

# INSTRUCTION SHEET – INLINE WATER FILTERS

Models – IN1011, IN1013, IN1015

**Specifications:**

Temperature Range: 40-100 degrees F (4.4-37.8 degrees C)

**Capacity Claims:**

IN1011

3,000 gallons (11,356 liters) @ 0.5gpm (1.9 Lpm)

IN1013

1,500 gallons (5,678 liters) @ 0.5gpm (1.9 Lpm)

**Dimensions:**

IN1011 2"x10" (50.8mm x 152.4mm)

IN1013 2"x10" (50.8mm x 152.4mm)

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

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

CAUTION – Install this inline water filter on cold water lines only. Do not use on water lines exceeding 100 degrees F (32.2 degrees C). Minimum water pressure of 20psi (1.4 bar) and maximum water pressure of 125psi (8.62 bar) is required.

CAUTION – When installing behind a refrigerator or appliance use enough tubing to allow removal of the refrigerator or appliance and to prevent damage to tubing, filter or fittings. Damage to tubing, filter or fittings could cause leakage and or water damage.

**Notes:** Granular activated carbon filters will contain a small amount of carbon fines which is a very fine black powder. Upon new installation filter cartridges should be flushed with water for approximately 5 minutes or until water runs clear before using the water. If the water filter is installed and used for an icemaker application it may be necessary to discard the first tray of ice cubes produced.

In order to clean the exterior of this filter cartridge use only small amounts of regular hand washing soap and water. Do not spray with any other cleaner or insecticides.

Do not install filter near or close to any heat source. Comply with all state and local laws and regulations

**PERFORMANCE DATA:**

Model IN1011

Standard 42 Aesthetic Effects

Influent Challenge Concentration - 2.0mg/L +/-10%

Minimum Percent Reduction 50%

Average Percent Reduction 85.8%

Flow Rate – 0.5 gpm – Capacity 3,000 gallons

Model IN1013

Standard 42 Aesthetic Effects

Influent Challenge Concentration - 2.0mg/L +/-10%

Minimum Percent Reduction 50%

Average Percent Reduction 85.8%

Flow Rate – 0.5gpm – Capacity 1,500 gallons

NOTE: Model IN1015 have been tested for materials and structural integrity requirements only.

**Precautions:**

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

NOTE – Substances reduced are not necessarily in your water. Filter must be maintained according to manufacturer's instructions, including replacement of filter cartridges.

**Test Conditions:**

Flow as noted for filter system

Inlet Pressure 60 psi (4.1 bar)

pH 7.5 +/- 1

Temperature 68 degrees +/- 5 degrees F  
(20 degrees C +/- 2.5C)

**Operating Requirements:**

Pressure 20 – 125 psi (1.4 – 6.62 bar)

Temperature 40 – 100 degrees F  
(4.4 – 37.8 degrees C)

Turbidity 5 NTU Maximum

**Replacement Cartridges:**

Contact your local TST Water dealer for replacement filters.



The IN1011, IN1013 models are Tested and Certified by NSF International against ANSI/NSF Standard 42 for the reduction of chlorine taste and odor

The IN1015 models are Tested and Certified by NSF International against ANSI/NSF Standard 42 for materials and structural integrity requirements

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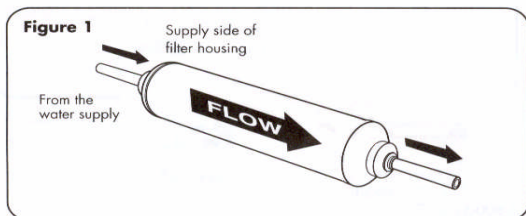
**INSTALLATION** - The system and installation must comply with all state and local laws and regulations.

**“Do not use where the water is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system”**

To install the filter follow the below instructions.

1. Turn off the cold water supply.
2. Locate an easily accessible location or section of tubing where you want to install the filter.
3. Cut the tubing using a tube cutter – ensure that the edges of the cut tube are clean and free from sharp edges or burrs (use steel wool or a file if required on copper tubing). Do not cut tubing on an angle as this may cause the unit to leak during service.
4. NOTE that there is a directional flow arrow on the filter. The incoming water should be routed to the inlet and the filtered water should be coming from the outlet or arrow head end of the flow arrow. Figure 1
5. If installing the threaded opening filter, follow the below instructions otherwise skip to #7 below
  - a. Choose appropriate ¼”NPT fittings to install in the filter
  - b. Wrap two to three wraps of Teflon tape around the fitting and install snugly into the end of the filter.
  - c. Take care not to damage the filter with tools during the install of the fittings themselves.
  - d. Install supply side tubing according to fitting manufacturers instructions.
  - e. Skip to #7
6. Insert supply tubing (1/4” copper or plastic) into the end of the filter. Push firmly until the tubing bottoms out.
7. Turn on the water supply. Hold the filter over a bucket or other suitable container and flush until the water runs clear.
8. TURN WATER OFF
9. Repeat step 5d or step 6 for the outlet side of the filter, making sure to install the tubing firmly and until it bottoms out in the fitting or according to the fitting manufacturers instructions if using another fitting from another manufacturer.
10. Turn the water supply back on and check immediately for leaks.

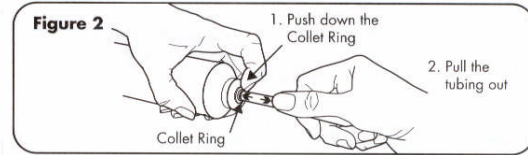
Important: The operational, maintenance and replacement requirements must be followed for this unit to perform as sold.



## Replacement:

1. Turn off the cold water supply.
2. Remove the tubing from the ends of the filter
  - a. See figure 2 if using the built in quick connect fittings -1

3. Trim off a short section of tubing on both ends
4. Install the new filter. Refer to the “Installation” section of this document and Figure 1.



## Notices:

- Install this filter on cold water only. Do not use on water lines exceeding 100°F (38°). Water pressure minimum is 20psi and the Maximum is 125psi.
- Protect the unit from direct sunlight and freezing temperatures below 35°F.
- Avoid exposure of filter housing to external heat or flames.
- Do not use pipe dope or similar compounds as they can damage the plastic housing.
- Keep unit clean with simple soap and water. Do not use insecticides or spray cleaners on or near unit.
- Intended for indoor use only.
- For extended periods of non-use, turn water off and dispose of filter. Replace with new filter prior to turning back on water supply.
- Safety glasses should be worn during installation.
- Tubing and hose dimensions are based on outside diameters. For water line sizes other than ¼” consult a plumber or water treatment professional.
- Before using the water, flush the new filter for 15 minutes.
- Change the cartridge at manufacturers suggested interval or sooner if you notice a change in taste, odor or color of the water or low water pressure.



**TST Water, LLC**  
The "Total Solution Technology" Company