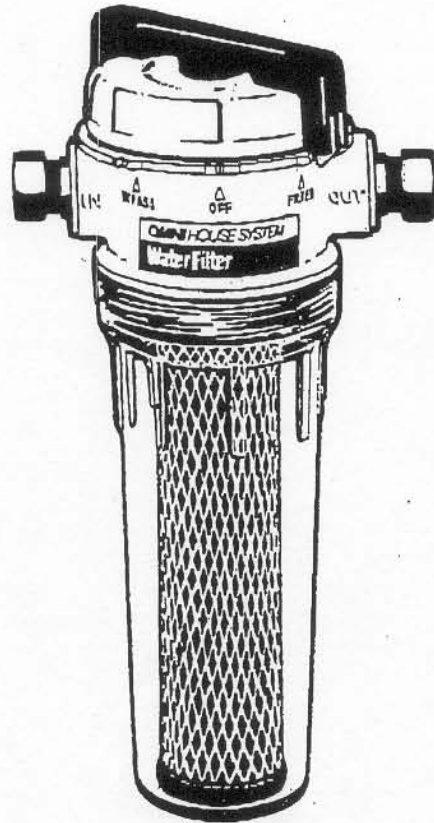


**DO-IT-YOURSELF WITH
OMNIFILTER®**



**Owners Manual And Installation
Guide for Omni Model U22 or U24**

OMNIFILTER®

USA



Omni's DO IT YOURSELF WATER FILTER SYSTEM™

EASY-MOUNT INSTALLATION INSTRUCTIONS

For Use With 3/4" Diameter Copper or Plastic Tubing When Installing The Clean Water System Filter™

WHERE TO INSTALL

Choose an accessible location anywhere after the water meter. **DO NOT INSTALL:** on hot water lines; where filter will be subjected to freezing temperatures; or on water lines in excess of 125 psi (average household pressure is 50 psi). Make sure to connect at a spot beyond where garden water line connects to main line to avoid filtering outside water. Allow minimum of 3" clear space under filter to facilitate cartridge change. If using torch **DO NOT USE** near plastic housing.

BEFORE STARTING, SHUT OFF MAIN WATER SUPPLY AND DRAIN PIPES

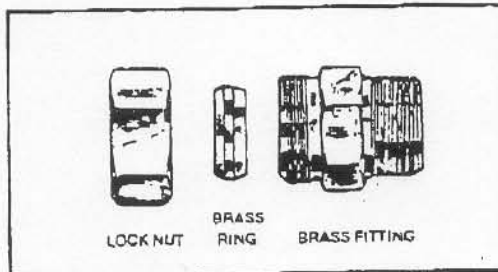


FIGURE 1.

FIGURE 1. SHOWS THE PARTS SUPPLIED TO YOU. In addition to the above, the tools needed to complete installation are: a tube cutter or hack saw for cutting pipe and a wrench to tighten the locknuts.

STEP 1

Turn off incoming water and relieve pressure in your line by turning on water faucet or drain your lines if possible. Tubing cut must be on houseside of main valve. You should select a place where cartridge can be easily changed.

STEP 2

Remove lock nuts and brass rings leaving brass fitting securely in filter housing.

STEP 3

Apply the appropriate template supplied on this sheet to tubing and prepare to cut. Be sure you have selected the correct template. See figure 2.

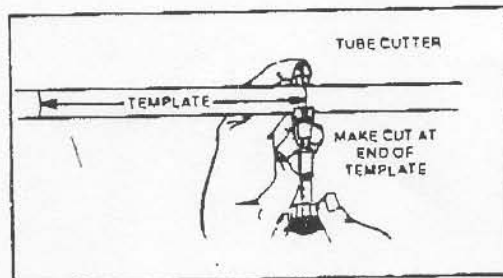
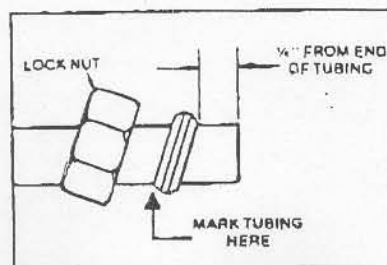


FIGURE 2.

