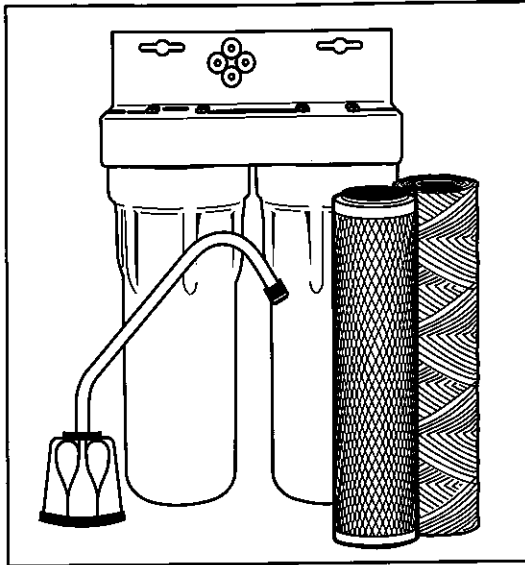


OMNIFILTER

Safe, Clean Water™

293 Wright St. • Delavan, WI 53115
 Phone: 800.937.6664
 www.omnifilter.com



OT32 Series B

Dual Stage Undersink Drinking Water System

INSTALLATION INSTRUCTIONS

English Pages 2-6
 Replacement Parts Page 7

OT32 Serie B

Sistema de agua potable de dos etapas para debajo del fregadero

INSTRUCCIONES DE INSTALACIÓN

Español Páginas 8-12
 Piezas de Repuesto Pagina 13

OT32 Série B

Système d'eau potable sous évier à deux étages

INSTRUCTIONS D'INSTALLATION

Français Pages 14-18
 Pièces de Rechange Page 19

Tools and Fittings Required

- Phillips screwdriver
- Adjustable wrench
- Tube cutters or utility knife
- Towel
- Pencil
- Tape measure
- Safety glasses

Optional Materials

- (For sinks without extra hole for faucet)
- Hand or electric drill (cordless recommended)
 - Center punch
 - 1/4-inch and 3/4-inch drill bits
 - File

Parts Included

- Filter system with filter cartridges (RS2 Cartridge and CB3 Series B Cartridge)
- Mounting bracket
- Screws for mounting bracket cap
- Screw Kit
- Water supply adapter
- Housing wrench
- Lead-free drinking water faucet
- 1/4-inch plastic tubing

Herramientas y conexiones necesarias

- Destornillador Phillips
- Llave ajustable
- Cortadores de tubos o cuchillo universal
- Toalla
- Lápiz
- Cinta métrica
- Gafas de seguridad

Materiales Opcionales

- (Para fregaderos sin orificio adicional para grifo)
- Taladro manual o eléctrico (se recomienda inalámbrico)
 - Púñzón de marcar
 - Brocas de 1/4 y 3/4 de pulgada
 - Lima

Piezas incluidas

- Sistema de filtración con cartuchos filtrantes - (Cartucho RS2 y CB3 Serie B)
- Soporte de montaje
- Tornillos para tapa de soporte de montaje
- Juego de tornillos
- Adaptador para línea de abastecimiento de agua
- Llave para la caja
- Grifo de agua potable sin plomo
- Tubo de plástico de 1/4 de pulgada

Outils et raccords nécessaires

- Tournevis Phillips
- Clé réglable
- Coupe-tubes ou couteau
- Serviette
- Crayon de bois
- Mètre à ruban
- Lunettes de sécurité

Quincaillerie en option

- (Pour éviers sans trou de robinet supplémentaire)
- Perceuse à main ou électrique (sans fil conseillé)
 - Et pointeau
 - Forets de 1/4 po et 3/4 po
 - Lime

Pièces comprises

- Système de filtration avec cartouches filtrantes - (Cartouche RS2 et cartouche CB3 série B)
- Support de montage
- Vis pour fixation du support
- Kit de vis
- Adaptateur pour arrivée d'eau
- Clé pour boîtier de filtre
- Robinet sans plomb pour eau potable
- Tube plastique de 1/4 po



Systems Tested and Certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of claims specified in the Performance Data Sheet in this manual.



