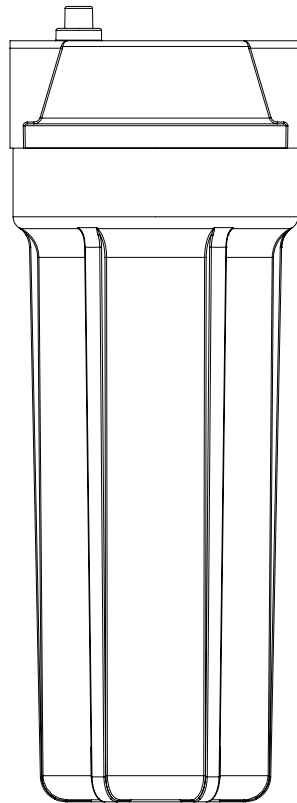


**OMNIFILTER OB6**  
WHOLE HOUSE WATER FILTER  
INSTALLATION AND OPERATING INSTRUCTIONS



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For further operating, installation, maintenance, parts or assistance:  
Call Pentair Customer Service at  
800.279.9404

## OPERATING SPECIFICATIONS

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Pressure Range:..... 25-125 psi

Temperature Range: .....40°F-125°F

Rated Flow\*: ..... 10 gpm

\* Rated flow without cartridge. Performance will vary with type of cartridge used.

## TOOLS AND FITTINGS REQUIRED

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- Pencil
- 2 Adjustable wrenches or pipe wrenches
- File
- Safety glasses
- Pipe cutter or hacksaw
- Pipe threader
- Appropriate fittings and pipe to install filter
- 3/4-inch compression fittings for copper pipe
- Plumber tape
- Screwdriver

### NOTES:

- Galvanized fittings must be used with galvanized pipe.
- Use Plumber Tape for threaded connections

## PRECAUTIONS

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Carefully read and follow instructions.

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

## CALIFORNIA PROPOSITION 65 WARNING

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**WARNING:** This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

**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 five years for clear and every ten years for opaque. 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:

- This filter housing does not include a filter cartridge.
- 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 plumber 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 or open flame near the unit.
- Some harmless bacteria may attack cellulose media cartridges (such as the T01 or RS1). 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.

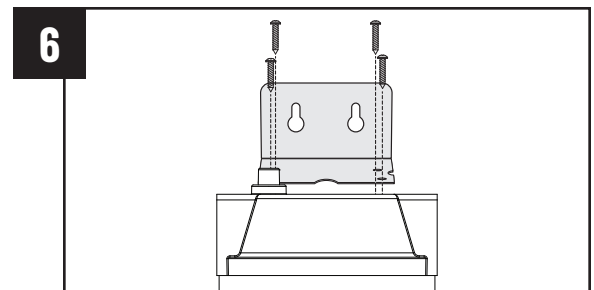
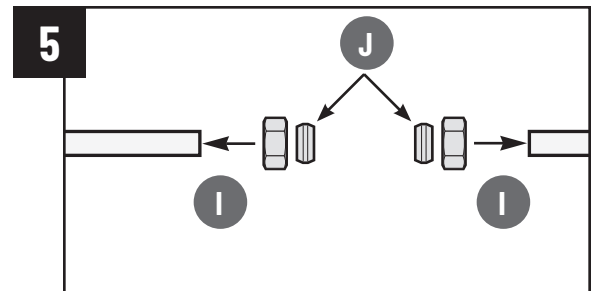
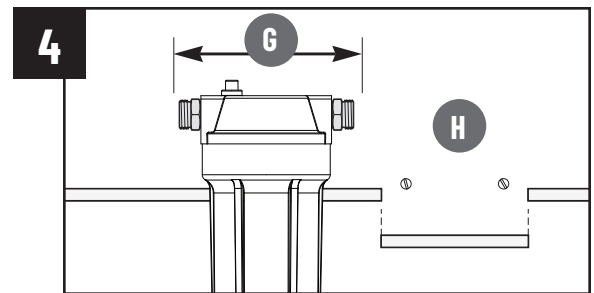
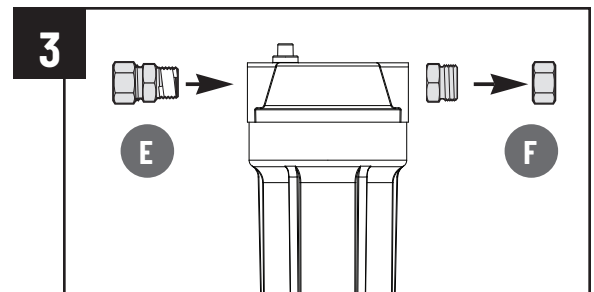
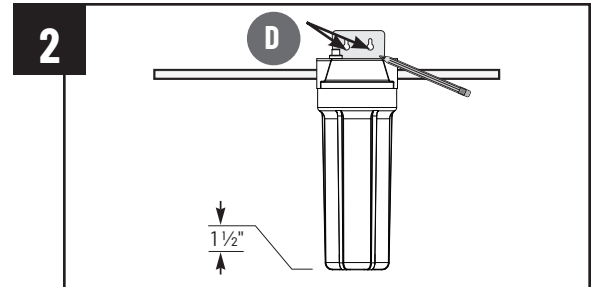
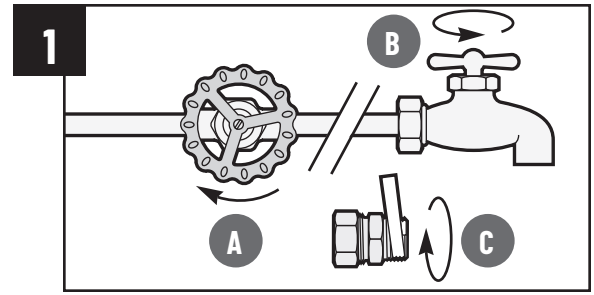
## INSTALLATION INSTRUCTIONS

