

UNIT LABEL

ACCEPTED
 JUL 21 1973
 UNDER THE FEDERAL INSECTICIDE
 FERTILIZER AND SOIL CONDITIONER ACT
 FROM REGISTERED PRODUCT LISTING
 BY ORDER NO. 38052-1

BOX LABEL

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bacteriostatic
 water **TONICIZER** unit

For proper use read directions with unit

EPA Reg. No. 38052-1	EPA Est. No. 38052-FL-01
ACTIVE INGREDIENTS Metallic Silver 1.05%	DISPOSAL: When cartridge is exhausted, wrap in newspaper and discard with trash.
INERT INGREDIENT 98.95%	

CAUTION: KEEP OUT OF REACH OF CHILDREN

Net Contents 1 Bacteriostatic Water Unit

Manufactured by Water Purification Industries, Inc. Ft. Lauderdale, Fla.

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Bacteriostatic WATER TONICIZER™

DIRECTIONS FOR USE

General Classification: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

1. What Bacteriostatic Water Tonicizer does for you and your family.

Your Bacteriostatic Water Tonicizer improves the quality of water that flows from your faucet. It has been designed to process municipally treated tap water in homes and apartments.

This unit contains a filter bed consisting of a silver impregnated activated carbon media and "MICROGARD", a fine screen with a pore size capable of retaining particles greater than 0.000018 inch which is less than 1/100th the diameter size of a human hair. It has been thoroughly tested for a 2500 gallonage to insure that silver concentration in treated drinking water will never exceed the maximum level of 50 parts per billion for potable water.

To render the tap water processed through the unit clear and fresh tasting, the specially treated activated carbon removes chlorine, rust, silt, color and odor; and at the same time, oligodynamic silver ions inhibit the growth of bacteria trapped or retained within the filter element. The unit is capable of treating two gallons of water daily for drinking and cooking for a period of three years before the gallonage limitation has been reached and the unit must be replaced.

2. Delicious water makes delicious refreshment.

Bacteriostatic Water Tonicizer brings out the natural flavor in just about everything requiring water in its preparation. Make it a point to use our treated water to....

- | | | |
|-----------------|------------------------------|-------------------------|
| . Brew coffee | . form ice cubes | . Cook gourmet dishes |
| . make tea | . hydrate dried milk | . fix delicious soups |
| . mix drinks | . make frozen juices | . make carbonated water |
| . dilute syrup | . prepare baby food | . whip up hot chocolate |
| . make lemonade | . enjoy plain drinking water | |

3. Your separate Gooseneck Faucet -- a means of conservation.

A separate faucet has been installed to stretch your supply of treated water as far as possible. No water need be wasted on dishes, pots and pans. Incidentally, when you press the LEVER DOWN, water flows until you release it. When you flip LEVER UP, water flows indefinitely.

PRACTICAL POINTERS

FLOW RATE -- we recommend a half gallon per minute for best results. That's 30 gallons per hour. You can regulate flow rate by adjusting the Line Tapping Valve under the sink.

STORAGE -- your unit is usually tucked under the sink. Don't jam anything close to it that might lead to accidental yanking of hose connections.

31052-1

EXTENDED ABSENCES & MINIMAL USE -- after you've been on vacation, or been away at least 72 hours, or simply haven't run your unit very much, the first water out of the faucet can sometimes have an unwanted odor. Don't worry -- your unit is O.K. When water is trapped and stagnant for any extended period, this often happens. Simply backwash before starting to use it again.

CLOUDY ESS -- if it occurs, the most likely cause is an air pocket. This may occasionally be generated by a pressure surge within the water line. Just let the unit run until it clears itself.

PARTS -- almost nothing can break unless you deliberately abuse the unit. If you ever need plastic hose, nuts, ferrules and the like, the most convenient solution is your local hardware store. If it's a broken part on your Gooseneck Faucet, contact your dealer or the company direct.

PREMATURE SLOW FLOW -- on occasion you may notice a very early slowdown. This usually means a piece of solid matter has stuck in the Tapper Valve. It has a handle on it to control flow. Here's what to do.

1. Turn Tapper Valve handle under the sink all the way clockwise (shutting off flow completely).
2. Next, re-open it to maximum flow (all the way counterclockwise). The rush of water will help dislodge the foreign matter.
3. Finally, turn handle slowly back clockwise to normal rate of flow.

