OMNIFILTER
Safe, Clean Water™

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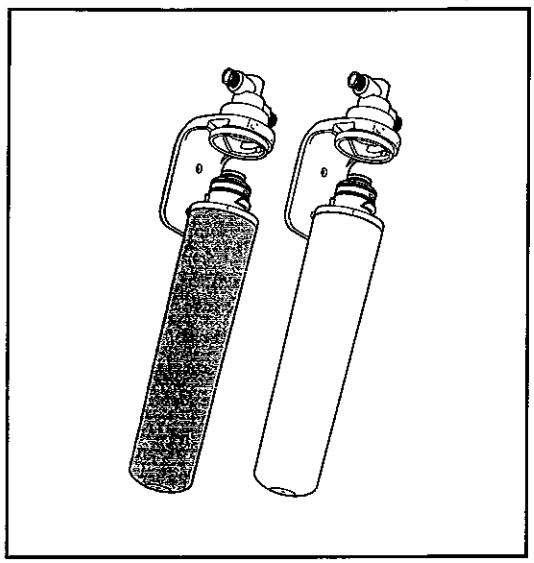
Phone: 800.937.6664
www.omnifilter.com



Models R800, R1100
Quick-Change Water Dispenser/ Icemaker Water Filter

INSTALLATION INSTRUCTIONS

Modelos R800, R1100
Filtro de agua de cambio rápido Quick Change para la máquina de hielo o el dispensador de agua

INSTRUCCIONES DE INSTALACIÓN

Modèles R800, R1100
Filtre à eau pour appareil à glaçons / robinet de porte de réfrigérateur

INSTRUCTIONS D'INSTALLATION

Tools and Fittings Required
- Pencil
- File (copper tubing only)
- Utility knife (for plastic tubing)
- Phillips screwdriver
- Pipe cutter or hacksaw (copper tubing only)
- Towel
- Tape measure

Parts Included
- Filter head with built-in mounting bracket and compression fittings
- 1100R (R1100) or 800R (R800) filter cartridge
- Mounting screws

Optional Materials
- Shut-off valve
- Saddle tap valve with shut-off
- 1/4 inch plastic or copper tubing or flexible hose
- Fittings
- T-Flush valve*
  *Recommended only when used with an icemaker. See diagram (page 3).

Herramientas y conexiones necesarias
- Lápiz
- Lima (para tubo de cobre solamente)
- Cuchillo universal (para la tubo de plástico)
- Destornillador Phillips
- Cortador de tuberías o sierra para cortar metales (para tubo de cobre solamente)
- Toalla
- Metro a rubán

Piezas incluidas
- Cabezal de filtro con soporte de montaje incorporado y conexiones de compresión
- Cartucho filtrante 1100R (R1100) o 800R (R800)
- Tornillos de montaje

Materiales opcionales
- Válvula de cierre
- Válvula de cierre de montura
- Tubo de plástico, cobre o manguera flexible de 6 mm (1/4 de pulgada)
- Conexiones
- Válvula de descarga en T*
  *Se recomienda sólo cuando se usa con una máquina de hacer hielo. Vea el dibujo (página 8).

Outils et raccords nécessaires
- Crayon de bois
- Lime (tuyau en cuivre uniquement)
- Couteau (pour la tube en plastique)
- Tournevis Phillips
- Coupe-tube ou scie à métaux (tuyau en cuivre uniquement)
- Serviette
- Ruban métrique

Parts Included
- Tête de filtre avec patte de montage intégrée et raccords à compression
- Cartouche filtrante 1100R (R1100) ou 800R (R800)
- Vis de fixation

Quincaillerie en option
- Valvula de cierre
- Robinet auto-foirant avec cavet
- Tube de 6 mm (1/4 po) en plastique ou en cuivre, ou tuyau flexible
- Raccords
- Vanne de vidange*
  *Recommandé uniquement pour utilisation avec un appareil à glaçons. Voir schéma (page 12).

The R800 with the 800R replacement cartridge is Tested and Certified by NSF International to NSF/ANSI Standard 42 for the aesthetic reduction of Taste and Odor and Chlorine.

The R1100 with the 1100R replacement cartridge is Tested and Certified by NSF International to NSF/ANSI Standard 42 for the aesthetic reduction of Taste and Odor and Chlorine and Particulate Class I, Standard 53 for the reduction of Cysts, Lead, Lindane, Atrazine, and Turbidity.

