

Ultra Filtration (UF) Series Package Water Plants



Manufactured by IWT at the Rocky Ford, Colorado manufacturing plant

Innovative Water Technologies, Inc. (IWT) provides a full line of Ultra-Filtration (UF) package water treatment plants. These plants are ideal for locations that need water treatment from 5,000 gallons per day to 100,000+ gallons per day. With their small footprint, high-production volume and low-maintenance requirements, these units are ideal for in-line treatment of water. The IWT UF Series is designed for surface water, groundwater under the influence of surface water (GWUDI), groundwater and captured rainwater sources. Choose from one of our standard models or entirely customize the UF system to fit your specific needs.

The UF treatment plants utilize the time-tested membrane filtration capabilities provided by the GE Hoespring UF211 membrane ultra filter. Our plants are custom-built from aluminum diamond plate and all aluminum frame. Plant construction materials include aluminum, stainless steel, plastic and brass however, your system engineer can specify alternative materials for construction if necessary.

We will work with you to design a system that meets your specifications. We'll review the desired configuration; location of the influent, effluent and drain lines; and any special options such as strainers, pre-filters, pumps, tanks, disinfection, etc. System owners and engineers specify the desired footprint of your plant, as determined by the room where it will be placed. Configurations for spaces include rectangle, square, L-shape, and others.

Together we'll design a custom-built water plant that meets your needs and fits within your space.

Base unit & pricing include:

- Aluminum skid
- GE Homespring UF211 membrane
- Ultra filter, gauges and valving
- Header pipes
- Test ports
- Sample ports
- Contact tanks
- Bladder tanks
- 25 micron pre-filter
- Control box mounted in a watertight enclosure
- Maintenance test kit with integrity tester
- Drawing of the system (Examples similar to those included in this brochure.)

Optional equipment:

- Online turbidimeter, ntu meter
- Online chlorine analyzer, free or total chlorine residuals
- Chart recorder for recording regulatory data
- Chlorination systems, pre or post chlorination
- Tanks controls, pump up or pump down controllers
- Panel mounted gauge assembly
- Flow meters
- Raw water strainers
- Contact tanks for chlorination or iron removal
- Bladder tanks
- Pressure switches
- Solar arrays, solar power your water treatment plant
- Auto dialers to alert O&M staff of problems
- Piping; copper, sch 80 pvc, sch 40 pvc, pex, etc.
- Controllers, custom controllers designed by your engineer
- Tell us what you require and we will work to build it as part of your system

Installation assistance:

IWT has a staff of trained professionals ready to assist with your UF Package Water Plant installation and training. We also offer training at the IWT facility in Colorado, which is free of charge for operations and maintenance personnel.

Additional information:

- 5000 gallons per day units are ganged together with common headers for higher flows
- The log removal credits from Colorado are 4 log Giardia, 4 log Cryptosporidium And 3.5 log virus
- The membrane filters that we utilize on our skid plants are the GE Homespring UF211; they are NSF, Bio-Vir and WQA
- Standard manufacturers warranties on all equipment and 5 years on aluminum skid and IWT workmanship
- All parts of the IWT UF package plants are NSF approved for use with drinking water

Contact Information:

For pricing, specialty systems or other inquiries about the IWT UF Ultra-Filtration (UF) Series Package Water Plants please contact us at:

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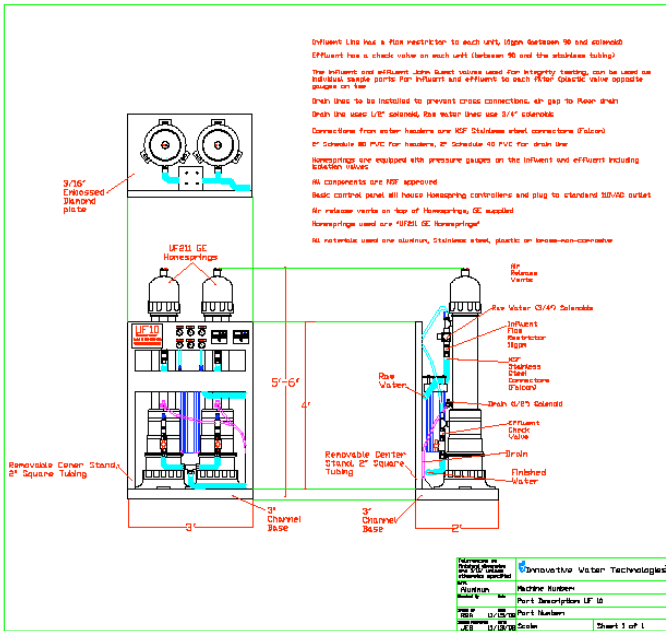
Web site:
www.innovativeh2o.com

Manufacturing of UF Series Package Water Plants in Rocky Ford, CO

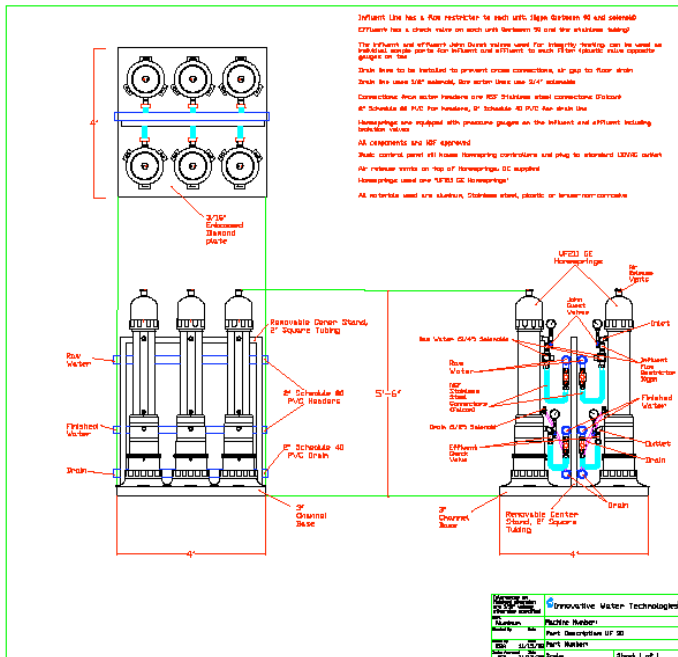


Example drawings of custom plants:

UF10, Ultra filtration 10,000 gallons per day (2' by 3' skid)



UF30, Ultra Filtration 30,000 gallons per day (square 4' by 4')



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