BACKWASH AT LEAST ONCE A WEEK.

A unique KLEENAWAYTM backwash has been built into your unit. Use it faithfully and your unit will operate at top efficiency.

Why weekly? Because most of us live "by the week". So if you set a particular evening to backwash, you'll probably remember to. However, there's no objection to backwashing more often. Daily, if you'd like.

What does "backwash" mean? Simply that you reverse flow direction.

What does backwash accomplish? It flushes accumulated dirt, rust, sediment, and other impurities right out of the carbon bed. It prevents it from clogging.

Post direction on "How To Backwash" on the inside cabinet door nearest your unit. Follow the simple instructions. Run a weekly backwash about 20-30 minutes.

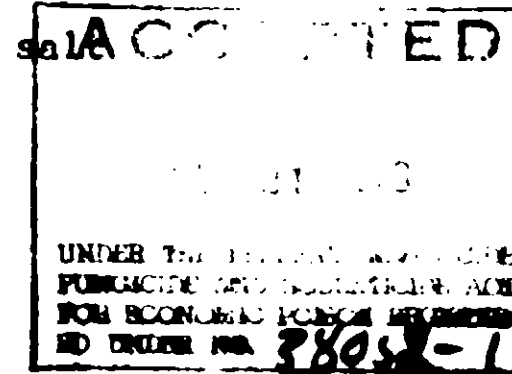
Bacteriostatic Water Tonicizertm

INSTALLATION INSTRUCTIONS

Flow Rate (recommended) 0.5 gpm Operating Pressure (Maximum) 80 psi

Bacteriostatic Water Tonicizertm has been designed primarily for installation under a sink. It may also be installed in-line to service any type of dispenser that is supplied from the cold water line. For this purpose, or to feed filtered water to an automatic icemaker, a "Tee" may be installed in the plastic tubing between the unit and the faucet.

Do NOT make a connection to a hot water, deionized, distilled or salt water source.



PREPARATION

You May Need These Tools

- | | | | |
|-----------|----------------|-------------------------|-----------------------|
| 1. Hammer | 4. 1/4" Bit | 7. 1/2" Open End Wrench | 10. Flashlight or |
| 2. Punch | 5. 7/16" Bit | 8. 9/16" " " " | Trouble Light |
| 3. Drill | 6. Screwdriver | 9. Masking Tape | 11. Adjustable Wrench |

Remove all objects and obstructions below sink. Lay newspaper on floor of cabinet -- to catch drill shavings and detect leaks easily.

Have a pan or pail handy -- when you tap cold water pipe, catch any drippings.

Install unit vertically -- on floor or base shelf of sink cabinet, and against a side wall. Place it far enough forward so it will be easy to reach Control Valve Handles when unit is in use. Follow sequence of steps outlined below.

STEP 1 -- Install Separate Gooseneck Faucet

- Select its location -- on left or right side, one or two inches off rim. Make sure: (a) There are no obstructions under the sink directly beneath it. (b) That you can set your unit almost directly below. (c) Regular faucet swing will not collide with gooseneck. (d) No part of unit will get closer than 6 inches to a heating pipe, radiator or hot water line. (Remember, tubing is plastic).
- An accessory hole may be available for the extra faucet on some newer sinks. Use it -- you'll probably need a chrome-plated washer, 1 1/2" in diameter, with a 1/2" center hole. Get it at any hardware store.
- If it is necessary to drill a hole, pick the exact spot first. On an enameled sink, cover spot with masking tape (prevents chipping). On a metal sink or countertop, center punch a mark to prevent drill from walking.
- FIRST drill a small pilot hole with 1/4" bit. THEN drill out full 7/16" hole.
- Gooseneck Spout -- make sure it's seated firmly in faucet housing. Turn it clockwise until you feel it's all the way in. It should be free to swivel.
- Remove nuts and washers from threaded faucet shaft. Take out plastic ferrule or sleeve nut (DON'T LOSE IT). Leave rubber washer seated against underside of housing.
- Insert threaded faucet shaft into 7/16" hole. Make sure rubber washer is

water source.

