2-Log Adenovirus validation (PRO24-100)
- USEPA 4-Log Adenovirus validation (PRO 24-186)
- CoolTouch Fan function to reduce water temperature
- Flow sensor monitor for real-time UV dose (PRO 10, 20, 30)
- LightWise technology allows controller to reduce lamp power during periods of no-flow to maintain water temperature below 40°C (PRO 10, 20, 30 only)
- Optional COMMcenter displays UV dose and can monitor up to 9 UV systems!
- Controller interface includes audible alarm, lamp/controller/fan/solenoid valve/sensor/flow-meter operation indicators, flow rate sensor set-point alarms

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OPERATIONAL REQUIREMENTS

PRODUCT CODE

H10101500

FLOW RATES

Rated flow at dose 16 mJ/cm² @ 95% UVT

Rated flow at dose 30 mJ/cm² @ 95% UVT

Rated flow at dose 40 mJ/cm² @ 95% UVT 113 L/m (6.78m³/hr)

OPERATING PARAMETERS

Max Operating Pressure 860kPa

Ambient Air Temperature 0°C - 40°C

Influent Water Temperature 2°C - 40°C

Installation Orientation Vertical

ELECTRICAL

Voltage 240V

Frequency 50-60Hz

Max. Current

Power Consumption 230W

DIMENSIONS

Chamber 103cm x 10cm

Controller 33cm x 16.5cm x 11.5cm

Inlet & Outlet 1 1/4" BSPM

FEATURES

Chamber Material 316LSS

Visual "Power-On" YES

Visual Lamp Life Remaining YES

Audible Lamp Failure YES

Audible Lamp Replacement Reminder YES

UV Intensity Monitor YES

Cool Touch Fan YES

Sensor Reading Output (4-20mA) Optional

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VIQUA PRO50

FEATURES

- NSF55 Class A Certified (PRO10, 20, 30)
- USEPA UVDGM Validated (PRO 50)
- USEPA 2-Log Adenovirus validation (PRO24-100)
- USEPA 4-Log Adenovirus validation (PRO 24-186)
- CoolTouch Fan function to reduce water temperature
- Flow sensor monitor for real-time UV dose (PRO 10, 20, 30)
- LightWise technology allows controller to reduce lamp power during periods of no-flow to maintain water temperature below 40°C (PRO 10, 20, 30 only)
- Optional COMMcenter displays UV dose and can monitor up to 9 UV systems!
- Controller interface includes audible alarm, lamp/controller/fan/solenoid valve/sensor/flow-meter operation indicators, flow rate sensor set-point alarms

OPERATIONAL REQUIREMENTS

PRODUCT CODE

H10102000

FLOW RATES

Rated flow at dose 16 mJ/cm² @ 95% UVT 415 L/m (24.9m³/hr)

Rated flow at dose 30 mJ/cm² @ 95% UVT 245 L/m (14.7m³/hr)

Rated flow at dose 40 mJ/cm² @ 95% UVT 113 L/m (6.78m³/hr)

OPERATING PARAMETERS

Max Operating Pressure 860kPa

Ambient Air Temperature 0°C - 40°C

Influent Water Temperature 2°C - 40°C

Installation Orientation Vertical

ELECTRICAL

Voltage 240V

Frequency 50-60Hz

Max. Current

Power Consumption 230W

DIMENSIONS

Chamber 103cm x 10cm

Controller 33cm x 16.5cm x 11.5cm

Inlet & Outlet 2" BSPM

FEATURES

Chamber Material 316LSS

Visual "Power-On" YES

Visual Lamp Life Remaining YES

Audible Lamp Failure YES

Audible Lamp Replacement Reminder YES

UV Intensity Monitor YES

Cool Touch Fan YES

Sensor Reading Output (4-20mA) Optional

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VIQUA PRO24-100

FEATURES

- NSF55 Class A Certified (PRO10, 20, 30)
- USEPA UVDGM Validated (PRO 50)
- USEPA 2-Log Adenovirus validation (PRO24-100)
- USEPA 4-Log Adenovirus validation (PRO 24-186)
- CoolTouch Fan function to reduce water temperature
- Flow sensor monitor for real-time UV dose (PRO 10, 20, 30)
- LightWise technology allows controller to reduce lamp power during periods of no-flow to maintain water temperature below 40°C (PRO 10, 20, 30 only)
- Optional COMMcenter displays UV dose and can monitor up to 9 UV systems!
- Controller interface includes audible alarm, lamp/controller/fan/solenoid valve/sensor/flow-meter operation indicators, flow rate sensor set-point alarms

