



# Upflow Filter Manual

Installation / Operation Manual

Fully Automatic  
Water Filter  
with 2092 Isobar Control Valve

## Sealants

Pipe dope and liquid thread sealers may contain a carrier that attacks some plastic materials. It is recommended that Teflon® tape be used to seal plastic Noryl® threaded fittings.

General Specifications	U9LFM	U10LFM	U12LFM	U13LFM
Filter Media Type <sup>1</sup>	Less Filter Media			
Filter Media Capacity (cu ft)	1.0	1.5	2.0	2.5
Mineral Tank Size	9 x 48	10 x 54	12 x 52	13 x 54
Service Flow Rate - Continuous (gpm)	4	5	6	8
Service Flow Rate - Intermittent (gpm)	6	7	8	10
Space Required (D x W x H)	9 x 9 x 52	10 x 10 x 58	12 x 12 x 56	13 x 13 x 58
Approximate Shipping Weight (lbs)	20	25	30	35

ie. Dome hole option: U10LFMD

## Filter Media Selection Guide

Media	Description	Handles
Neutralizer	Granular / White / Sacrificial to water with pH < 7.0 / Max pH correction to 7.2 / Lowest pH application 5.8 / Must be replenished about every 3-6 months	pH Correction
Corosex™	Semi-round / Off-White / Magnesium Oxide / Extremely reactive to pH dissolving rapidly adding alkalinity / 30% Corosex™ - 70% Neutralizer is best blend for correcting low pH / Will raise pH from lows around 5.0 to as high as 9.0+ / Must be replenished frequently / Consult factory with specific application questions	pH Correction
Neu-Cor™	70% Neutralizer / 30% Corosex™ mix / Sacrificial to water with any pH / Max pH correction determined by contact time used for correction of extremely low pH down to 5.0 / Must be replenished every 3-6 months	pH Correction
Granular Activated Carbon	Granular / Black / Wide application for removal of organics, some inorganics and Chlorine / Must be replaced on a regular basis / Life expectancy varies based on use	Taste / Odor / Color Chlorine / Iodine Removal

**Register Your Product**

Online at  
[www.watersoftinc.com](http://www.watersoftinc.com)



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### Installation Instructions

1. **Unpacking** : Check product label located on outside of tank carton against cartons received. The large carton contains the filter tank. Filling material is packaged separately.
2. **Location** : For complete customer satisfaction, all water in the home should be filtered with the exception of the outside faucets. Select a location near the water service inlet. Be certain that all sides of the filter are easily accessible for service and maintenance. On a private water system, locate filter after the pressure tank but prior to the hot water tank.
3. **Mineral** : The filling material is shipped separately from the tank. The tank must be loaded with mineral after the tank has been placed at the desired location. Remove the manifold by unscrewing from center hole. Plug top of distributor tube to prevent mineral from entering tube while filling. Place funnel in hole. Pour several gallons of water in the tank. Pour in the filling material. No gravel is required. The required quantity of each type of filter material is shown under specifications. When filled, the tank should be approximately two-thirds full. Fill tank with water by using a garden hose or several buckets of fresh water. This will permit the filter material to become soaked while preparing the installation. Remove funnel and plug from distributor tube. Replace the manifold, being careful to position the distributor tube into the distributor tube pilot.

**Note:** No gravel is required with a Vortech style tank. (Vortech tanks are marked with a Vortech sticker.)

4. **Water Supply Connections** : Inlet and outlet connections are 1" pipe size. Turn off the main water supply and connect pipes, valves and fittings.

**Caution:** Raised arrows located on the sides of control valve body and bypass valve indicate proper direction of water flow. Install inlet and outlet piping in direction of arrows. It is recommended that a vacuum breaker be installed on the inlet plumbing.

**NOTE:** If using neutralizer or Neu-Cor media for pH correction, filter material will need to be added to the media tank approximately every six (6) months to one (1) year. If using carbon material, media will need to be replaced every periodically, depending on the application.

# Warranty

This Warranty cannot be transferred – it is extended only to the original Purchaser or First User of the Product. By accepting and keeping this Product you agree to all of the warranty terms and limitations of liability described below.

## **IMPORTANT WARNING – READ CAREFULLY THE WATER SOFT WATER TREATMENT EQUIPMENT INSTALLATION, OPERATING AND MAINTENANCE INSTRUCTIONS MANUAL**

to avoid serious personal injury and property HAZARDS and to ensure safe use and proper care of this product.

