



PURA™ Gen 5 Residential systems

A security system for your water

UV technology provides additional security for your water supply. It is proven to control microbiological (bacteria & virus) issues in water including *E.coli*, *Cryptosporidium*, and *Giardia Lamblia* without the use of chemicals.

Features:

- Five models available (Gen 5-3, 6, 10, 15 & 20)
- Color user interface with full diagnostics and warnings including QR codes
- “Future-proof” expandability port for future upgrades and options
- Designed & manufactured to ASME pressure vessel standards
- Axial flow, 316L stainless steel reactor, polished reactors with integral sensor port to allow for sensor upgradeability in the future (comes standard with visual glow plug)
- Flow rates stated at 95% UVT at a dose of 30mJ/cm²
- User friendly bayonet style lamp connector (Quick ¼ turn removal. No extra tools required.)
- Reliable, industry proven low pressure (LP) coated UV lamps with ceramic bases for durability and a 9000 hour life (1 year)
- Constant current electronic controller (one controller for all systems) in a splash-proof case
- Warranty (refer to Owner’s Manual for complete details including conditions & exclusions):
 - Reactor Chamber – Ten (10) Year Limited
 - Electronics – Three (3) Year Limited
 - UV Lamps – One (1) Year Limited
 - Quartz Sleeves – One (1) Year Limited



PURA GEN 5

Item #	Model
40030001	UV STERILIZER PURA GEN 5-3 (3 gpm)
40030002	UV STERILIZER PURA GEN 5-6 (6 gpm)
40030003	UV STERILIZER PURA GEN 5-10 (10 gpm)
40030004	UV STERILIZER PURA GEN 5-15 (15 gpm)
40030005	UV STERILIZER PURA GEN 5-20 (20 gpm)

Parameter	Level
Hardness	< 7 gpg (120 mg/L)
Iron (Fe)	< 0.3ppm (mg/L)
Manganese (Mn)	< 0.05ppm (mg/L)
Tannins	< 0.1ppm (mg/L)
Turbidity	< 1 NTU
Transmittance (UVT)	> 75%



GENESIS H2O EQUIPMENT SPECIFICATIONS

GENESIS-5, Residential UV systems

MODEL	GEN5-3	GEN5-6	GEN5-10	GEN5-15	GEN5-20
Flow Rate (@ 16 mJ/cm ² @ 95% UVT)	6 GPM 23 lpm 1.4 m ³ /hr.	11 GPM 41 lpm 2.5 m ³ /hr.	20 GPM ¹ 77 lpm ¹ 4.6 m ³ /hr. ¹	30 GPM ² 113.6 lpm ² 6.8 m ³ /hr. ²	39.2 GPM ² 150 lpm ² 8.9 m ³ /hr. ²
Flow Rate (@ 30 mJ/cm ² @ 95% UVT)	3 GPM 11.4 lpm 0.7 m ³ /hr.	6 GPM 22.7 lpm 1.4 m ³ /hr.	11 GPM 41 lpm 2.5 m ³ /hr.	15 GPM 56.8 lpm 3.4 m ³ /hr.	21 GPM 79 lpm 4.8 m ³ /hr.
Flow Rate (@ 40 mJ/cm ² @ 95% UVT)	2.4 GPM 9.1 lpm 0.5 m ³ /hr.	4.4 GPM 17 lpm 1.0 m ³ /hr.	8.3 GPM 31 lpm 1.9 m ³ /hr.	12 GPM 45.4 lpm 2.7 m ³ /hr.	16 GPM 59 lpm 3.6 m ³ /hr.
Port Size	3/4" MNPT	3/4" MNPT	3/4" MNPT	1" MNPT	1" MNPT
Electrical	90-265V/50-60Hz.				
Plug Type	North American, NEMA 5-15, 3-wire for all 110V				
Lamp Watts	15	22	39	50	42
Power (watts)	20	30	49	62	51
Replacement Lamp	RL-290	RL-470	RL-820	RL-999	RL-850
Replacement Sleeve	RQ-290	RQ-470	RQ-820	RQ-999	RQ-850
Reactor Dimensions	2.5 x 14.3" (6.4 x 36.4 cm)	2.5 x 21.3" (6.4 x 54.2 cm)	2.5 x 35.2" (6.4 x 89.5 cm)	2.5 x 40.0" (6.4 x 101.6 cm)	3.5 x 36.1" (8.9 x 91.7 cm)
Chamber Material	Polished 304 Stainless Steel, A249 Pressure Rated Tubing				
Controller Dimensions	6.8 x 3.6 x 3" (171.5 x 92.1 x 76.2 mm)				
Operating Pressure	0.7-10.3 bar (10-150 psi)				
Operating Water Temperature	2-40° C (36-104° F)				
UV Monitor Port (upgradeability)	No	Yes			
Solenoid Output	Yes, but requires optional solenoid module				
4-20 mA Output	Yes, but requires optional 4-20 mA module				
Lamp Change Reminder (audible & visual)	Yes				
Lamp-Out Indicator (audible & visual)	Yes				
Shipping Weight	3.3 kg. (7.3 lbs.) 3 kg. (7 lbs.) cubed	4.2 kg. (9.3 lbs.) 5 kg. (9 lbs.) cubed	6.8 kg. (15.0 lbs.) 7 kg. (15 lbs.) cubed	8.0 kg. (17.6 lbs.) 8 kg. (17 lbs.) cubed	7.5 kg. (16.5 lbs.) 10 kg. (22 lbs.) cubed
Note: 1.	based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to 13.6 gpm (50 lpm) (3.1 m ³ /hr.) for 3/4" port.				
Note: 2.	based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to 22.1 gpm (84 lpm) (5.0 m ³ /hr.) for 1" port.				

Sample Screens



NSF Certified Models Available. Contact Customer Service For Details.

* See price list for specific item numbers

Manufacturer's Warranty

Reactors - Ten (10) Year Limited
Electronics - Three (3) Year Ltd.
UV Lamps - One (1) Year Limited
Quartz Sleeves - One (1) Year Ltd.

Options



UV Sensor Module
Allows the 254nm UV wavelength to be measured and displayed via the GEN-H5 controller. The sensor plugs directly into the controller and is mounted in the sensor port located on all GenH6 units.



Solenoid Module
Used to power a remote normally closed solenoid valve (not included). Solenoid valve will close on lamp failure or when low UV conditions are detected by the sensor. Available in 110V MODSOL1 (Item # 40040006)

REPLACEMENT PARTS

System	Lamps	Sleeves	Controller
Pura Gen 5-3	RL-290 #40040013	RQ-290 #40040040	RC-B56.01 #40040066
Pura Gen 5-6	RL-470 #40040014	RQ-470 #40040043	RC-B56.01 #40040066
Pura Gen 5-10	RL-820 #40040015	RQ-820 #40040045	RC-B56.01 #40040066
Pura Gen 5-15	RL-999 #40040017	RQ-999 #40040048	RC-B56.01 #40040066
Pura Gen 5-20	RL-850 #40040016	RQ-850 #40040046	RC-B56.01 #40040066



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