STEP 4

Place locknuts on tubing, small end first. Then place brass ring. Slide brass ring to approximately 1/4" from end of tubing (as shown in figure 3). Mark the tubing behind the brass ring in case either is accidentally moved.



LENGTH FOR 3/4" COPPER OR PLASTIC TUBING
TEMPLATE

VERY IMPORTANT INSTALLATION INSTRUCTIONS

- DO NOT USE pipe dope, compounds, sticks, etc. on pipe threads attached to this unit.
- CLEAN away all traces of cutting oil from new pipe nipples or newly threaded fittings by wiping threads with clean cloth or rag. Use paint thinner or solvent to clean heavily oiled threads, then dry. Remove all chips, then polish and deburr.
- CLEAN away all traces of rust and hardened dope from old nipples or fittings. Also remove all traces of oil, then polish and deburr. New nipples are always preferred, however.
- USE — TEFLON TAPE — ONLY, without adhesive backing, on all pipe threads connected to this unit.

Pipe dope and similar compounds, sticks, etc. all contain petroleum products. This, in any form, will damage plastic parts in time and may result in cracking and leaking. Therefore, they must not be used when piping this unit and all oil cleaned from threads as instructed above.

STEP 5

Place the filter with fittings into position (figure 4). Be sure the port marked "IN" points toward the water meter so that the flow of water enters the filter through this port. Spread tubing by hand. The filter should temporarily hang suspended between the tubing endings (figure 4). Making sure that the brass ring on the left end remains 1/4" from end of tube per your marking, tighten left lock nut to full seal. Now, by hand, join the remaining brass ring tight against brass fitting and tighten lock nut to complete seal (tighten securely).

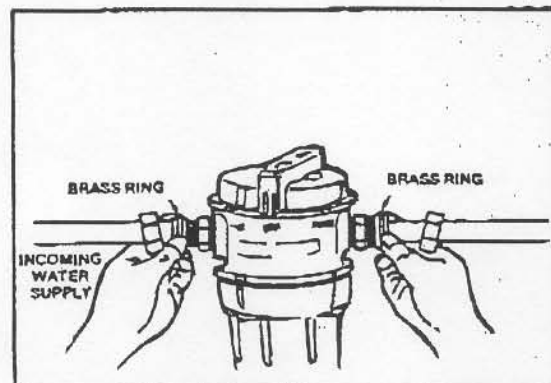
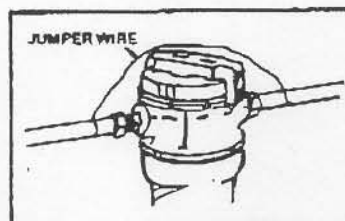


FIGURE 4

STEP 6

The filter is now ready to be put into service. Turn valve handle to "OFF" position. Slowly open the main water valve and check for leaks. Turn the valve handle from "OFF" to "Filter" position and press blue pressure relief button until tank fills with water, thus allowing air in tank to escape. If either compression fitting should leak, proceed to tighten it slowly until dripping stops.



CAUTION NOTE: If water pipes are used to ground electrical system, appliances, or phone, be sure to install regulation ground clamps to the metal pipe on each side of the plastic filter, connected by a jumper wire of #4 gauge solid copper wire.

NOTE: Where plumbing codes require clamps be used, please install one clamp on each side of the Clean Water System™ connected by a jumper wire.

General Guidelines and Precautions

- DO NOT** Install on hot water lines
- DO NOT** Install in areas over 100°F
- DO NOT** Install in direct sunlight
- DO NOT** Install on water lines over 125 psi
- DO NOT** Use the wrench to tighten cartridge tanks
- DO NOT** Use pipe dope, use teflon tape only
- DO NOT** Use with any other liquid than water
- DO NOT** Use on non potable water

To Maximize Performance, Long Life and Safe Operation

- Read and follow instructions carefully
- Use only Omni replacement cartridges
- Follow the "instructions for cartridge change" (page 6) when changing cartridge

When to Change Cartridges

Change at a maximum of 3 months or sooner if you notice a sustained drop in water pressure or a change in the taste of the water

Installation

Fittings included with this unit allow for installation with existing 3/4" pipe. If your plumbing is not 3/4" pipe, additional fittings may have to be purchased.