## **MODEL NUMBERS COVERED**

Water Softeners, Media Filters, UpFlow Filters, Provectrs, UV, RO, Filters, Chemical Feed

## **WHAT IS COVERED BY THIS WARRANTY**

WATERSOFT LLC (“WATER SOFT”) warrants that at the time of manufacture, the water treatment equipment shall be free from defects in material and workmanship as follows:

Thermoplastic Mineral Tanks .....	10 yrs.
Softener/Filter Control Valves .....	7 yrs.
Brine Tank Assemblies.....	5 yrs.
Reverse Osmosis System.....	5 yrs.
Other Accessories & Parts.....	1 yr

\* This warranty does not include media and/or cartridge filter elements.

## **ADDITIONAL TERMS & CONDITIONS**

### **What WATERSOFT Will Do If You Have a Covered Warranty Claim**

WATERSOFT will at its option either make repairs to correct any defect in material or workmanship or supply and ship either new or used replacement parts or products. WATERSOFT will not accept any claims for labor or other costs.

### **Additional Exclusions and Limitations**

This Warranty is non-transferable and does not cover any failure or problem unless it was caused solely by a defect in material or workmanship. In addition, this Warranty shall not apply:

- If the water treatment equipment is not correctly installed, operated, repaired and maintained as described in the INSTALLATION, OPERATING & MAINTENANCE INSTRUCTION Manual provided with the Product;
- If the tank is not the size indicated for the supply line size of the installation, as described in the Manual.
- If the unit has not always been operated within the factory calibrated temperature limits, and at a water pressure not exceeding 150 psi.
- To any failure or malfunction resulting from abuse (including freezing), improper or negligent: handling, shipping (by anyone other than WATER SOFT), storage, use, operation, accident; or alteration, lightning, flooding or other environmental conditions;
- To any failure or malfunction resulting from failure to keep the unit

full of potable water, free to circulate at all times; and with the tank free of damaging water sediment or scale deposits;

- This Warranty does not cover labor costs, shipping charges, service charges, delivery expenses, property damage, administrative fees or any costs incurred by the purchaser in removing or reinstalling the water treatment equipment.
- The Warranty does not cover any claims submitted to WATERSOFT more than 30 days after expiration of the applicable warranty time period described in this Warranty, and does not apply unless prompt notice of any claim is given to an authorized WATERSOFT distributor or to WATERSOFT and WATERSOFT or a designated contractor is provided access to the installation and to the water treatment equipment.

THESE WARRANTIES ARE GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. NO WATERSOFT REPRESENTATIVE OR ANY OTHER PARTY IS AUTHORIZED TO MAKE ANY WARRANTY OTHER THAN THOSE EXPRESSLY CONTAINED IN THIS WARRANTY AGREEMENT.

## **ADDITIONAL WARRANTY LIMITATIONS**

ANY IMPLIED WARRANTIES THE PURCHASER MAY HAVE, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL NOT EXTEND BEYOND THE APPLICABLE TIME PERIODS SPECIFIED ABOVE. Some states do not allow limitations on how long an implied Warranty lasts, so the above limitation may not apply to you.

## **LIMITATIONS OF REMEDIES**

THE REMEDIES CONTAINED IN THIS WARRANTY ARE THE PURCHASER’S EXCLUSIVE REMEDIES. IN NO CIRCUMSTANCES WILL WATERSOFT OR THE SELLER OF THE PRODUCT BE LIABLE FOR MORE THAN, AND PURCHASER-USER’S REMEDIES SHALL NOT EXCEED, THE PRICE PAID FOR THE PRODUCT. IN NO CASE SHALL WATERSOFT OR SELLER BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONTINGENT OR CONSEQUENTIAL DAMAGES. Special, incidental, contingent and consequential damages for which WATERSOFT is not liable include, but are not limited to, inconvenience, loss or damage to property, consequential mold damage, loss of profits, loss of savings or revenue, loss of use of the products or any associated equipment, facilities, buildings or services, downtime, and the claims of third parties including customers. Some states do not allow the exclusion or the limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

## **WHAT TO DO IF YOU HAVE A PROBLEM COVERED BY THIS WARRANTY**

Any Warranty coverage must be authorized by WATERSOFT. Contact the person from whom you purchased the Product, who must receive authorization from an WATERSOFT distributor or WATERSOFT. If you do not receive a prompt response, call WATERSOFT directly at 800-462-3790. Notice of a Warranty claim relating to replacement parts or products should be submitted by the authorized distributor to WATER SOFT at the following address:

### **WaterSoft, 710 Orange Street, Ashland, OH 44805**

If your Product is new and not used and you wish to return it, contact your WATERSOFT distributor.

