

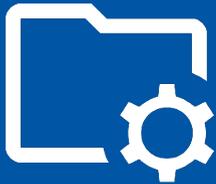
# Complete Ozone, UV, and Filtration Water Treatment Systems



RainHarvest Systems  
Reliable & Treatment  
Progressive Pump & Treatment  
Quality Performance  
Robust Field-proven  
Efficient Performance  
RainFlo  
Durable  
Designed  
Engineered  
Industrial  
Purpose-built  
Affordable  
On-time  
Industrial  
Progressive Pump & Treatment  
Durable  
Affordable  
Fast  
Time-saving  
Optimized  
Quality  
Commercial  
Trustworthy  
Efficient  
Streamlined  
Excellence  
Robust  
Performance  
Field-proven  
Durable  
Turnkey  
Engineered  
Designed  
RainFlo  
Reliable  
Time-saving  
Purpose-built  
Industrial  
Progressive Pump & Treatment  
On-time  
Affordable

## Commercial Off-the-Shelf Systems

# Why Choose Our Commercial-off-the-Shelf (COTS) Systems?



## **Turnkey Engineering**

A fully coordinated package with all specifications, dimensions, drawings, and submittals readily available for seamless integration into any project.



## **COTS, Without Compromise**

Proven performance and complete functionality — without the delays, cost, or complexity of custom development.



## **Fast Delivery**

Standardized designs ensure quick availability without delays.

**Engineered like custom, delivered like COTS –  
fast, reliable, complete, and cost-effective.**

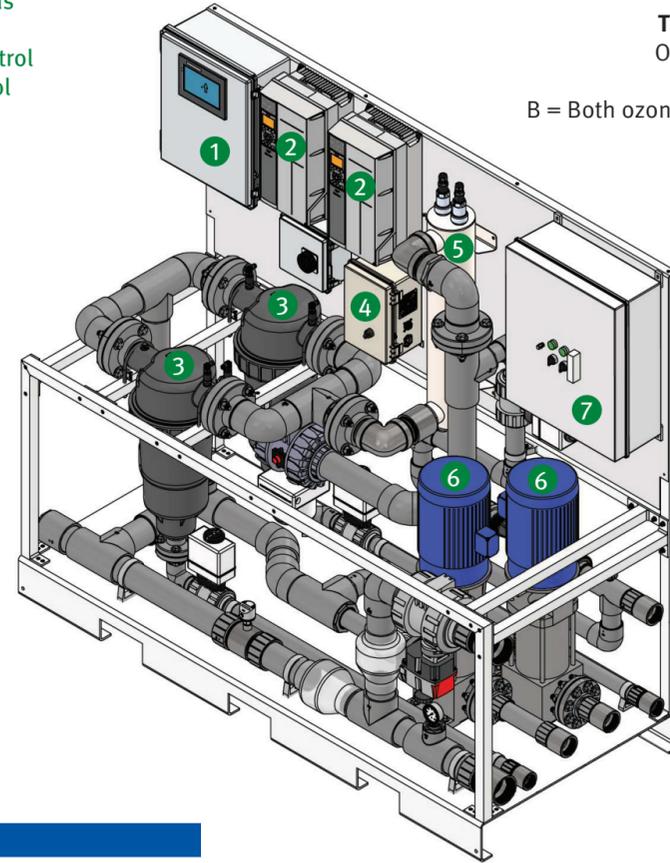


**PPT SYSTEMS** Progressive Pump & Treatment complete COTS systems integrate pumping, filtration, treatment, and controls into a powder-coated frame. Backed by full drawings and documentation, they are built for performance and fast delivery without compromising quality.

- Dimensions: 72" H x 81" W X 35" D
- Aluminum, powder coated frame
- 230V or 480V input power
- 85 GPM or 110 GPM
- RainFlo RSC Max system controller: HMI 7"/800x480
- Auto Clean Filter (ACF)
- UV monitoring
- UV lamp life up to 10,000 hours of continuous operation
- Level sensor automatically detects and visibly displays water level
- Pump pressure
- Supplemental feed valve control
- ORP monitoring option
- ACF flush valve control
- ACF flush valve status
- Flow total

- Filter differential pressure monitoring
- Water supply valve status
- ORP monitoring option
- Pre filter rinse valve control
- Second tank level control
- Tank drain valve control
- Ozone power
- Recirculation function
- Multi-filter control

