

UV DISINFECTION. WATER TREATMENT. A COMPLETE SYSTEM.



The RainFlo complete UV disinfection systems use sediment filtration and UV disinfection to clean and disinfect rainwater, for indoor non-potable and potable* plumbing and irrigation applications. Disinfected rainwater can be used for applications such as flushing toilets and urinals, clothes/dish washing, industrial process water, irrigation/greenhouse, drinking water, or nearly any application where municipal or well water is used.

Features:

- 10, 15, or 25 gallon per minute flow rate
- Pre-installed filter cartridges: 20 and 5 micron pleated sediment filters, 1 micron activated carbon block filter on triple filtration systems only
- Blue or clear filter housings with water flow direction from left to right (L-R) or right to left (R-L)
- Heavy-duty powder coated aluminum panel
- Pressure gauges & connection system included

ORDERING INFORMATION

Model	GPM	Filtration	Filter Housing Color	Water Flow Direction	Replacement Filter Part Numbers
37541	10	double	blue	L-R	400756 - 20 micron pleated filter 400732 - 5 micron pleated filter
37534				R-L	
37565			clear	L-R	
37558				R-L	
36506	10	triple	blue	L-R	400756 - 20 micron pleated filter 400732 - 5 micron pleated filter 400718 - 1 micron carbon block filter 7564732 - triple filter bundle
37404				R-L	
37411			clear	L-R	
37428				R-L	
36520	15	double	blue	L-R	400756 - 20 micron pleated filter 400732 - 5 micron pleated filter
37503				R-L	
37510			clear	L-R	
37527				R-L	
36513	15	triple	blue	L-R	400756 - 20 micron pleated filter 400732 - 5 micron pleated filter 400718 - 1 micron carbon block filter 7564732 - triple filter bundle
37435				R-L	
37442			clear	L-R	
37459				R-L	
37589	25	double	blue	L-R	400756 - 20 micron pleated filter 400732 - 5 micron pleated filter
37572				R-L	
37602			clear	L-R	
37596				R-L	
36544	25	triple	blue	L-R	400756 - 20 micron pleated filter 400732 - 5 micron pleated filter 400718 - 1 micron carbon block filter 7564732 - triple filter bundle
37466				R-L	
37473			clear	L-R	
37480				R-L	

* The ability of RainFlo UV disinfection panels to create potable quality water is dependent on incoming water quality. Refer to the RainFlo UV system product manual for incoming water quality requirements. RainHarvest Systems is not responsible for incoming water quality. Please check with your local authority for applicable codes and guidelines as the ability to use rainwater for potable applications varies by jurisdiction. The suitability of the water quality produced by the RainFlo UV disinfection panels for its intended use must be verified by the system owner through regular testing.

SPECIFICATIONS



Model No.	37541/37534 37565/37558	36506/37404 37411/37428	36520/37503 37510/37527	36513/37435 37442/37459	37589/37572 37602/37596	36544/37466 37473/37480
Filtration	Double	Triple	Double	Triple	Double	Triple
Flow Rate (30 mJ/cm ² @ 95% UVT)	10 GPM		15 GPM		25 GPM	
Flow Rate (40 mJ/cm ² @ 95% UVT)	7 GPM		11 GPM		19 GPM	
Inlet/Outlet	1" / 3/4"		1" / 1"		1" / 1"	
UV Chamber	RF4-10C		RF4-15C		RF4-25C	
Lamp Watts	34		45		67	
Power Consumption Watts	38		57		73	
Replacement Lamp	RF-L330C		RF-L420C		RF-L600C	
Replacement Sleeve	RF-Q330C		RF-Q420		RF-Q600	
Dimensions	30"H x 36"W x 9"D or 30"H x 24"W x 9"D (10 and 15 GPM, double filtration only)					

FILTRATION

The double and triple filter housings come complete with a 20 micron pleated sediment filter and a 5 micron pleated sediment filter. These pleated cellulose cartridges are manufactured from a durable, non-woven polyester material. The triple filter housing comes with an additional 1 micron carbon block filter cartridge to reduce chlorine and water odor and improve taste. Filter cartridges should be replaced when the integrated pressure gauges indicate a decrease in water flow of 7 PSID.

DISINFECTION

RainFlo ultraviolet disinfection systems disinfect water without using chemicals. UV technology is proven to inactivate chlorine-resistant parasites such as Cryptosporidium and Giardia, harmful bacteria like E.Coli and viruses not visible to the naked eye. The system has an electronic controller which comes equipped with an LED screen for visual management of the system's performance and ease of troubleshooting.



INSTALLATION

Simply mount the unit to the wall and plumb in your water supply line. Complete connection system includes flexible stainless steel hoses with shutoff valves. The standard system is set up to have a water flow direction from left to right (L-R). If your installation requires the opposite direction, the right to left (R-L) option is available.