Sistemas probados y certificados por NSF International bajo las normas 42 y 53 de NSF/ANSI para la reducción de substancias especificadas en la ficha de datos de rendimiento de este manual.



Systèmes testés et certifiés par NSF International selon les normes NSF/ANSI 42 et 53 pour la réduction des produits revendiqués à la fiche des données techniques de ce mode d'emploi.

For further operating, installation, maintenance, parts or assistance:
 Call OMNIFILTER Customer Service at 800.937.6664

Para mayor información sobre la operación, instalación o el mantenimiento:
 Llame al Servicio al Cliente de OMNIFILTER: 800.937.6664

Pour de tout autre renseignement concernant le fonctionnement, l'installation ou l'entretien :
 Appelez le service à la clientèle en composant le : 800.937.6664

OPERATING SPECIFICATIONS

| | |
|-----------------------------|---|
| Pressure Range: | 30–125 psi (2.1–8.62 bar) |
| Temperature Range: | 40°F–100°F (4.4°C–37.8°C) |
| Turbidity: | 5 NTU max |
| Flow Rate: | 0.5 gpm (1.9 Lpm) |
| Filter Capacity: | 400 gallons (1,514 liters) or 6 month cartridge life |
| Dimensions: | 9.9" x 5.2" x 15.2" (251 mm x 132 mm x 386 mm) |
| Weight (filled with water): | 9 lbs (4.1 kg) |

PRECAUTIONS

⚠ WARNING Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

CAUTION Filter must be protected against freezing, which can cause cracking of the filter and water leakage.

CAUTION The rubber o-ring provides the water-tight seal between the cap and the bottom of the housing. It is important that the o-ring be properly seated in the groove above the threads of the housing or a water leak could occur.

CAUTION Because of the product's limited service life and to prevent costly repairs or possible water damage, we strongly recommend that the bottom of all plastic housings be replaced every ten years. If the bottom of your housing has been in use for longer than this period, it should be replaced immediately. Date the bottom of any new or replacement housing to indicate the next recommended replacement date.

CAUTION Do not use electrical heating tape on this unit.

NOTES:

- For cold water use only.
- The contaminants or other substances removed or reduced by this water treatment device are not necessarily in your water. Ask your local water municipality for a copy of their water analysis, or have your water tested by a reputable water testing lab.
- Do not install where system will be exposed to direct sunlight.
- Filter cartridge life varies depending on filter type, usage, and water conditions.
- The replacement filter cartridge used with this system has a limited service life. Changes in taste, odor, or flow of the water being filtered indicate that the cartridge should be replaced.
- Use only OMNIFILTER replacement cartridges.
- This installation must comply with all applicable state and local regulations.
- Use only Teflon® tape without adhesive backing to seal joints. Do not use pipe compound ("pipe dope"), sticks, or similar compounds with this unit; they contain petroleum derivatives which will cause crazing and cracking of the plastic in the filter housing.
- Use only soap and water to clean filter housing and components.

- Do not use aerosol sprays (bug spray, cleaning fluids, etc.) near the filter. They contain organic solvents which will cause crazing and cracking of the plastic in the filter housing.
- After prolonged periods of non-use, such as a vacation, it is recommended that the system be flushed thoroughly. Let water run for 5-6 minutes before using.
- Do not use a torch near the unit.
- Some harmless bacteria may attack cellulose media cartridges such as the TO1. If your cartridge seems to disintegrate or develops a musty or moldy odor, switch to a synthetic media cartridge or consult the manufacturer.
- Wear safety glasses during installation.

