

Econoflo

Upflow Neutralizer



Performance

Model Description	Media Cu Ft	Flow Rates USGPM		Installation Space Inches - W x D x H	Fiberglass Tank Size - Inches	Shipping Weight - Lbs
		Service	Peak			
UNF10	1.0	3	5	11 x 11 x 50	10 x 47	100
UNF20	2.0	6	10	13 x 13 x 55	12 x 52	200

Peak flow rates intended for intermittent use only (10 minutes or less) and are for residential applications only. Do not use peak flow rates for commercial applications.

- At the stated service flow rates, the pressure drop through these devices will not exceed 15 psig.
- The manufacturer reserves the right to make product improvements which may deviate from the specifications and descriptions stated herein, without obligation to change previously manufactured products or to note the change.

Maximum Water Temperature = 110°F (43°C)
 Maximum Operating Pressure = 100 PSIG (689 kPa)
 Pipe Size = 3/4"

Econoflo UNF Neutralizing Filter

Econoflo UNF contains special media which raises the pH of acidic water and neutralizes its acidic characteristics. In addition to protecting pipes, plumbing fixtures and appliances, this filter also facilitates the removal of iron and manganese by raising the pH to enable an iron filter to be used. After a period of time, additional media may be required.

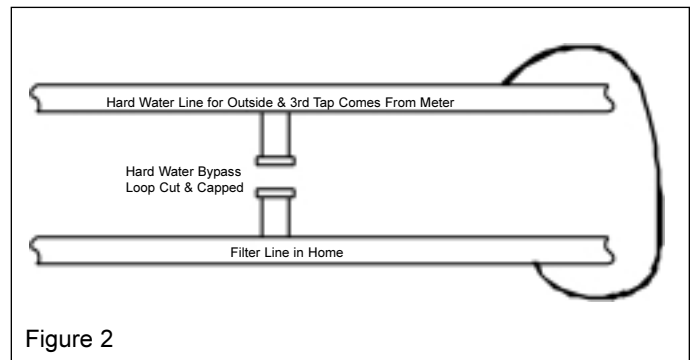
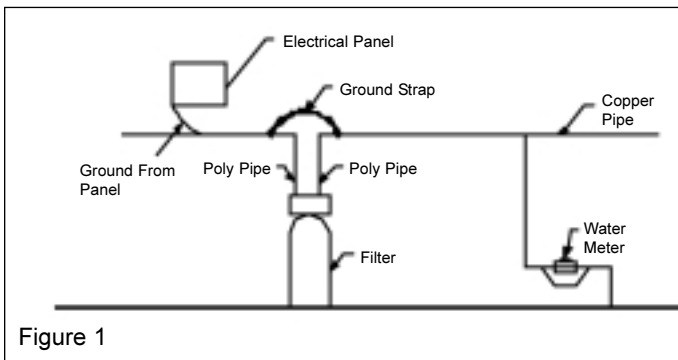
Installation Instructions

CAUTION:

If the ground from the electrical panel or breaker box to the water meter or underground copper pipe is tied to the copper water lines and these lines are cut during installation, an approved grounding strap must be used between the two lines that have been cut in order to maintain continuity. The length of the grounding strap will depend upon the number of units being installed and/or the amount of copper pipe being replaced with poly. See Figure 1.

In all cases where metal pipe was originally used and is later interrupted by poly pipe as in Figure 1 or by physical separation as in Figure 2, to maintain proper metallic pipe bonding, an approved ground clamp c/w not less than #6 copper conductor must be used for continuity.

Check your local electrical code for the correct clamp and cable size.



Installation Instructions

1. Determine the best location for your Upflow Neutralizer, bearing in mind the location of your water supply lines. Subjecting the neutralizer to freezing or temperatures above 43°C (110°F) will void the warranty.
2. Familiarize yourself with the location of the inlet and outlet. Be very careful not to get the controls wet. Connect the inlet and outlet of the Neutralizer to the plumbing in the house. Connect the inlet water supply to the **upflow inlet side** of the head. The Econoflo Neutralizer is an upflow system. The water outlet should be hooked to the **downflow outlet side** of the head. See figure 3 for inlet/outlet connections. The head must not be subjected to temperatures above 43°C (110°F). To avoid damaging the head when sweat fittings are used, solder the threaded copper adapters to the copper pipe and then, using teflon tape, screw the assembly into the bypass valve.

