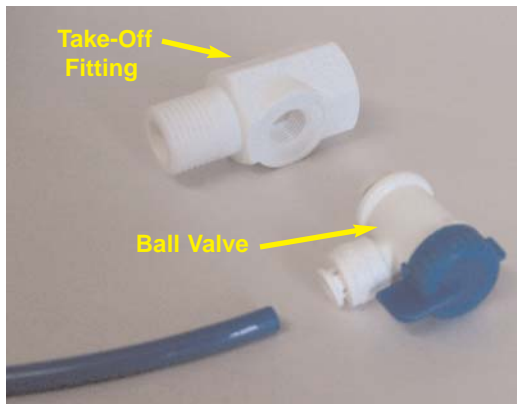
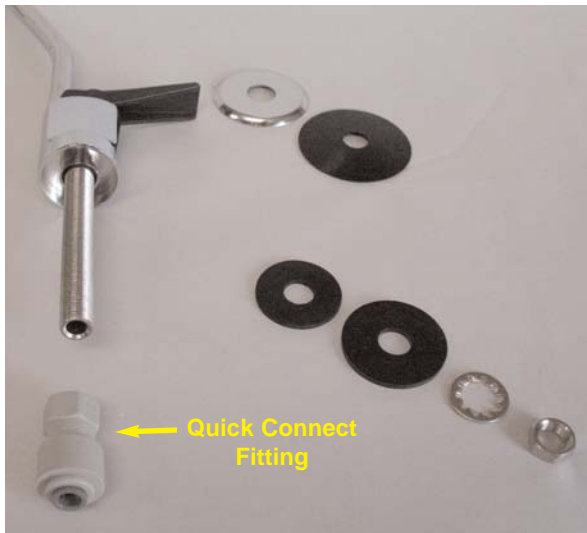


Lakota Scientific Water Filter Installation Instructions

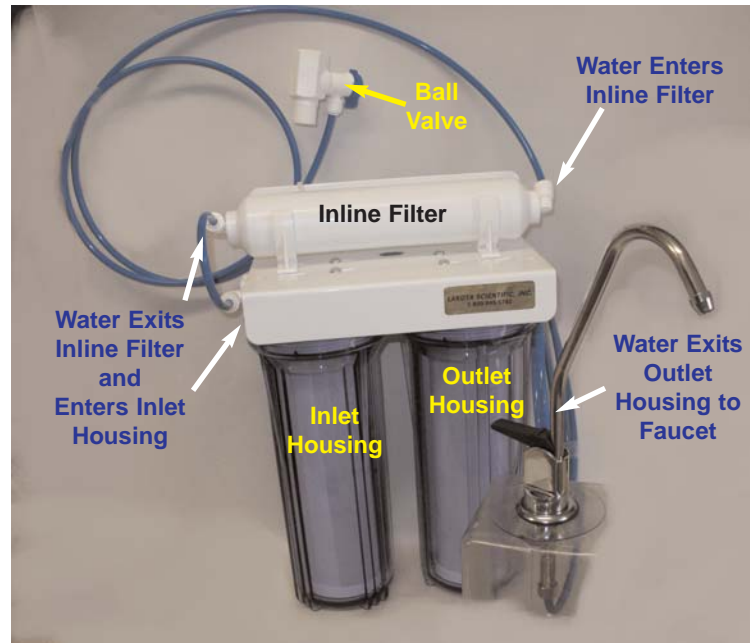
1. Install Faucet

- ▼ Drill 7/16" hole (1/2" will work) in the sink rim or counter top.
- ▼ Tighten the nut from underneath while someone holds the faucet in the desired position
- ▼ Screw quick connect (QC) fitting onto the threaded end of the faucet stem.
- ▼ Push tubing firmly up into QC fitting.



3. Connect Housings

- ▼ Screw housings onto the unit top, if not already in place.
- ▼ Be sure that "O" rings are seated properly in the groove just below the open end of the housing.

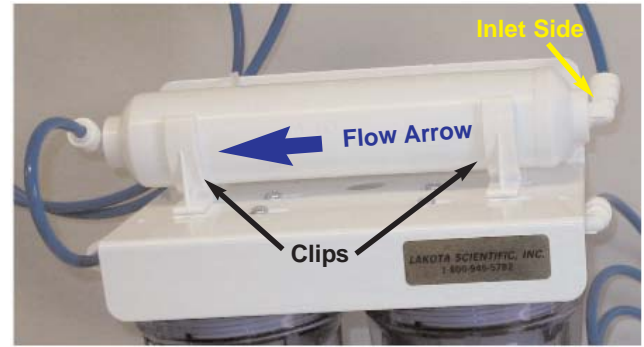


2. Install Take-Off Fitting (or saddle valve)

- ▼ Unit comes with a 1/2"x1/2"x1/4" "take-off fitting" and ball valve.
- ▼ Insert fitting into the cold water line that goes to your kitchen faucet. There should be a flexible, braided metal line from the faucet to a cold water shut off valve. The end of the flexible braided metal line nearest the faucet should be a 1/2" x1/2" screwed connection. Unscrew it and insert the take-off fitting.
- ▼ If the plumbing does not allow for this, you may need to use a saddle valve instead of the take-off fitting. Call Lakota Scientific in this event and we will send one to you at no charge.

4. Attach Tubing to Unit

- ▼ Attach tubing from the ball valve to the Inlet side of the Inline Filter. **SEE FLOW ARROW**
- ▼ Connect tubing from the faucet to the out port (Outlet Housing) on the water filter.
- ▼ Push tubing into fitting until it stops
- ▼ Push another 1/4" into fitting to secure tightly.
- ▼ Pull on tubing to be sure of tight fit
- ▼ To release tubing, push on small plastic ring while pulling back on tubing.



5. Hang Filter

- ▼ Two screws are provided to hang the filter.
- ▼ Keep full length of tubing so filter can be removed easily for cartridge replacement.
- ▼ Be sure tubing **DOES NOT** become crimped. Route tubing carefully, attach to the wall of the under counter space if possible.

6. Starting Up

- ▼ Open the water supply cold water valve.
- ▼ Open the valve to unit.
- ▼ Push the faucet handle up for continuous flow
- ▼ Adjust ball valve setting for desired flow rate. Flow should be between 1/2 gallon per minute (GPM) and 1 GPM. Divide ounces of water flow by seconds to get ounces per second. Divide this number by 2.13 for GPM or multiply the number by .47 for GPM.
- ▼ Be sure "O" rings are seated properly before reassembly. Applying a little Vaseline will make them stay in place.
- ▼ After installing new filters, always run water through unit for at least five minutes before use.

Trouble Shooting

- ▼ Call Lakota Scientific if you have problems. See parts label at right.



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