INSTALLATION INSTRUCTIONS

NOTE:

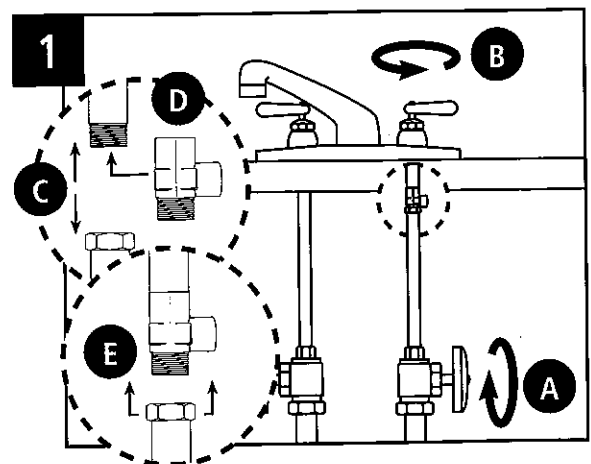
- Please read all instructions, specifications, and precautions before installing and using your water filter.
- Numbered diagrams correspond with numbered steps.
- For standard installation on 1/2-inch 14 NPS threads (most common thread on kitchen faucets) cold water line.

Installation

1. Installing the Water Supply Adapter

The supply adapter fits 1/2-inch NPS supply threads. If local codes permit, it may be used to connect the filter system to the cold water supply line. If local codes do not permit the use of the supply adapter, alternate connectors can be obtained from your local supplier.

- Turn off cold water supply line. If cold water line does not have a shut-off valve under the sink, you should install one.
- Turn on the cold water faucet and allow all water to drain from line.
- Disconnect cold water line from 1/2-inch 14 NPS threaded stub on bottom of main faucet.
- Apply Teflon® tape onto threads of faucet stub and supply adapter. Screw the water supply adapter to the threaded faucet stub as shown.
- Using the nut that previously connected the cold water line to the faucet, screw the cold water line to the male supply adapter threads.



2. Selecting the Faucet Location

NOTE: The drinking water faucet should be positioned with function, convenience, and appearance in mind. An adequate flat area is required to allow faucet base to rest securely. The faucet fits through a 3/4-inch hole. Most sinks have pre-drilled 1 3/8-inch or 1 1/2-inch diameter holes that may be used for faucet installation. If these pre-drilled holes cannot be used or are in an inconvenient location, it will be necessary to drill a 3/4-inch hole in the sink to accommodate the faucet.

CAUTION This procedure may generate dust which can cause severe irritation if inhaled or come in contact with the eyes. The use of safety glasses and respirator for this procedure is recommended.

CAUTION Do not attempt to drill through an all-porcelain sink. If you have an all-porcelain sink, mount the faucet in pre-drilled sprayer hole or drill through countertop next to sink.

CAUTION When drilling through a countertop, make sure the area below the drilled area is free of wiring and piping. Make certain that you have ample room to make the proper connections to the bottom of the faucet.

CAUTION Do not drill through a countertop that is more than one inch thick.

CAUTION Do not attempt to drill through a tiled, marble, granite or similar countertop. Consult a plumber or the countertop manufacturer for advice or assistance.

- A) Line bottom of sink with newspaper to prevent metal shavings, parts, or tools from falling down drain.
- B) Place masking tape over the area to be drilled to prevent scratches if drill bit slips.
- C) Mark hole with center punch. Use a 1/4-inch drill bit for a pilot hole.
- D) Using a 3/4-inch drill bit, drill a hole completely through the sink. Smooth the rough edges with a file.

