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transferred from 1258-1084 transferred from 36333-1

AQUALUX® BACTERIOSTATIC WATER PROCESSOR

Model NB

CAUTION

KEEP AGC-7 CARTRIDGE OUT OF REACH OF CHILDREN WHEN NOT IN USE.

DISPOSAL

When AGC-7™ cartridge is exhausted, wrap in newspaper and discard with trash.

REFER TO INSTRUCTIONS FURNISHED WITH UNIT FOR PROPER INSTALLATION AND USE.


ACTIVE INGREDIENT:
Silver (as silver chloride) 0.936%

INERT INGREDIENTS: 99.064%

EPA Reg. No. 36333-1 EPA Est. No. 1019CT-1

net contents: one Aqualux Water Processor

AQUALUX WATER PROCESSING COMPANY
DIVISION OF ELECTROLUX
COLONY PLAZA BUILDING
6451 NO. FEDERAL HIGHWAY
FORT LAUDERDALE, FL 33308

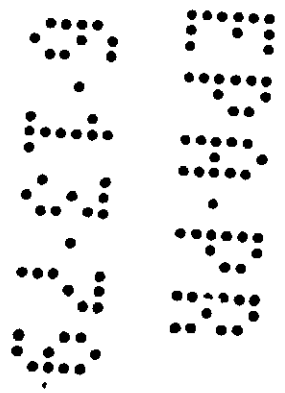
 **A CONSOLIDATED FOODS COMPANY**
RESPONSIVE TO CONSUMER NEEDS.®

Pat. Pend.

ACCEPTED

JUL 20 1979

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND ROBOTICIDE ACT
FOR ECONOMIC POISON REGISTERED
BY TRADE NO.



207816

Pre Filter

aqualux™
bacteriostatic water processor

Pat Pend
Model HB

Sub Micron Filter

Sub Micron

Pre Filter Indicator



ACCEPTED

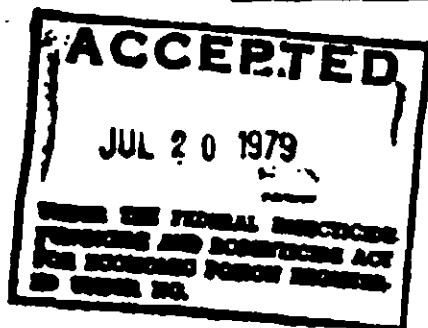
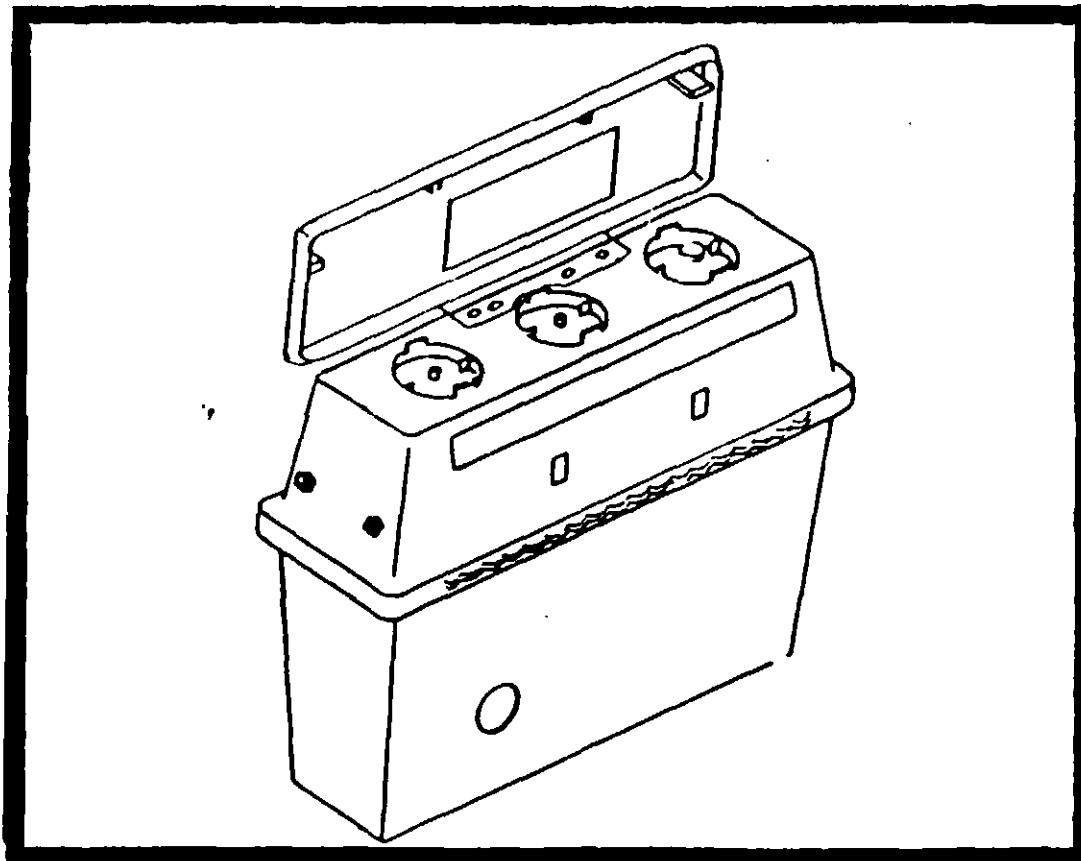