### NOTE:

- Please read all instructions, specifications, and precautions before installing and using this filter.
- For installation on standard 1/2-inch or 3/4-inch main water line (galvanized, copper or plastic pipe).
- Use only plumber tape for fitting housing connections.
- Install filter cartridge in filter housing according to the filter cartridge replacement instructions (page 5) before proceeding with installation. See Filter Cartridge Selection Guide on page 6 to determine the best cartridge for your filtration needs.
- Install filter after water meter or pressure tank.
- Numbered diagrams correspond with numbered steps.

### INSTALLATION

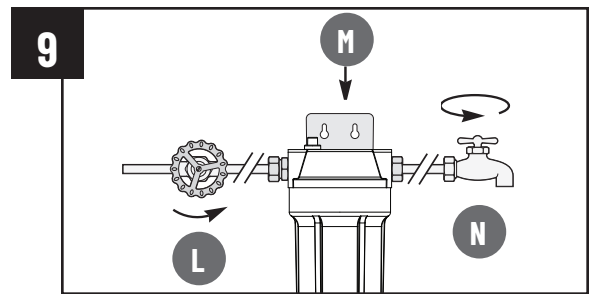
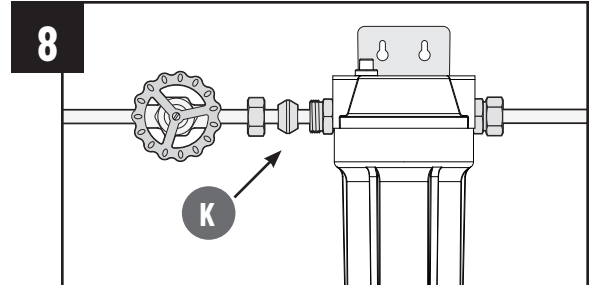
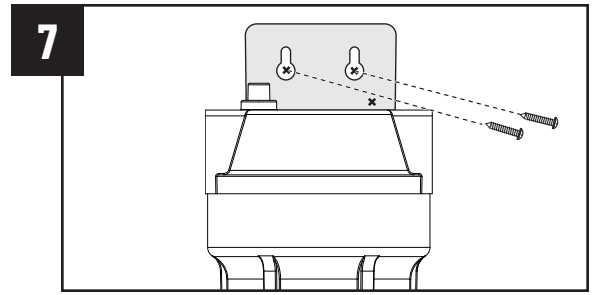
1. (A) Turn off cold water supply and (B) open nearest faucet to release pressure in pipes before starting installation. (C) Apply about 6-inches of plumber tape in clockwise direction to pipe threads of each adapter. Install cartridge in the unit per filter cartridge replacement instructions on page 5.
2. (D) To install the mounting bracket, use bracket as a template to mark screw locations on wall.  
**NOTE:** Allow 1 1/2" clearance below housing to enable filter cartridge changes.
3. (E) Assemble all fittings. Start adapters into cap by hand. Use a wrench to tighten firmly. **DO NOT OVER-TIGHTEN.** (F) Remove compression nuts from fittings.
4. (G) Measure length across assembled fittings and subtract 1-inch for 3/4-inch pipe or 1/2-inches for 1/2-inch pipe. Mark section of pipe to be removed.  
**NOTE:** Approximately 6-inches will be removed for 3/4-inch pipe. (H) Using a pipe cutter or hacksaw, cut pipe and remove marked section. File or sand sharp edges on remaining pipe.
5. (I) Slip a brass compression nut and (J) a brass ferrule onto each end of 3/4-inch pipe.
6. Install the bracket to housing using the four (4) #10-16 x 3/4" pan head screws.