3. Mounting the Faucet

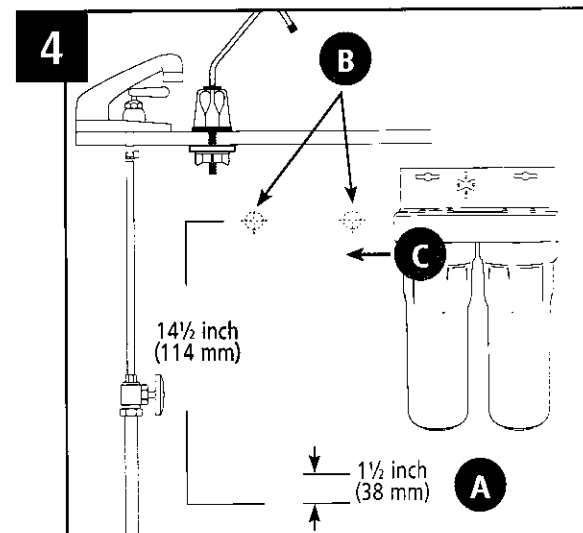
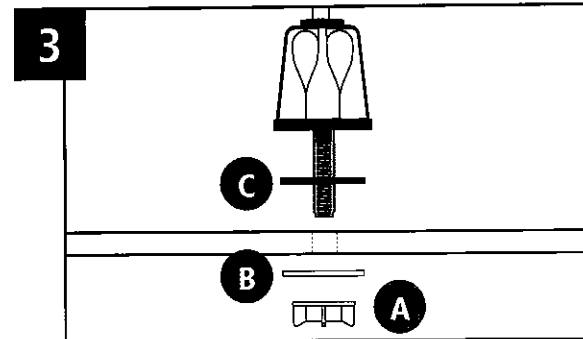
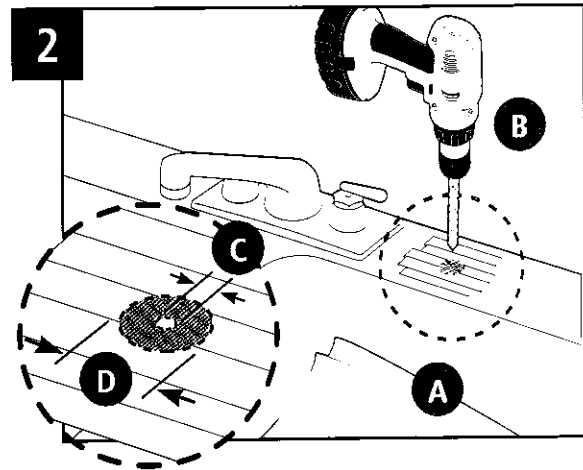
- A) Remove wing nut **A**, and metal washer **B**, from the threaded shaft of the faucet. Leave the black rubber washer **C**, on the threaded shaft.
- B) Slide the threaded shaft of the faucet into drilled hole.
- C) From under the sink, slide the metal washer on and thread on the wing nut. Tighten the wing nut by hand until tight. It may be necessary to have a second person hold the faucet while tightening the wing nut.

NOTE: Do not over-tighten the wing nut. Hand-tighten only. Do not use pliers or wrench to tighten.

4. Mounting the System

- A) Select location under sink or in basement where filter is to be mounted.

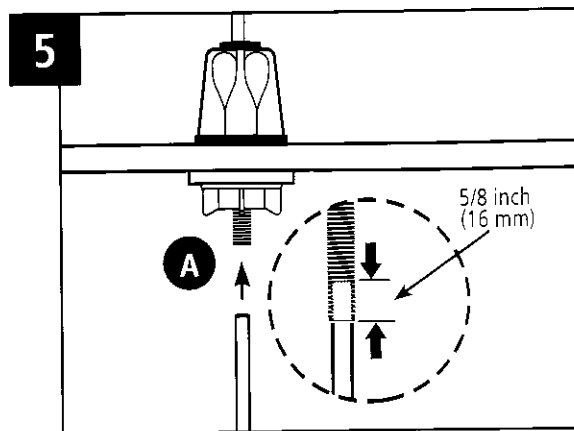
NOTE: Allow 1 1/2 inches (38 mm) clearance below housing to enable filter cartridge changes.
- B) Install mounting screws at least 14 1/2 inches (114 mm) from cabinet floor and 5 7/8 inches (149 mm) apart. Leave enough space (approximately 1/8 inch [3 mm]) between the head of the screw and the wall to slip system onto screws.
- C) Place system over screws on wall and slide sideways to lock into place. Make certain system is firmly attached to wall to prevent it from falling and possibly being damaged.



