

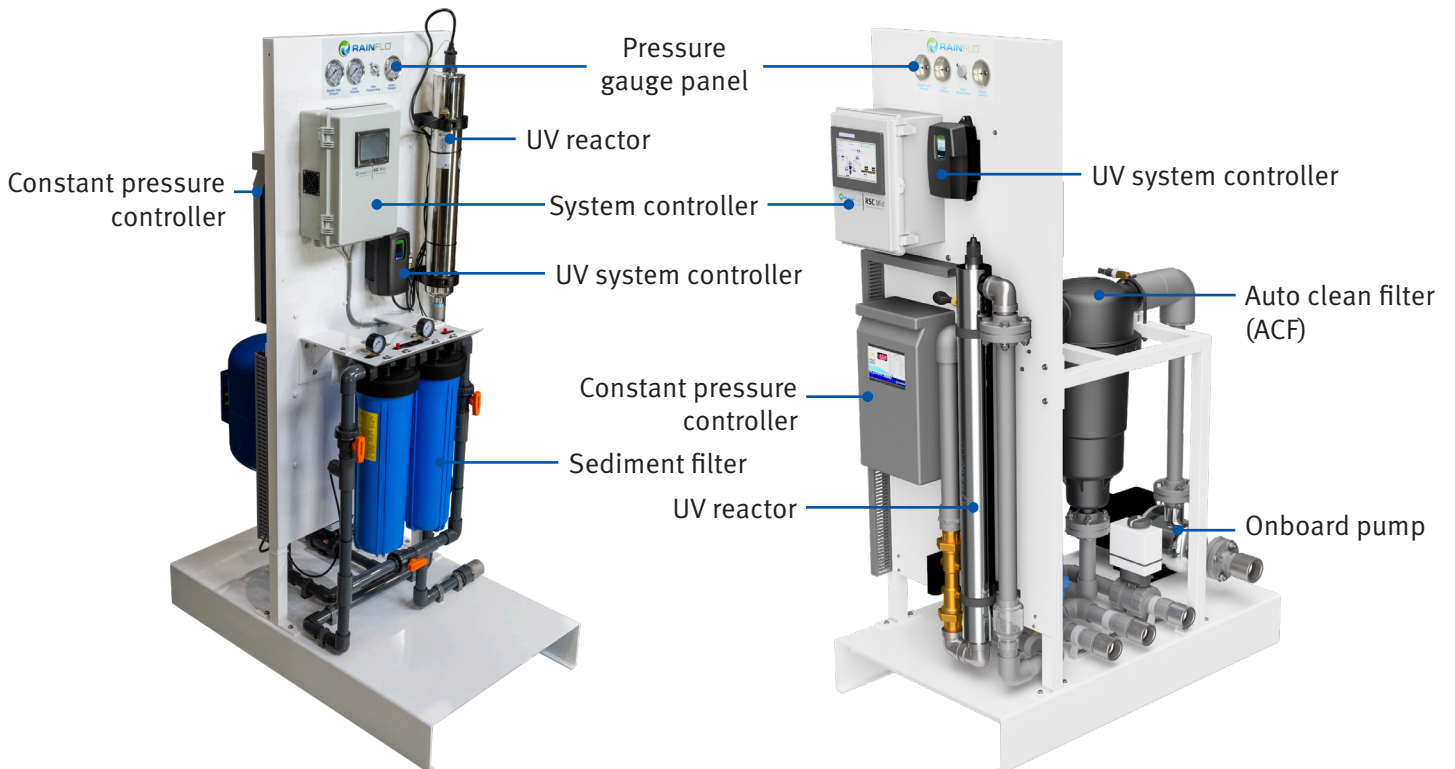
# COMMERCIAL OFF-THE-SHELF SYSTEMS

**PUMPING. FILTRATION.  
TREATMENT. CONTROL.**

RainHarvest Systems' RainFlo UVS COTS water reuse systems are preconfigured for quick design integration with complete product documentation and fast delivery all at an exceptional value. These user-centered solutions are built with a smaller footprint and focus on the most essential functions in a streamlined design. The cost effective UVS systems are easy to design in, easy to install, and easy to use.



## UVS COMPONENTS



## ORDERING INFORMATION

Model	Description
<b>RF UVS-Mini-FI</b>	25 GPM, UV, single tank system, 4" HMI, cartridge filtration, flow inducer
<b>RF UVS-Mini-P</b>	25 GPM, UV, single tank system, 4" HMI, cartridge filtration, onboard pump
<b>RF UVS-Mid-FI</b>	40 GPM, UV, single or dual tank system, 7" HMI, auto clean filtration, flow inducer
<b>RF UVS-Mid-P</b>	40 GPM, UV, single or dual tank system, 7" HMI, auto clean filtration, onboard pump
<b>RF UVS-Max-FI</b>	60 GPM, ozone, single or dual tank system, 7" HMI, auto clean filtration, flow inducer
<b>RF UVS-Max-P</b>	60 GPM, ozone, single or dual tank system, 7" HMI, auto clean filtration, onboard pump

## KEY FEATURES & FUNCTIONS

System Model	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 three 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"/480x272	RSC Mid - 7"/800x480	RSC Mid - 7"/800x480
Tank level sensor	•	•	•
Energy saving UV flowmeter	•	•	•
Supplemental feed valve control	•	•	•
Pre filter rinse valve control	•	•	•
Tank drain valve control	•	•	•
Incoming water supply valve status	•	•	•
3-way valve control	•	•	•
Pump pressure		•	•
Second tank level control		•	•
Filter differential pressure monitoring		•	•
ACF flush valve control		•	•
ACF flush valve status		•	•