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UNDER THE PROVISIONS OF THE
PURCHASE AND INDUSTRIAL ACT
FOR ECONOMIC POLICY MEASURES
NO ORDER NO. 38051-1

Remove all objects and obstructions below sink. Lay newspaper on floor of cabinet -- to catch drill shavings and detect leaks easily.

Have a pan or pail handy -- when you tap cold water pipe, catch any drippings.

Install unit vertically -- on floor or base shelf of sink cabinet, and against a side wall. Place it far enough forward so it will be easy to reach Control Valve Handles when unit is in use. Follow sequence of steps outlined below.

STEP I -- Install Separate Gooseneck Faucet

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- Remove nuts and washers from threaded faucet shaft. Take out plastic ferrule or sleeve nut (DON'T LOSE IT). Leave rubber washer seated against underside of housing.
- Insert threaded faucet shaft into 7/16" hole. Make sure rubber washer is between bottom of faucet and top of sink....Down below, slide washers back on shaft. The smooth metal washer goes on first, the toothed lock washer next. Screw on shaft nut and tighten by hand. Give it a final gentle half turn with 9/16" wrench -- very, very gently. Flip handle UP (open) and leave it in that position.

STEP II -- Install Line Tapping Valve To Cold Water Line

- Turn off cold water supply valve.
- Turn Tapping Valve handle left until piercing needle is fully retracted into body. If not, you may break it. Seat rubber gasket securely around end of valve shaft.
- Insert valve shaft into a saddle bracket from convex side.

4. Pick a point as high as possible on cold water line to tap in. This helps prevent accidental hitting of connections during housewife's daily use of storage space.
5. Insert the two long screws. Place saddle bracket across cold water pipe. Face other bracket opposite, inserting screws and putting nuts on them.
6. Clamp valve around cold water pipe by tightening each screw alternately -- gradually -- with EQUAL pressure (It's important).

STEP III -- Interconnections: unit to faucet & tapping valve.

1. You have now installed the Gooseneck Faucet and the Line Tapping Valve. The next step is to connect each of these to the unit, itself.

Inlet and Outlet connections to the Control Valves are clearly labeled.

2. Connect the faucet to outlet with plastic tubing. Connect Line Tapping Valve to Inlet similarly. Follow the instructions below in making hose connections. All are done identically.

STEP IIIA -- How To Make Hose Connections.

1. When cutting hose to size, allow about 4" to 6" slack. This will make it easier to move unit when working under sink -- with less danger of yanking out fittings.
2. Slide large compression nut (D) on to plastic hose (E). Then slide on small plastic ferrule (C). Make absolutely sure the smaller end faces toward the end of shaft or fitting (vitally important!). Push brass insert (B) into open end of hose.
3. Push this assembly into hole at end of shaft or fitting until it SEATS firmly. As you do this, keep jamming hose in to be sure it stays seated as you work. This is necessary to prevent leaks. Avoid kinking the hose.
4. Tighten compression nut over male fitting by hand. Then finish off -- GENTLY -- with $\frac{1}{2}$ " wrench.
5. Test each connection -- by pulling on hose with moderate force. If it pulls out, start all over again to make connection.

STEP IV -- Final Checkout.

1. Test all hose for secure, leak-proof seat.
2. Place Control Valves in backwash position.
3. Open Gooseneck Faucet -- flipping handle UP.
4. Turn on regular sink faucet -- very, very slowly. This sequence of Steps 3 and 4 is quite important. It will help prevent air pockets from forming in unit. They make water cloudy or milky.
5. Pierce cold water line by turning Tapping Valve handle right (clockwise). Next, turn it very, very SLOWLY left (open) until you hear water running into unit. NOW turn off regular sink faucet. Let unit fill up.