El R800 con el cartucho de repuesto 800R ha sido probado y certificado por NSF International bajo la norma 42 de NSF/ANSI para la reducción estética del sabor, del olor y del cloro.

El sistema R1100 con el cartucho de repuesto 1100R ha sido probado y certificado por la NSF International bajo la norma 42 para la reducción estética del sabor y del olor, la reducción de cloro y partículas de Clase I, y bajo la norma 53 para la reducción de quistes, plomo, lindano, atrazina y turbidez.

Le R800 avec la cartouche de rechange 800R a été testé et homologué par NSF International selon la norme NSF/ANSI 42 pour la réduction esthétique des goûts et odeurs de chlore.

Le R1100 avec la cartouche rechange 1100R a été testé et homologué par NSF International selon la norme NSF/ANSI 42 pour la réduction esthétique des goûts et odeurs de chlore et des particules de Classe 1 et selon la norme 53 pour la réduction des parasites, du plomb, du lindane de l'atrazine et de la turbidité.

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

ENGLISH

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.

Model R800

Rated Service Flow:	0.75 gpm (2.8 Lpm)
Filter Capacity:	2,500 gallons (9460 L) or 12 month cartridge life

Model R1100

Rated Service Flow:	0.5 gpm (1.9 Lpm)
Filter Capacity:	500 gallons (1892 L) or 6 month cartridge life

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

CAUTION Turn off water supply to head without cartridge if it must be left unattended for an extended period of time.

NOTE:

- For cold water use only.
- This installation must comply with all applicable state and local regulations.
- 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.
- After prolonged periods of non-use, such as a vacation, it is recommended that the system be flushed thoroughly. Let water run for 2-3 minutes before using.
- The filter cartridge used with this system has a limited service life. Changes in taste, odor, color, and/or flow of the water being filtered indicate that the cartridge should be replaced.

INSTALLATION INSTRUCTIONS

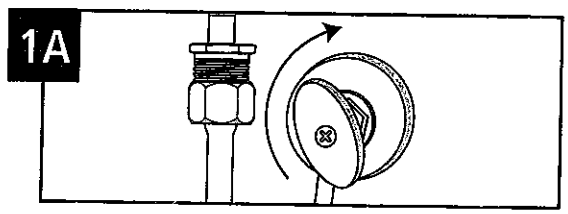
- For standard installation on 1/4-inch copper, plastic or flexible hose cold water line.
- Please read all instructions, specifications, and precautions before installing and using your R800 or R1100 Water Dispenser/Icemaker Filter.
- Instructions refer to standard installation on existing water line to refrigerator. Before installation, make sure there is enough slack in existing water line to allow refrigerator to be moved out from the wall.
- Numbered diagrams correspond with numbered steps.

Installation

1. **Mounting the Filter System**

(A) Turn off the cold water supply to the refrigerator and dispense the water from the refrigerator door until water flow stops to release the pressure in the pipes before starting installation. Place a tray or towels under the cold water line to catch the excess water after the pipes are cut.

NOTE: Before starting installation, turn off the ice maker in the refrigerator and store the ice cubes in a clean container in the freezer.

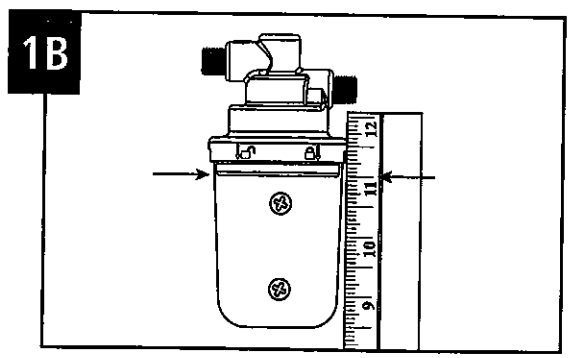


(B) Select location under sink, in basement or near refrigerator where filter is to be mounted.

NOTE: Filter should not be more than 3 feet from the appliance.

NOTE: Allow 1½-inches (38 mm) clearance below housing or 11-inches below filter head to enable filter cartridge changes.

CAUTION Filter head should be mounted on stud or firm surface. The mounting bracket will support the weight of the filter and help prevent strain on the cold water line.



