

PUMPING. FILTRATION. CONTROL. UVS COMPLETE SYSTEM.

The RainFlo UVS systems are ideal where an easy-to-install, cost effective, reliable, complete system is desired for reclaimed water applications. Building on the field tested RainFlo products, each system includes a pump, VFD, sediment filtration, UV disinfection, and system controls to deliver disinfected water at a constant pressure and variable flow rate for use in irrigation, flushing toilets, cooling towers and other uses.

RainFlo UVS systems are the best in their class and offer 25 GPM, 40 GPM, or 60 GPM to meet your specific needs. All systems are designed to fit through a standard 30" door making them perfect for use in existing buildings and new construction alike.

Key Applications:

- Irrigation
- Greenhouse systems
- Toilet flushing
- Cooling tower make up
- Laundry processes
- Industrial process water
- Other non-potable plumbing applications



ORDERING INFORMATION

| Model | Description |
|--------------------|---|
| RF-UVS25-FI | 25 GPM water reclamation system with flow inducer |
| RF-UVS25-P | 25 GPM water reclamation system with pump |
| RF-UVS40-FI | 40 GPM water reclamation system with flow inducer |
| RF-UVS40-P | 40 GPM water reclamation system with pump |
| RF-UVS60-FI | 60 GPM water reclamation system with flow inducer |
| RF-UVS60-P | 60 GPM water reclamation system with pump |

Note: Models with pumps are for use with above ground tanks. Models with flow inducers are for use with underground tanks.

SPECIFICATIONS



| System Model | RF-UVS25-FI/P | RF-UVS40-FI/P | RF-UVS60-FI/P |
|------------------------------|--|--|--|
| Weight/Dimensions | ~260 lbs. (118 kg)/ 60" H x 26.5" W X 45" D | | |
| Frame | Aluminum, powder coated - fork lift skid | | |
| Input Power | 240V @ 20A and 120V, single phase @ 4A | | |
| Inlet/Outlet | 1.5" FNPT | | |
| Bladder Tank Capacity | 13.5 gal | | |
| GPM | 25 | 40 | 60 |
| Pump | 3 HP/3 PH flow inducer under-ground OR 3 HP/3 PH CMF pump above ground flooded suction | 4 HP/3 PH flow inducer under-ground OR 4 HP/3 PH CMF pump above ground flooded suction | 4 HP/3 PH flow inducer under-ground OR 4 HP/3 PH CMF pump above ground flooded suction |
| Constant Pressure Controller | Variable frequency drive (VFD) increases or reduces pump speed based on demand | | |
| Level Sensor | Automatically detect and visibly display water level | | |
| Filters | 37107 - 20 µm cartridge 37084 - 5 µm cartridge | PWWJCP05 - 5 µm cartridge, PWWJCP20 - 20 µm cartridge PWWJCP50 - 50 µm cartridge | |
| | Auto Clean Filter (ACF) option is available | | |
| UV Chamber | RF6-25C | RF6-40C | RF6-85C |
| UV Power Supply | NEMA 4X; 120V AC | | |
| UV Monitor | Digital power meter with sensor | | |
| Audible/Visual Alarms | Red light and/or audible alarm on control panel | | |
| Lamp Life | Up to 10,000 hours of continuous operation | | |
| Replacement Lamp | RF-L600C | RF-L950C | RL-1000A |
| Replacement Sleeve | RF-Q600 | RF-Q950 | RQ-1000 |



RAINWATER SYSTEM CONTROLLER

The on-board controller detects the water level in your tank and automatically switches to an auxiliary water supply at user defined set points. When your tank fills again, the UVS system will automatically switch back over to harvested water without the need for human intervention.



AUTO CLEAN FILTER

RainFlo UVS systems are available with an auto clean filter option. The filter automatically flushes for 10-15 seconds when there is a 7 PSI pressure differential. The system continues to filter during the cleaning process.