aqualux™

bacteriostatic water processor

MODEL HB

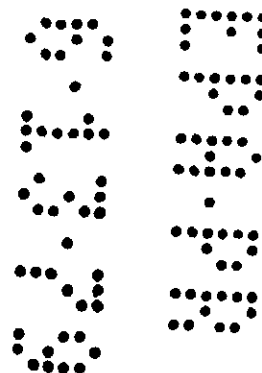
MANUAL



Aqualux Water Processing Company
Division of Electrolux
1040 Bayview Dr., Ft. Lauderdale, Fla. 33304

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GENERAL CLASSIFICATION: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

I. The AQUALUXTM Bacteriostatic Water Processor Model HB in Action

The AQUALUXTM Bacteriostatic Water Processor (patent pending) is a unique water unit designed to remove many of the things in your drinking water which make it murky, give it a bad odor, or make it bad tasting. Each step in the unit is designed to fulfill a specific function:

1. Pre-Filter: This filter removes many of the solids that make your water murky, such as silt, flakes, or rust and dirt. This filter also protects the next filter in the system from clogging prematurely.
2. Sub-Micron Filter: This filter is so fine that it removes algae, cysts, and spores, and other particles smaller than 1.0 micrometers (.0000394"). It removes all significant particulates that contaminate many water supplies.
3. AGC-7TM Cartridge: Now that your water has been thoroughly filtered, it travels through the most important process stage of all, the AGC-7TM cartridge. Its job is to remove color, undesirable tastes, odors, and chlorine, while giving a final "polish" to the water.

II. Specifications

Flow rate: Nominal - 0.75 gpm.

Operating pressure: 30 to 50 psi. A preset pressure regulator is provided and must be installed at the inlet.

Unit dimensions: 17 1/4" W, x 5 3/4" D x 13 1/4" H.

Materials: Cartridge holders: acetal copolymer. Case: ABS. Tubing: polyethylene.
Fittings: Brass.

The Water Processor is designed for use only on an approved potable water system. It is usually installed between any convenient cold water pipe and the kitchen sink. Typical locations are under the sink, in a cupboard or storage room near the sink, or in the basement below the sink.

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III. Filter Life

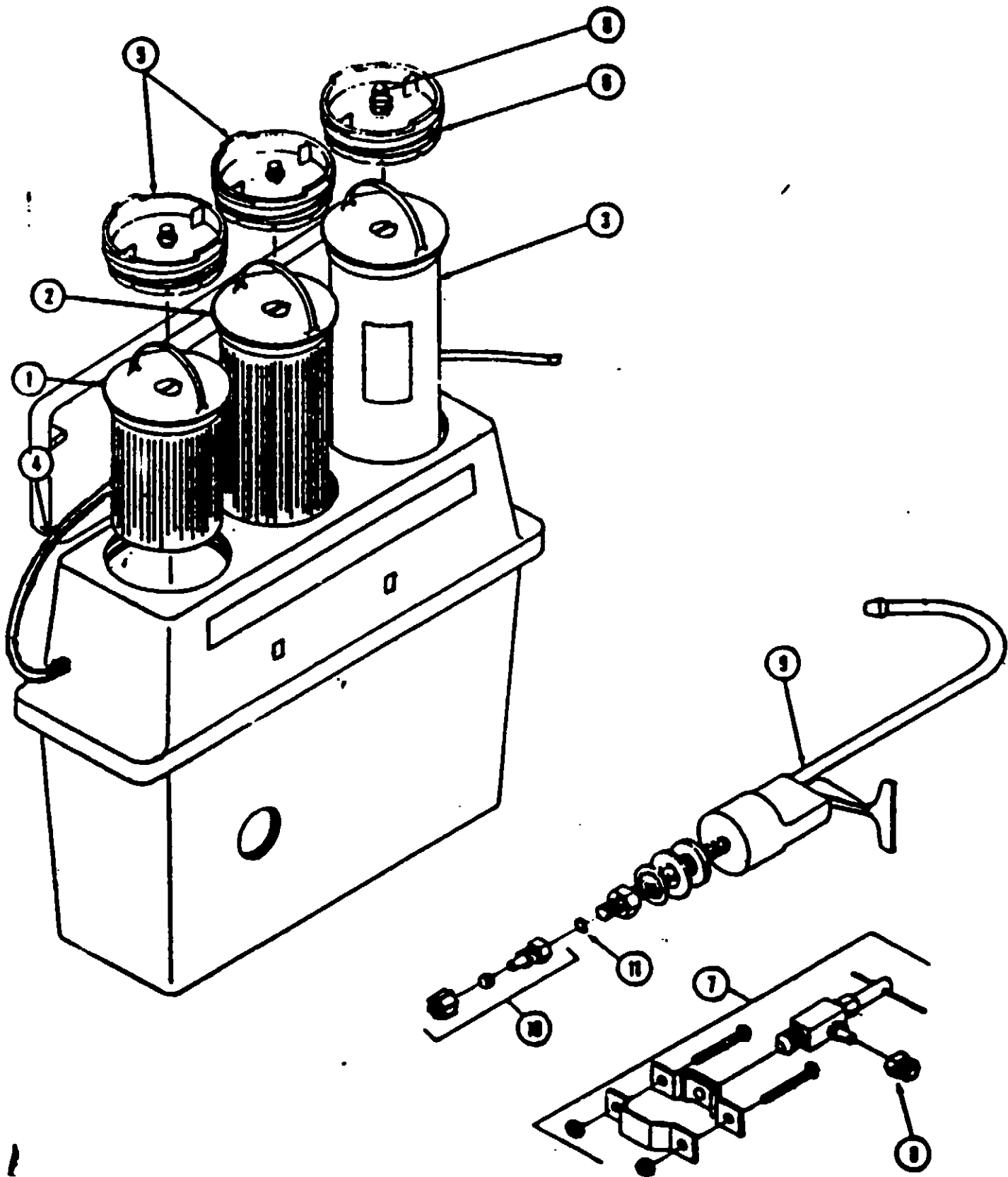
The life of both the pre-filter and the sub-micron filter will vary from place to place -- and from season to season during the year. The filters are specifically designed to remove particles in your water, and if your water is heavily loaded with particulates, the filter life will be shorter than it is in areas where cleaner water is supplied.