## INSTALLATION CONTINUED

7. Install bracket to mounting surface using the two (2) #10-16 x 3/4" pan head screws.
8. (K) Spread ends of pipe apart to install filter assembly. Using two adjustable wrenches, hold inlet adapter securely with one wrench and tighten with second wrench. Repeat process for outlet adapter. If using mounting bracket, be sure to slip bracket over screws in wall (see step 2).
9. (L) Slowly turn on water supply to allow filter to fill with water, (M) then depress red pressure-relief button on top of cap to release trapped air. Check for leaks before leaving installation. (N) Open nearest faucet and flush cartridge for 5 minutes.

**CAUTION:** If water pipes are used to ground electrical systems, appliances or phones, be certain to install a jumper wire. Contact a qualified electrician with any questions about your home's electrical system.



## FILTER CARTRIDGE REPLACEMENT

- A) (1) Turn off water supply to filter. (2) Depress red pressure-relief button to release trapped air. (3) Remove bottom of housing.

**NOTE:** If turning off water supply to the filter will also turn off water supply to the rest of the home, be sure to fill a bucket of water first to allow you to clean the housing after it has been removed.

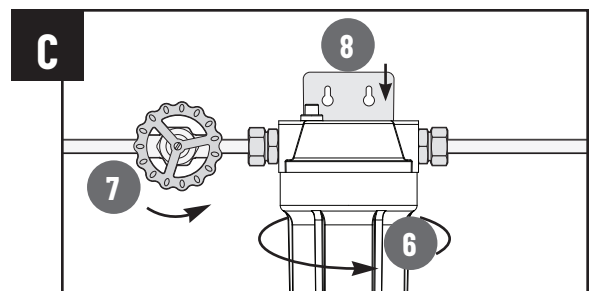
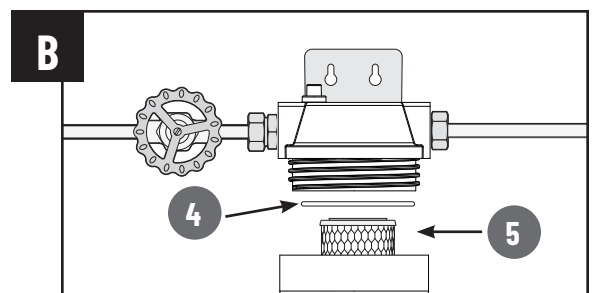
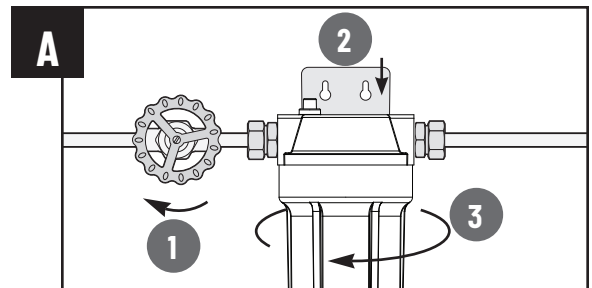
- B) (4) Locate and remove large O-ring, wipe clean of lubricant and set aside. (5) Discard used cartridge. Rinse out bottom of housing and fill about 1/3 full with water. Add about 2 tablespoons of bleach and scrub cap and bottom of housing with nonabrasive sponge or cloth. Rinse thoroughly. Check O-ring for damage. If cut, scratched, or stretched, replace it with a new one. If the O-ring is in good condition, (4) lubricate it with clean silicone grease, insert it back into groove and smooth into place with finger.  
**NOTE:** This step is important to ensure proper housing seal. Make sure O-ring is seated level in the groove. (5) Insert new cartridge over standpipe in bottom of housing.