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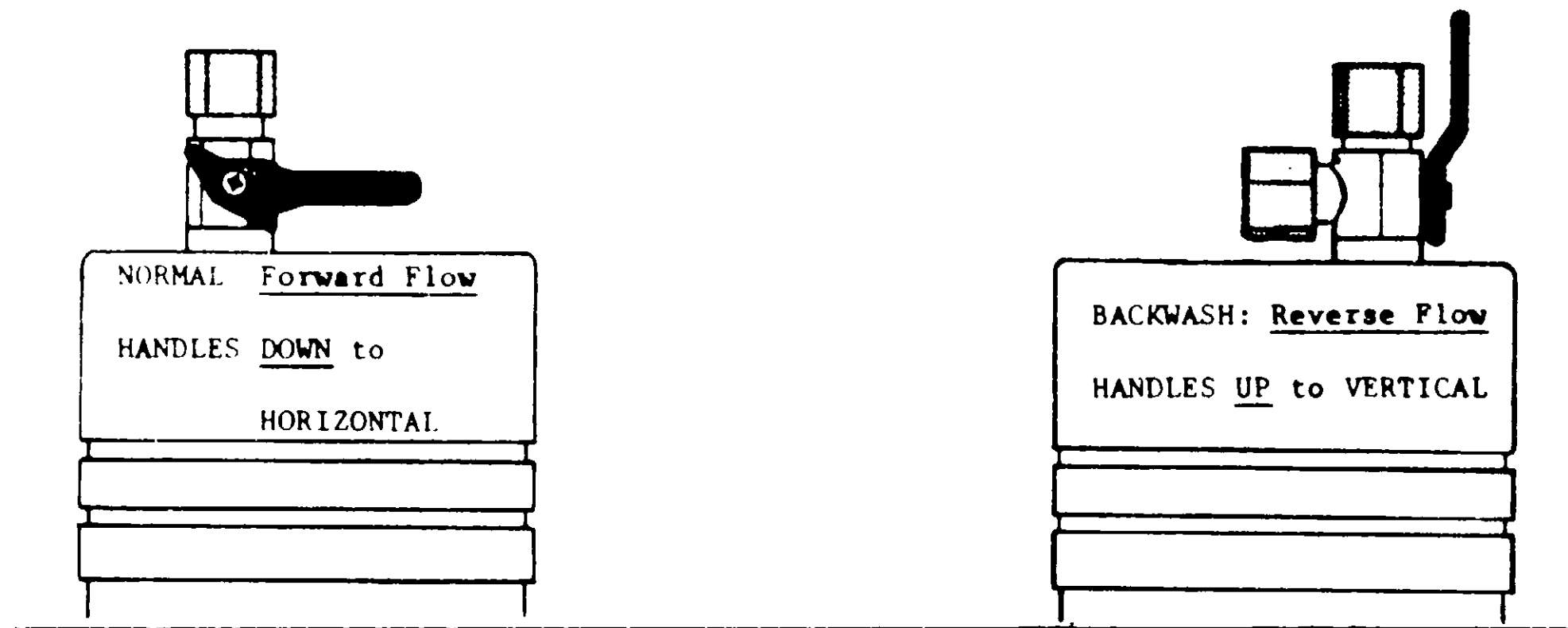
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5. Pierce cold water line by turning Tapping Valve handle right (clockwise). Next, turn it very, very SLOWLY left (open) until you hear water running into unit. NOW turn off regular sink faucet. Let unit fill up.
6. Water should flow black at first as carbon dust is backwashed out. When it runs clear, turn off Gooseneck Faucet. With no water running, place Control Valves in forward flow position. Turn Gooseneck Faucet back on.
7. If you see any grayness at first, it would be air bubbles. Run the unit until it clears.
8. Shut unit off. Re-check all hose connections. Re-open faucet. Now adjust Tapping Valve to desired rate of flow. The slower you run the unit, the more efficiently it filters. We recommend about $\frac{1}{2}$ gallon per minute (30 gallons per hour).



HOW TO BACKWASH
FOR GREATER EFFICIENCY & SERVICE

1. TURN OFF GOOSENECK FAUCET -- MAKE SURE NO WATER IS RUNNING.
2. FLIP BOTH CONTROL VALVE HANDLES UP TO VERTICAL.
3. TURN ON GOOSENECK FAUCET (HANDLE UP).

RUN ABOUT 5 MINUTES -- IF YOU BACKWASH NIGHTLY.
RUN ABOUT 20-30 " -- IF YOU BACKWASH WEEKLY.



NEVER CHANGE POSITION OF VALVE HANDLES WHILE WATER IS RUNNING.
"WATER HAMMER SHOCK" CAN DAMAGE UNIT.

4. TURN OFF GOOSENECK FAUCET.
5. FLIP BOTH CONTROL VALVE HANDLES BACK DOWN BEFORE USING.

WE RECOMMEND: BACKWASH EVERY EVENING BEFORE YOU RETIRE.