- 1 System controller
- 2 Pressure controllers
- 3 Auto clean filters
- 4 UV system controller
- 5 UV reactor
- 6 Onboard pumps
- 7 Ozone

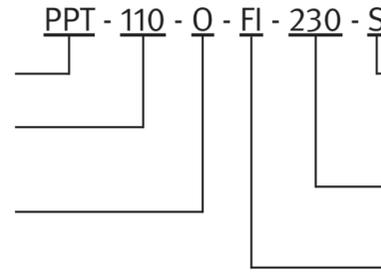


### BUILD YOUR PPT SYSTEM

#### Progressive Pump & Treatment

**Series**  
85 = 85 GPM 110 = 110 GPM

**Treatment**  
O = Ozone  
UV = UV  
B = Both ozone and UV



**Pump Type**  
S = Simplex (85 GPM model only)  
D = Duplex

**Voltage** (3-phase standard)  
230 = 230V 480 = 480V

**Pump**  
FI = Flow inducer  
P = Onboard pump



**UVS SYSTEMS** RainFlo standard, compact systems deliver essential functionality with high performance – available in three sizes for fast delivery and exceptional value.

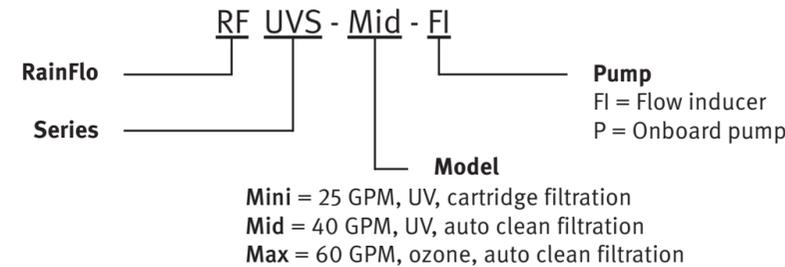
#### Mini, Mid, and Max:

- Tank level sensor
- Supplemental feed valve control
- Pre filter rinse valve control
- Tank drain valve control
- Water supply valve status
- 3-way valve control
- Energy saving UV flowmeter (UVS-Mini/Mid only)

#### Mid and Max only:

- Pump pressure
- Second tank level control
- Filter differential pressure monitoring
- ACF flush valve control
- ACF flush valve status
- Ozone (UVS-Max only)