5. Connecting the Faucet

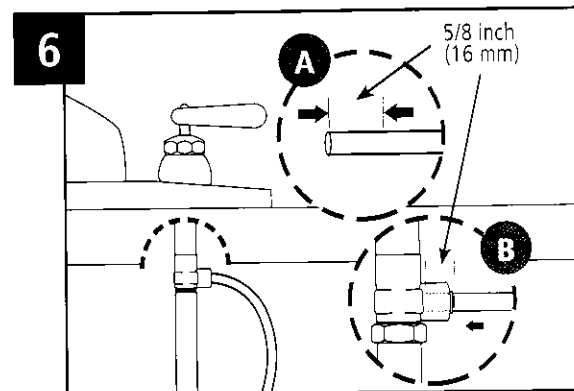
- A) Insert one end of the 1/4-inch tube, supplied in the installation kit, into the gray quick-connect fitting collar located on the bottom of the threaded shaft of the faucet. Push tubing into the fitting approximately 5/8 inch until you come to a hard stop. Do not bend or crimp tube when inserting.
- B) Gently pull back on the tube to ensure it is connected properly. If the tube comes out of fitting, cut a small section of the tube off and reconnect.

NOTE: Disconnecting the tubing from the quick-connect fittings. Routine maintenance and cartridge replacement will not require that you disconnect the tubing from the filter system; however, tubing may be quickly and easily removed from the fitting if necessary. First, turn off the water supply to the filter. Open faucet, then press in the grey collar around the fitting while pulling the tubing with your other hand.



6. Connecting the Supply Adapter

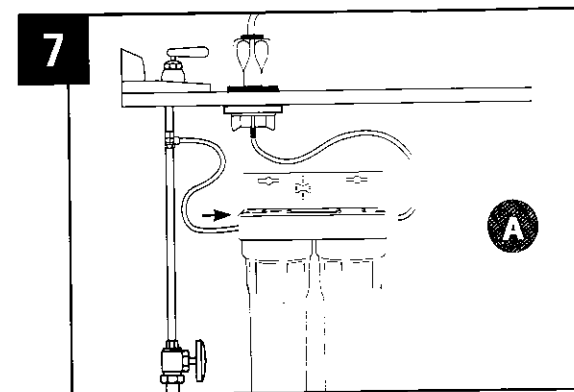
- A) Determine the length of plastic tubing needed to connect the inlet (left) side of the filter with the supply adapter. Be sure to allow enough tubing to prevent kinking and cut the tubing squarely. Place a mark 5/8 inch from the end of the tubing.
- B) Wet tubing with water and insert into supply adapter 5/8 inch until mark is flush with fitting.



7. Connecting the System

- A) Assemble tubing with system as shown in Figure 7, inserting supply adapter tubing into inlet and faucet tubing into outlet quick-connect fitting approximately 5/8 inch until it stops.

NOTE: In some installations, connecting the system to the water supply adapter and/or drinking water faucet causes the tubing to enter the quick-connect fitting at a sharp angle. This may exert pressure on the quick-connect fitting and cause it to leak. If sharp angles at the connections are unavoidable, please contact OMNIFILTER Customer Service at 800.937.6664.