- C) (6) Screw bottom of housing onto the cap and hand-tighten. DO NOT OVER-TIGHTEN. Make certain cap standpipe slips into cartridge. (7) Turn on water supply slowly to allow filter to fill with water. (8) Depress red pressure-relief button to release trapped air. Flush cartridge for 10 minutes or according to cartridge instructions before use.

Check for leaks before leaving installation.

**NOTE:** After installation, flush the cartridge for 10 minutes or according to cartridge instructions before using the water.

**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:

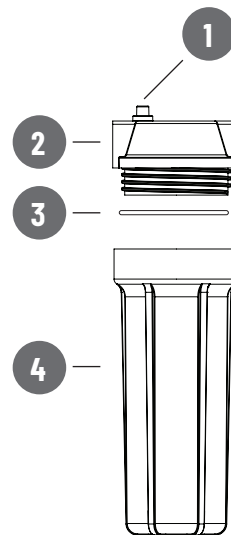
1. Turn off water supply and press the red pressure-relief button. Remove bottom of housing.
2. Clean and lubricate O-ring with silicone grease. Also, clean the groove where the O-ring seats. Place O-ring back in groove below the threads. Screw bottom of housing onto cap and hand-tighten.  
DO NOT OVER-TIGHTEN.  
**NOTE:** Replace O-ring if leak persists or if O-ring appears worn or damaged. Replace O-ring every two years.
3. Turn on water supply. If leak persists, or if there are other leaks on the system, turn off water supply and call Pentair Customer Service at 800-279-9404.

Leaks on inlet/outlet connections:

1. Turn off water supply. For brass fittings, tighten nut snugly about 1/2-turn with a wrench.
2. Turn on water supply. If leaks persist, or if there are other leaks on system, turn off water supply and call Pentair Customer Service at 800-279-9404.

## REPLACEMENT PARTS

| Key | Part Number  | Description              |
|-----|--------------|--------------------------|
| 1   | 151039       | Pressure-relief assembly |
| 2   | SH154428     | Cap                      |
| 3   | OK25-DC6-S18 | O-ring                   |
| 4   | SH153017     | Blue Housing (OB6 Model) |
|     | SH150539     | Wrench (not shown)       |
|     | 4007239      | Bracket Kit (not shown)  |



For replacement parts, call Pentair Customer Service at 800-279-9404.

## OMNIFILTER REPLACEMENT CARTRIDGES

| Cartridge                 | RS1           | RS5          | RS19           | T01    |
|---------------------------|---------------|--------------|----------------|--------|
| Media                     | Pleated Paper | String Wound | Pleated Screen | Carbon |
| Chlorine Taste & Odor     |               |              |                | ◆      |
| Sediment                  | ◆             | ◆            | ◆              | ◆      |
| Filter Capacity (Gallons) | 15,000        | 15,000       | 80,000         | 15,000 |
| Filter Life (Months)      | 3             | 3            | 12             | 3      |
| Flow Rate (GPM)           | 5             | 5            | 10             | 5      |
| Micron Rating             | 20            | 5            | 150            | 5      |

# NOTES

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IOWA Residents Only:

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Store or seller's name

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Address

---

City

State

Zip

Telephone

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Seller's Signature

Date

Customer's Signature

Date

For Pentair Product Warranties visit the website or contact Pentair at the phone numbers below:

Para obtener garantías de productos Pentair, visite el sitio web o comuníquese con Pentair a los números de teléfono a continuación:

Pour connaître les garanties des produits Pentair, visitez le site Web ou contactez Pentair aux numéros de téléphone ci-dessous :

**[Pentair.com/assets/residential-filtration-warranty](https://www.pentair.com/assets/residential-filtration-warranty)**



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