### UVS SYSTEM PART NUMBERS



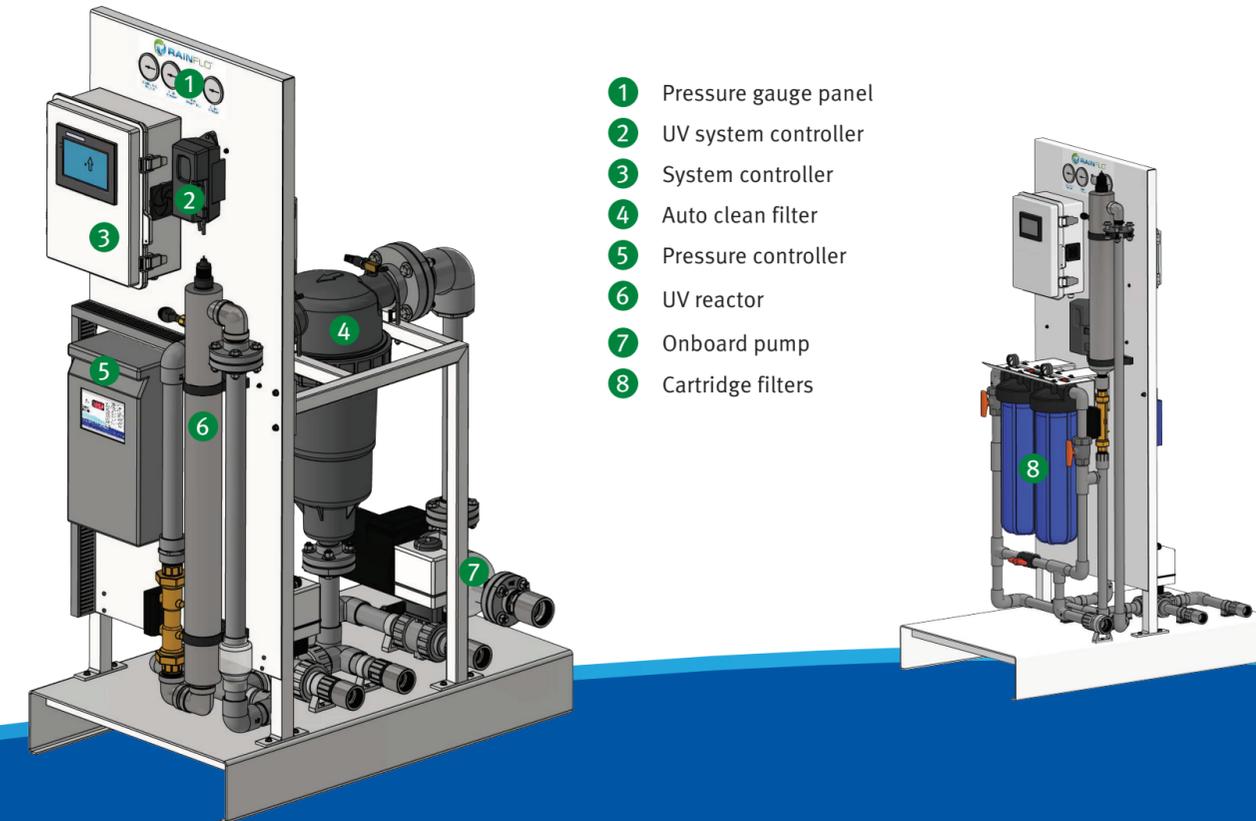
### UVS SYSTEM KEY FEATURES

	RF UVS-Mini-FI/P	RF UVS-Mid-FI/P	RF UVS-Max-FI/P
Frame	Aluminum, powder-coated - 72" H x 26.5" W X 45" D		
Input power (Onboard pump)	230VAC single phase 40A, 120VAC @ 10A	230VAC single phase 40A, 120VAC @ 10A	230VAC single phase 30A, 120VAC @ 10A
Input power (FI)	230VAC single phase 20A, 120VAC @ 10A	230VAC single phase 30A, 120VAC @ 10A	230VAC single phase 50A, 120VAC @ 10A
Inlet (Onboard pump)	1" FNPT	1.5" FNPT	2" FNPT
System inlet/Pump outlet (FI)	1.5" FNPT/1.5" FNPT	2" FNPT/2" FNPT	2" FNPT/2" FNPT
Bladder tank capacity	9.5 gal	13.2 gal	13.2 gal
GPM	25	40	60
Constant pressure controller	Variable frequency drive (VFD) increases or reduces pump speed based on demand		
Filters	37107 - 20 µm cartridge 37084 - 5 µm cartridge	Auto Clean Filter (ACF) - 10 µm	Auto Clean Filter (ACF) - 10 µm
UV controller	Digital power meter with UV intensity sensor		-
UV lamp life	Up to 10,000 hours of continuous operation		-
System controller	RSC Mini - 4" HMI	RSC Mid - 7" HMI	RSC Mid - 7" HMI

### PPT OPTIONAL UPGRADES

Part Number	Description
Pressure Tank Assembly	79 gallon pressure tank, base, connections, and flex connector
ORP Upgrade	Measures ozone effectiveness in the water treated by the system
Chemical/Dye Injection System	Add chemicals or dyes for treatment or monitor its performance
OZ 20K Upgrade	Ozone generator produces up to 20 grams of ozone per hour
OZ 30K Upgrade	Ozone generator produces up to 30 grams of ozone per hour
UL Panel Upgrade	PLC system controller with UL
Single Phase Upgrade	230VAC single phase

\*\*System upgrades are available for an additional cost



**CUSTOM SYSTEMS** Our COTS systems are engineered to deliver fast, reliable, and cost-effective solutions for the vast majority of applications. However, we understand that every project has its unique challenges. When your requirements go beyond what standard solutions can offer, our dedicated engineering team is ready to collaborate with you to develop custom systems precisely tailored to your specific needs.

Whether you choose a proven COTS product or a fully customized solution, our commitment remains the same: delivering quality, performance, and peace of mind — on time and within budget.



## CONTACT US

At RainHarvest Systems, we proudly manufacture RainFlo and Progressive Pump & Treatment products, trusted brands in the water reclamation and reuse industry. We offer a complete line of storage, pumps, filtration, treatment, and controls. Contact one of our experts at 800-654-9283 for assistance.

**Residential applications:** [sales@rainharvest.com](mailto:sales@rainharvest.com)

**Commercial applications:** [commercialsales@rainharvest.com](mailto:commercialsales@rainharvest.com)