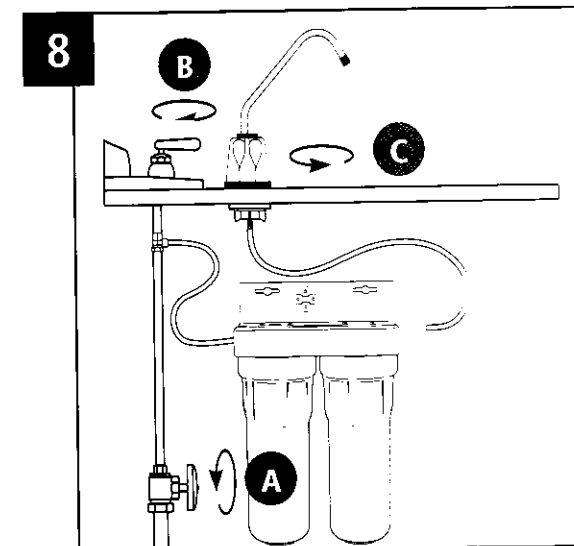
8. Putting the System into Operation

- A) Slowly turn on cold water supply.
- B) Shut off faucet that was opened before starting installation.
- C) Rotate base of drinking water faucet counter-clockwise to "ON" position. Allow water to run for 5 minutes to flush air and carbon fines from filter cartridges. Check system for leaks before leaving installation. If there are any leaks, see Troubleshooting.

NOTE: It is recommended that you run the tap at least 20 seconds prior to using water for drinking or cooking purposes.

NOTE: Initially, filtered water may appear cloudy. If you set a glass of water on a level surface, you should be able to watch the cloudiness disappear from the bottom of the glass upwards. This harmless cloudiness results from the release of trapped air within the cartridge and will disappear within a few weeks after installation.

INSTALLATION IS NOW COMPLETE.



WHEN TO CHANGE THE CARTRIDGE

The life of the cartridge depends on the water volume used and the substances in the water. Normally the cartridge should be changed at intervals of three to six months or less. Replace the cartridge sooner if the water pressure at the faucet begins to drop noticeably or if you notice changes in the taste, color, or flow of the filtered water.

NOTE: Certain types of harmless bacteria will attack cellulose material. Cartridges containing cellulose, such as the TO1 may seem to disintegrate, produce a "sewer" or "rotten egg" odor, or form a black precipitate due to bacteria. If this happens, consult OMNIFILTER Customer Service for advice or select a different OMNIFILTER cartridge.

FILTER CARTRIDGE REPLACEMENT

Filter cartridges for the OT32 will last about 400 gallons or six months before they need to be replaced. Filter cartridge life varies depending on usage, and/or water conditions. Changes in taste, color, and flow of the water being filtered indicate that the cartridge should be replaced.

NOTE: Read all instructions before replacing filter cartridge.

- A) Turn off cold water supply and open the drinking water faucet to release pressure from system.
- B) Unscrew and remove bottom of filter housing. Locate and remove large o-ring, wipe clean of lubricant, and set aside. Repeat for second housing.
- C) Discard used filter cartridges. Using a non-abrasive sponge or cloth, scrub the bottom of filter housings, o-ring grooves, and caps with dish soap and warm water. Rinse thoroughly. Fill bottom of each housing 1/3 full with water. Add 2 tablespoons of household bleach and scrub to disinfect.
- D) Lubricate o-rings with silicone grease. Insert each o-ring in groove and press into place.
NOTE: This step is important to ensure a proper housing seal. Make certain each o-ring is seated level in its groove or a leak may occur.
- E) Screw bottom of housings with bleach water onto caps without filter cartridges and hand-tighten.
DO NOT OVER-TIGHTEN.
- F) Turn on water supply. Let faucet run for about 10 seconds, then turn off faucet and let stand for 20-30 minutes.
- G) Turn on faucet and allow bleach water to run out (about 3-5 minutes).
- H) Turn off water supply to system and open faucet to release pressure. Remove bottom of housings and empty of water.
- I) Insert each filter cartridge in bottom of appropriate filter housing.
- J) Screw bottom of housings onto caps and hand-tighten.
DO NOT OVERTIGHTEN. Make certain cap standpipe slips into cartridge.
- K) Open water supply and turn on drinking water faucet to release pressure in system. Let faucet run for 5 minutes to remove trapped air and carbon fines. Check system for leaks before leaving installation.

NOTE: It is recommended that you run the tap at least 20 seconds prior to using water for drinking or cooking purposes.

NOTE: Initially, filtered water may appear cloudy. If you set a glass of water on a level surface, you should be able to watch the cloudiness disappear from the bottom of the glass upwards. This harmless cloudiness results from the release of trapped air within the cartridge and will disappear within a few weeks after installation.