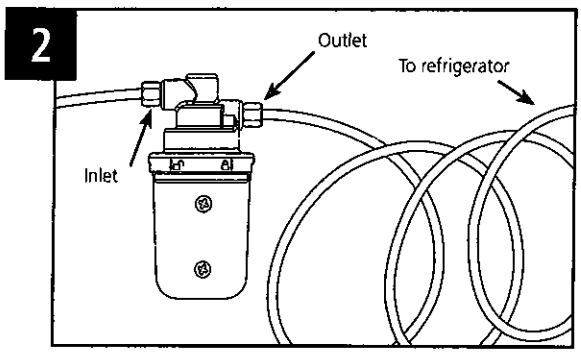
⚠ WARNING DO NOT screw mounting bracket directly onto the refrigerator.

(C) Filter head should be mounted in vertical position. Use mounting bracket as a template to mark screw locations. Mount filter head in marked location using screws.

CAUTION Water supply to the refrigerator should have a separate shut off valve installed before filter. If it does not, a separate shutoff should be installed.

INSTALLATION INSTRUCTIONS *CONTINUED*

2. Cutting or Disconnecting the Tubing
   Use a 8 foot coil (3 coils, approximately 10-inch diameter) of plastic, copper or flexible hose between the outlet of the filter and the refrigerator. Determine the length of plastic, copper or flexible hose needed to connect the inlet and outlet of filter. Using a pipe cutter or hacksaw for copper tubing or utility knife for plastic; cleanly cut tubing or disconnect flexible hose from refrigerator. Leave a minimum of 2-inches (51 mm) of pipe after shut-off valve in case pipe must be re-cut at a later time. Deburr ends of remaining pipe with a file.

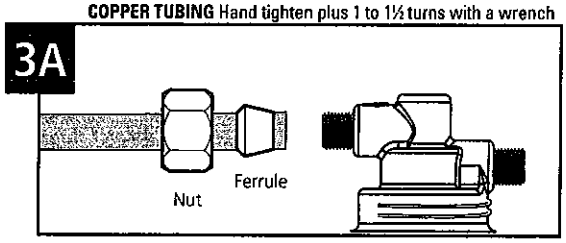


3. Connecting the Tubing and Fittings
   (A) Connecting the Inlet:
   Assemble fittings as shown. Press tubing into fitting until it stops. Hand tighten plus 1 to 1½ turn(s) with a wrench.
   (B) Connecting the Outlet:
   Repeat step A.

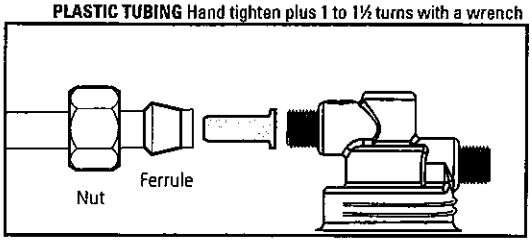
   NOTE: (C) T-flush valve can also be installed after plastic or copper tubing is connected to outlet.

   NOTE: (C) A T-flush valve is recommended only when used with an icemaker. See Diagram below. This valve is installed after the filter, so it can be flushed to remove carbon fines or release pressure before removing cartridge.

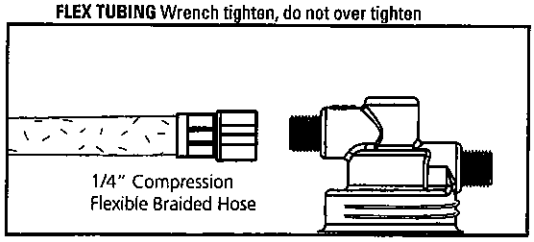
COPPER TUBING Hand tighten plus 1 to 1½ turns with a wrench