CAUTION - do not use pipe thread compound as it may attack the material in the valve body.

ALL GOVERNMENT CODES GOVERNING INSTALLATION OF THESE DEVICES MUST BE OBSERVED.

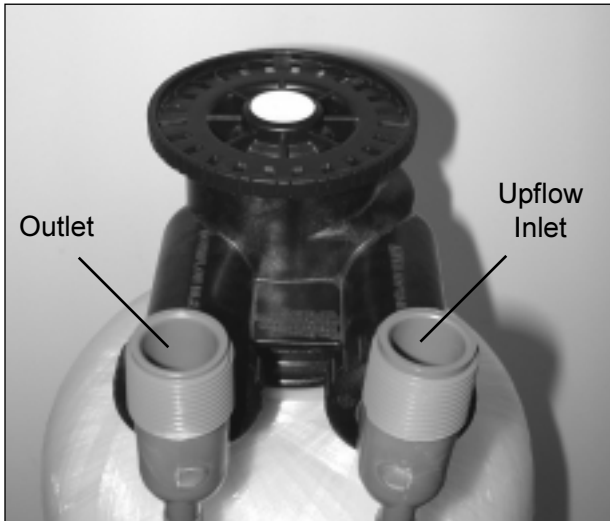


Figure 3

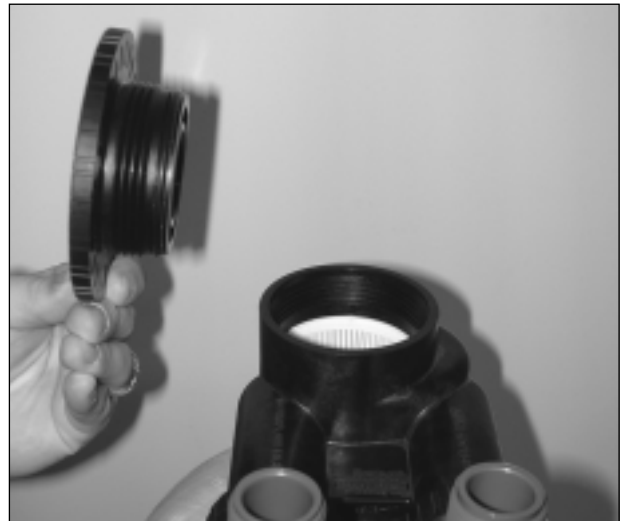


Figure 4 - The 1" In-out Head is available with a removable fill port cap to allow easy access to the media bed.



Figure 5 - The 1" In-out Head includes a removable upper distribution basket providing access to the top of the riser pipe, allowing water to be drained from the tank when replacing media.



Figure 6 - Refilling Media

Replacing Media Bed

NF - Neutralizing Filter - the media bed in a neutralizing filter is slowly dissolved and has to be replenished periodically. The frequency varies, depending on water quality – consult your dealer to determine the expected life of your media bed.

Econoflo Guarantee

WaterGroup Inc. guarantees that your new water conditioner is built of quality material and workmanship. When properly installed and maintained, it will give years of trouble free service.

Five Year Guarantee on Control Valve:

WaterGroup Inc. will replace any part which fails within 60 months from date of manufacture, as indicated by the serial number provided the failure is due to a defect in material or workmanship. The only exception shall be when proof of purchase or installation is provided and then the warranty period shall be from the date thereof.

Ten Year Guarantee on Mineral Tanks:

WaterGroup Inc. will provide a replacement mineral tank or brine tank to any original equipment purchaser in possession of a tank that fails within 120 months, provided that the water conditioner is at all times operated in accordance with specifications and not subject to freezing.

General Provisions:

WaterGroup Inc. assumes no responsibility for consequential damage, labor or expense incurred as a result of a defect or for failure to meet the terms of these guarantees because of circumstances beyond its control.

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