NOTE: Use only genuine OMNIFILTER replacement cartridges for best results. Failure to use OMNIFILTER replacement cartridges will void your warranty.

TROUBLESHOOTING

Leaks between cap and bottom of housing:

1. Turn off water supply and depress pressure-relief button. Remove bottom of housings
2. Clean o-ring and o-ring groove (located directly beneath threads of housing). Lubricate o-ring with silicone grease and replace securely into groove. Screw bottom of housing onto cap and hand-tighten.
DO NOT OVER-TIGHTEN.
3. Turn on water supply. If leaks persist, or if there are other leaks on the system, turn off water supply. Call OMNIFILTER Customer Service at 800.937.6664.

Leaks on inlet/outlet connections:

1. Turn off water supply and turn on faucet to release pressure in pipes. Remove tubing from fitting (see Step 5 under Installation) and make sure end of tubing is cut squarely and free of burrs. Reinsert tubing into quick-connect fittings, making sure to push securely until tubing hits a hard stop.
2. Turn on water supply. If leaks persist, or if there are other leaks on system, turn off water supply. Call OMNIFILTER Customer Service at 800.937.6664.

PERFORMANCE DATA

Model OT32 Series B

Important Notice: Read this performance data and compare the capabilities of this system with your actual water treatment needs. It is recommended that, before installing a water treatment system, you have your water supply tested to determine your actual water treatment needs.

This system has been tested according to NSF/ANSI 42 and 53 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42 and 53.

WARNING Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

NOTE: The contaminants or other substances removed or reduced by this water treatment device are not necessarily in your water. Filter must be maintained according to manufacturer's recommendations, including replacement of filter cartridges.

Model OT32 Series B

| Substance | Influent Challenge Concentration | Maximum Permissible Product Water | Reduction | | |
|-----------------------------------|--|-----------------------------------|--------------|---------|---------|
| | | | Requirements | Minimum | Average |
| Standard 42 | | | | | |
| Chlorine | 2.0 mg/L ± 10% | | ≥50% | | 97% |
| Particulates (0.5 - 1m) - Class I | at least 10,000 particles/ml | | ≥85% | | 97.4% |
| Standard 53 | | | | | |
| Cysts | Minimum 50,000/l | | 99.95% | 99.98% | 99.99% |
| Asbestos | 10 ⁶ to 10 ⁸ fibers/L > 10 micrometers in length | | 99% | 99.82% | 99.82% |
| Lead (pH 6.5) | 0.15 mg/L | 0.010 mg/L | | 99.3% | 99.3% |
| Lead (pH 8.5) | 0.15 mg/L | 0.010 mg/L | | 99.3% | 99.3% |
| Mercury (pH 6.5) | 0.006 mg/L | 0.002 mg/L | | 96.4% | 96.4% |
| Mercury (pH 8.5) | 0.006 mg/L | 0.002 mg/L | | 96.5% | 96.5% |
| Chloroform (VOC surrogate) | 0.300 mg/L ± 10% | 0.015 mg/L | | 95.8% | 99% |
| Methyl tert-butyl ether | 0.015 mg/L ± 20% | 0.005 mg/L | | 79.3% | 90% |

Flow rate = 0.5 gpm (1.9 Lpm), Capacity = 400 gallons (1,514 L) or 6 months
Testing was performed under standard laboratory conditions, actual performance may vary.

Test Conditions

Flow Rate = as noted for filter system
Inlet Pressure = 60 psi (4.1 bar)
pH = 7.5 ± 1
Temperature = 68°F ± 5°F (20°C ± 2.5°C)

Operating Requirements

Pressure = 30-125 psi (2.1-8.62 bar)
Temperature = 40-100°F (4.4-37.8°C)
Turbidity = 5 NTU Max.