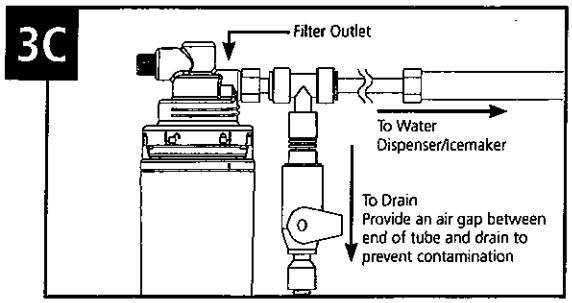


PLASTIC TUBING Hand tighten plus 1 to 1½ turns with a wrench



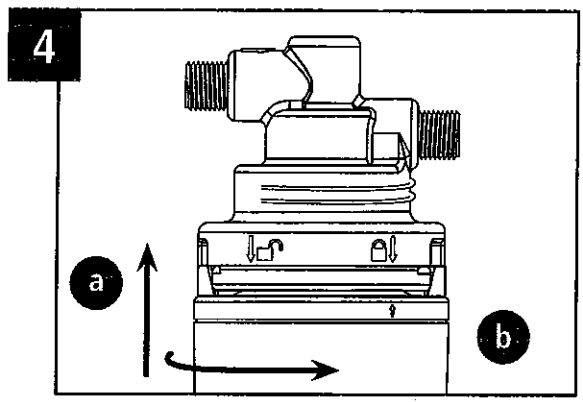
FLEX TUBING Wrench tighten, do not over tighten





T-Flush valve is recommended only when this unit is used with an icemaker.

4. Installing the Cartridge
   (a) Line up arrow on replacement cartridge with the unlocked position on head and insert cartridge and (b) turn arrow to locked position.



5. Putting the Filter into Operation
   (A) Turn on water supply to allow filter to fill with water. Check for leaks. If it leaks, see *Troubleshooting* section.
   (B) Flush filter for 5 minutes through the water dispenser or if appliance is equipped with only an icemaker, through the T-Valve, and discard water.
   (C) Turn on Icemaker.
   (D) Check for leaks before leaving installation. If it leaks, see *Troubleshooting*.

   NOTE: A drinking water cartridge may contain carbon fines (very fine black powder). If your icemaker contains black carbon fines, discard ice.

   NOTE: Initially, filtered water may appear cloudy, if cloudiness in a glass of water disappears from the bottom; fine air bubbles are present. This air within the water will disappear within a few weeks after installation.
   INSTALLATION IS NOW COMPLETE.

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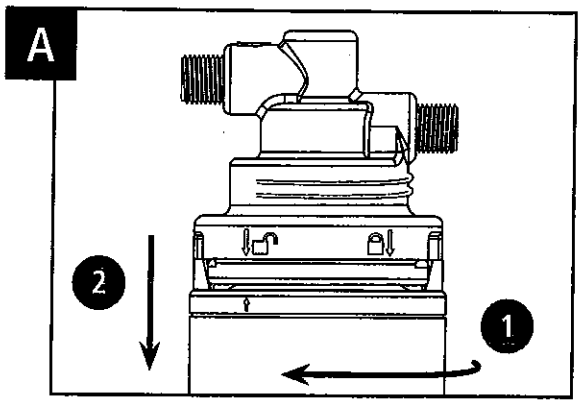
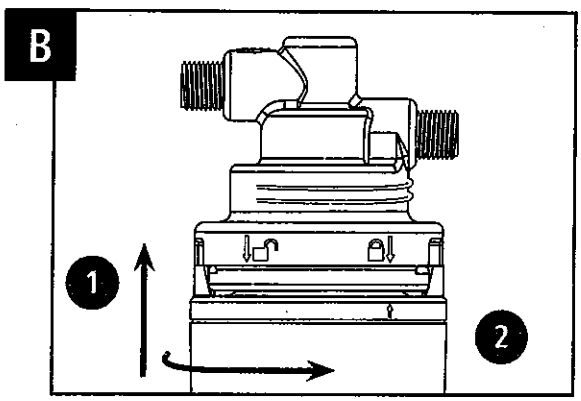
FILTER CARTRIDGE REPLACEMENT

NOTE: We recommend that you change the 1100R cartridge every 6 months and the 800R cartridge every 12 months, or when you notice a change in taste, odor, or flow of the water being filtered.

A) Relieve pressure by turning off water supply to the filter and dispense water from water dispenser or T-flush valve until water flow stops. Place bucket or towel under the system to catch any water drips.
(1) Twist cartridge away from the locked position to the unlock position and (2) remove cartridge.



B) (1) Line up arrow on replacement cartridge with the unlocked position on head and insert cartridge and (2) turn arrow to locked position.



C) Turn on water and check for leaks. If leaks are found, see *Troubleshooting* section in manual, or call OMNIFILTER Customer Service at 800.937.6664.

NOTE: A water cartridge may contain carbon fines (very fine black powder). This will be released during your initial flushing.

D) Flush water through filter for 5 minutes to remove carbon fines. Check for leaks again before leaving installation.