PERFORMANCE DATA SHEET

IMPORTANT NOTICE: Read this performance data sheet and compare the capabilities of this unit with your actual water treatment needs. It is recommended that before purchasing a water treatment unit, you have your water supply tested to determine your actual water treatment needs.

OMNIFILTER®

1-800-937-OMNI (1-800-937-6664)

Operating Pressure: 25-125 psi (1.8-8.8 kg/cm²)

Operating Temperature: 35°F-100°F (2°C-38°C)

General Installation Conditions: This unit is intended for non-commercial, whole house indoor use. It should be used only in ambient air temperatures of between 35°F and 100°F and water temperatures between 35°F and 100°F. Placement of this unit in direct sunlight or use of electrical heating equipment on this unit must be avoided.

The contaminants or other substances removed or reduced by this water treatment device are not necessarily in your water.

Model Name	Model No.	Replacement Cartridges	Capacity	Flow Rate (Inflow and Outflow)
House	U22	RS1	5000 gal. (18930L)	4.0 gpm (15.2L/min.)
House	U24	TQ1	5000 gal. (18930L)	4.0 gpm (15.2L/min.)

Pressure drop of point of entry units (OMNI House units U24, U22): less than 10 psig.

Additional specifications for all OMNI units include an operating pH range of 6.5-9 pH, and an operating pressure range of 25-125 psig.

Performance of water treatment units may vary based on local water conditions.

The Installation and Operating Instructions and the Manufacturers Warranty are included in the package of the unit being purchased.

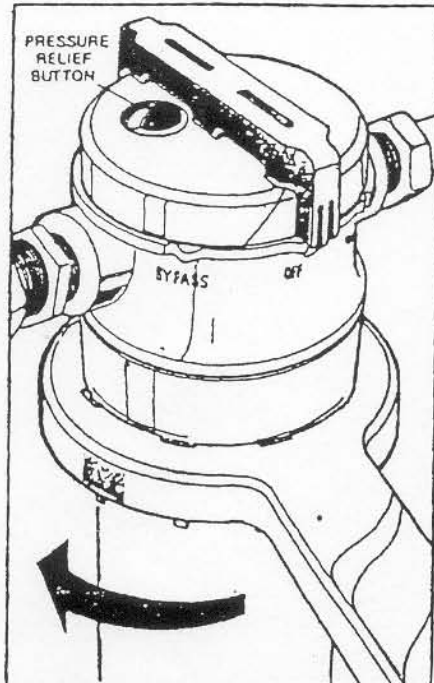
These units are not intended to be used where the water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the unit.

Maintenance requirements: Replace filter cartridges when and as indicated in the operating instructions.

INSTRUCTIONS FOR CARTRIDGE CHANGE

WHEN TO CHANGE:

Cartridge life depends on water volume used and contaminants in the water. Normally cartridge should be changed at maximum of ninety day intervals. Replace sooner if water pressure at faucet begins to drop noticeably or cartridge fails to perform satisfactorily.



PROCEDURE FOR CARTRIDGE CHANGE

1. Place pan under unit to catch any water that may spill.
2. Turn valve handle on top of filter to "OFF" position.
3. Depress blue pressure relief button on top of filter for three seconds — a few drops of water may escape.
4. Place blue tank wrench in position so that it meshes with tank ribs. Turn tank wrench clockwise to the left loosening tank from filter housing. (See illustration at left.)
5. Pour water from tank and discard old cartridge. Wipe inside of the tank clean with soft cloth.
6. Insert new cartridge into tank making sure it seats over post at bottom.
7. Re-attach tank to filter housing making certain "O" ring is in place and hand tighten.
8. Turn valve handle to filter position while depressing pressure relief button until tank is filled with water. (You can observe water level through tank.) Open a faucet for approximately 10 seconds allowing any accumulation of air, etc. to flow through.



the CLEAN WATER SYSTEM™

IS ONCE AGAIN GIVING YOU CLEAN
SPARKLING WATER FOR YOUR HOME.

IMPORTANT:
USE ONLY GENUINE
OMNI REPLACEMENT
CARTRIDGES FOR
BEST RESULTS