OPERATIONAL REQUIREMENTS

PRODUCT CODE

H10102500

FLOW RATES

Rated flow at dose 16 mJ/cm ² @ 95% UVT	Fully 3rd party validated to USEPA protocol for 2-log Adenovirus reduction for flow rates up to 90 L/m with a UV dose of not less than 100mJ/cm ² at 95% UVT
Rated flow at dose 30 mJ/cm ² @ 95% UVT	
Rated flow at dose 40 mJ/cm ² @ 95% UVT	

OPERATING PARAMETERS

Max Operating Pressure	860kPa
Ambient Air Temperature	0°C - 40°C
Influent Water Temperature	2°C - 40°C
Installation Orientation	Vertical

ELECTRICAL

Voltage	240V
Frequency	50-60Hz
Max. Current	
Power Consumption	230W

DIMENSIONS

Chamber	103cm x 10cm
Controller	33cm x 16.5cm x 11.5cm
Inlet & Outlet	1 1/4" BSPM

FEATURES

Chamber Material	316LSS
Visual "Power-On"	YES
Visual Lamp Life Remaining	YES
Audible Lamp Failure	YES
Audible Lamp Replacement Reminder	YES
UV Intensity Monitor	YES
Cool Touch Fan	YES
Sensor Reading Output (4-20mA)	Optional

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VIQUA PRO24-186

FEATURES

- NSF55 Class A Certified (PRO10, 20, 30)
- USEPA UVDGM Validated (PRO 50)
- USEPA 2-Log Adenovirus validation (PRO24-100)
- USEPA 4-Log Adenovirus validation (PRO 24-186)
- CoolTouch Fan function to reduce water temperature
- Flow sensor monitor for real-time UV dose (PRO 10, 20, 30)
- LightWise technology allows controller to reduce lamp power during periods of no-flow to maintain water temperature below 40°C (PRO 10, 20, 30 only)
- Optional COMMcenter displays UV dose and can monitor up to 9 UV systems!
- Controller interface includes audible alarm, lamp/controller/fan/solenoid valve/sensor/flow-meter operation indicators, flow rate sensor set-point alarms

OPERATIONAL REQUIREMENTS

PRODUCT CODE

H10103000

FLOW RATES

Rated flow at dose 16 mJ/cm² @ 95% UVT

Fully 3rd party validated to USEPA protocol for 4-log Adenovirus reduction for flow rates up to 90 L/m with a UV dose of not less than 186mJ/cm² at 95% UVT

Rated flow at dose 30 mJ/cm² @ 95% UVT

Rated flow at dose 40 mJ/cm² @ 95% UVT

OPERATING PARAMETERS

Max Operating Pressure	860kPa
Ambient Air Temperature	0°C - 40°C
Influent Water Temperature	2°C - 40°C
Installation Orientation	Vertical

ELECTRICAL

Voltage	240V
Frequency	50-60Hz
Max. Current	
Power Consumption	460W

DIMENSIONS

Chamber	103cm x 45cm
Controller	33cm x 16.5cm x 11.5cm
Inlet & Outlet	1 1/4" BSPM

FEATURES

Chamber Material	316LSS
Visual "Power-On"	YES
Visual Lamp Life Remaining	YES
Audible Lamp Failure	YES
Audible Lamp Replacement Reminder	YES
UV Intensity Monitor	YES
Cool Touch Fan	YES
Sensor Reading Output (4-20mA)	Optional

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