TROUBLESHOOTING

Leaks between head and cartridge

1. Turn off the water supply to the filter and dispense water from refrigerator door or T-flush valve until water flow stops.
2. Remove cartridge and inspect o-rings to make sure they are in place and clean.
3. Install cartridge and turn on water supply. If it still leaks, contact OMNIFILTER Customer Service at 800.937.6664 M-F 7:30 AM-5 PM CST. Turn off icemaker if filtered water goes to icemaker.

Leaks from fittings

1. Relieve pressure by turning off water supply to the filter and dispense water through the refrigerator door or T-flush valve until water stops. For copper or plastic tubing, loosen the compression nut and pull the tubing from the brass fitting. Inspect to see if the ferrule and insert (plastic only) are properly installed on the tubing. If so, reconnect tubing finger-tight, then tighten nut snug about 1/2 to 1 turn with a wrench. Open the water supply valve. If the leaks persist, or if there are other leaks on the unit, turn off the water supply and icemaker, then call OMNIFILTER Customer Service at 800.937.6664. If the fitting does not leak, turn on the icemaker.

PERFORMANCE DATA

Models R800 and R1100

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 ANSI/NSF 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 ANSI/NSF 42 and 53.

800R

Substance	Influent Challenge Concentration	Maximum Permissible Product Water	Reduction		
			Requirements		Average
Standard 42					
Chlorine	2.0 mg/L ± 10%		≥50%		87.8%

Test Conditions
Flow Rate = 0.75 gpm
Filter Capacity = 2500 gallons (9460 L)

Inlet Pressure = 60 psi (4.1 bar)
pH = 7.5±1
Temperature = 68°F ± 5°F (20°C ± 2.5°C)

1100R

Substance	Influent Challenge Concentration	Maximum Permissible Product Water	Reduction		
			Requirements	Minimum	Average
Standard 42					
Chlorine	2.0 mg/L ± 10%		≥50%		99%
Particulates (0.5–<1m) Class I	at least 10,000 particles/mL		≥85%		99.8
Standard 53					
Cysts	Minimum 50,000/L		99.95%	99.99%	99.99%
Turbidity	11 mg/L±1 NTU	0.5 NTU		99.6%	99.97%
Lead (pH 6.5)	0.15 mg/L ± 10%	0.010 mg/L		99.3%	99.3%
Lead (pH 8.5)	0.15 mg/L ± 10%	0.010 mg/L		98%	98.6%
Lindane	0.002 mg/L ± 10%	0.0002 mg/L		97.5%	97.5%
Atrazine	0.009 mg/L ± 10%	0.003 mg/L		97.7%	97.7%

Test Conditions
Flow Rate = 0.5 gpm
Filter Capacity = 500 gallons (1892 L) or 6 months

† Based on the use of microspheres or *Cryptosporidiuim parvum* oocysts
Testing was performed under standard laboratory conditions, actual performance may vary.

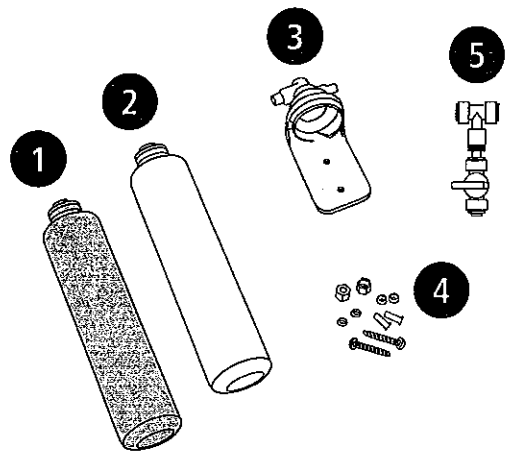
Operating Requirements
Pressure = 30-125 psi (2.1–8.62 bar)
Temperature = 40-100°F (4.4–37.8°C)
Turbidity = 5 NTU Max.

⚠ WARNING Do not use with water that is microbiologically unsafe or 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: Filter must be maintained according to manufacturer's recommendations, including replacement of filter cartridges. The contaminants or other substances removed or reduced by this water treatment device are not necessarily in your water.

REPLACEMENT PARTS

1	155901	800R Filter Cartridge
2	155785	1100R Filter Cartridge
3	144842	Head Assembly
4	144846	Hardware Kit
5	150620	FVK-100 Flush Valve Kit



For replacement parts contact your local OMNIFILTER retailer or call OMNIFILTER Customer Service at 800.937.6664.

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