Organic Chemicals Included by Surrogate Testing

| Substance | Influent Challenge Concentration mg/L | Maximum permissible product water concentration mg/L |
|---------------------------------|---------------------------------------|--|
| Alachlor | 0.050 | 0.001 |
| Atrazine | 0.100 | 0.003 |
| Benzene | 0.081 | 0.001 |
| Carbofuran | 0.190 | 0.001 |
| Carbon tetrachloride | 0.078 | 0.0018 |
| Chlorobenzene | 0.077 | 0.001 |
| Chloropicrin | 0.015 | 0.0002 |
| 2,4-D | 0.110 | 0.0017 |
| Dibromochloropropane (DBCP) | 0.052 | 0.00002 |
| O-dichlorobenzene | 0.080 | 0.001 |
| P-dichlorobenzene | 0.040 | 0.001 |
| 1,2-Dichloroethane | 0.088 | 0.0048 |
| 1,1-Dichloroethylene | 0.083 | 0.001 |
| Cis-1,2-dichloroethylene | 0.170 | 0.0005 |
| Trans-1,2-dichloroethylene | 0.086 | 0.001 |
| 1,2-Dichloropropane | 0.080 | 0.001 |
| Cis-1,3-dichloropropylene | 0.079 | 0.001 |
| Dinoseb | 0.170 | 0.0002 |
| Endrin | 0.053 | 0.00059 |
| Ethylbenzene | 0.088 | 0.001 |
| Ethylene dibromide (EDB) | 0.044 | 0.00002 |
| Haloacetonitriles (HAN): | | |
| Bromochloroacetonitrile | 0.022 | 0.0005 |
| Dibromoacetonitrile | 0.024 | 0.0006 |
| Dichloroacetonitrile | 0.0096 | 0.0002 |
| Trichloroacetonitrile | 0.015 | 0.0003 |
| Haloketones (HK): | | |
| 1,1-Dichloro-2-propanone | 0.0072 | 0.0001 |
| 1,1,1-Trichloro-2-propanone | 0.0082 | 0.0003 |
| Heptachlor | 0.25 | 0.00001 |
| Heptachlor epoxide | 0.0107 | 0.0002 |
| Hexachlorobutadiene | 0.044 | 0.001 |
| Hexachlorocyclopentadiene | 0.060 | 0.000002 |
| Lindane | 0.055 | 0.00001 |
| Methoxychlor | 0.050 | 0.0001 |
| Pentachlorophenol | 0.096 | 0.001 |
| Simazine | 0.120 | 0.004 |
| Styrene | 0.150 | 0.0005 |
| 1,1,2,2-Tetrachloroethane | 0.081 | 0.001 |
| Tetrachloroethylene | 0.081 | 0.001 |
| Toluene | 0.078 | 0.001 |
| 2,4,5-Tp (silvex) | 0.270 | 0.0016 |
| Tribromoacetic acid | 0.042 | 0.001 |
| 1,2,4-Trichlorobenzene | 0.160 | 0.0005 |
| 1,1,1-Trichloroethane | 0.084 | 0.0046 |
| 1,1,2-Trichloroethane | 0.150 | 0.0005 |
| Trichloroethylene | 0.180 | 0.0010 |
| Trihalomethanes (includes): | | |
| chloroform (surrogate chemical) | | |
| bromoform | 0.300 | 0.015 |
| bromodichloromethane | | |
| chlorodibromomethane | | |
| Xylenes (total) | 0.070 | 0.001 |

REPLACEMENT PARTS

For replacement parts, contact your nearest retailer or go to www.omnifilter.com or call OMNIFILTER Customer Service at 800.937.6664.

The OT32 Series B is covered by a limited 5 year warranty. See warranty for details.

| | Part Number | Description |
|---|-------------|--|
| 1 | 144497 | Pressure Relief Button Kit (not visible) |
| 2 | 154403 | Blue Cap |
| 3 | 151121 | O-ring |
| 4 | 153219 | Blue Housing Sump |
| 5 | 150294 | Housing Wrench |
| 6 | 150580 | Screw Kit (not shown) |

MAINTENANCE

Contact your local area retailer for replacement cartridge pricing.