Each filter chamber is fitted with a unique device that has been designed to tell you when the filter has become clogged to the point that it needs replacement. When you experience slow flow, you need only look at the front of the unit to see which indicator window is showing the full red flag. That is the filter than needs changing.

IV. AGC-7TM Cartridge Life

Because the function of the AGC-7TM cartridge is so important, a precision meter is in the processor. At any time, the AGC-7TM cartridge meter dial on the front of the processor will give you a clear indication of the relative capacity remaining.

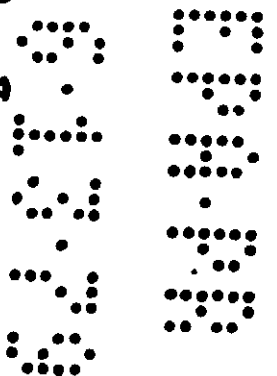
As the life of the AGC-7TM cartridge is a function of gallons treated, the time period between AGC-7TM cartridge changes will vary with use patterns. When its capacity (3000 gallons) is used up, the indicator arrow will be in the red zone, showing that the AGC-7TM cartridge must be replaced.



- 1. Prefilter
- 2. Sub-ocular filter
- 3. AGC-T cartridge (with Control Unit)
- 4. Tubing (3/8" O. D.)
- 5. Caps (2) with bleed-off valve
- 6. Cap with fitting

- 7. Tapper Valve
- 8. Sleeve nut with plastic ferrule (2)
- 9. Funnel
- 10. Adapter (includes plastic ferrule and nut)
- 11. O-Ring

Figure 1 Parts To Be Installed



use this product in a manner inconsistent with its labeling.

1. INTRODUCTION

Specifications:

Flow Rate: Maximum - 0.9 gpm at 50 psig
Nominal - 0.75 gpm at 34 psig
Minimum - 0.60 gpm at 24 psig

Operating pressure 30 to 50 psi. The preset pressure regulator supplied with the unit **MUST** be installed between the taper valve and the unit inlet.

Unit dimensions 17 1/4"W x 5 3/4"D x 13 1/4"H

Materials: Cartridge holders: Acetal Copolymer
Case: ABS
Tubing: Polyethylene

The AQUALUX Bacteriostatic Water Processor is designed for use only on an approved potable water system.

The processor will remove bad tastes, odors and undesirable color from your water supply. It will remove chlorine and sand or other fine particulates, smaller than 1.0 micrometers (approximately 0.0000394") in diameter.

The AQUALUX Bacteriostatic Water Processor is designed to supply good tasting drinking water for cooking and beverage preparation.

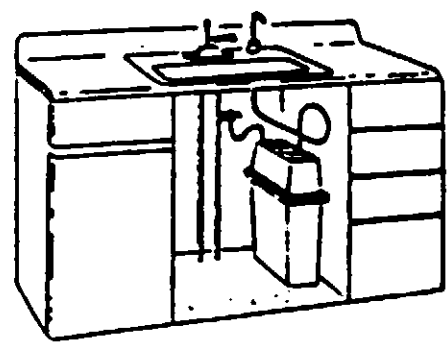
It is recommended that a qualified serviceman install the Water Processor. However, if all instructions in this manual are followed carefully, anyone with reasonable mechanical ability can install the unit.

INSURE PROPER AND LONG-LASTING OPERATION OF THE UNIT, READ ALL INSTRUCTIONS AND PERFORM ALL STEPS IN THE ORDER GIVEN. READ ALL NOTES AND CAUTIONS PRIOR TO PERFORMING THE APPLICABLE STEPS.

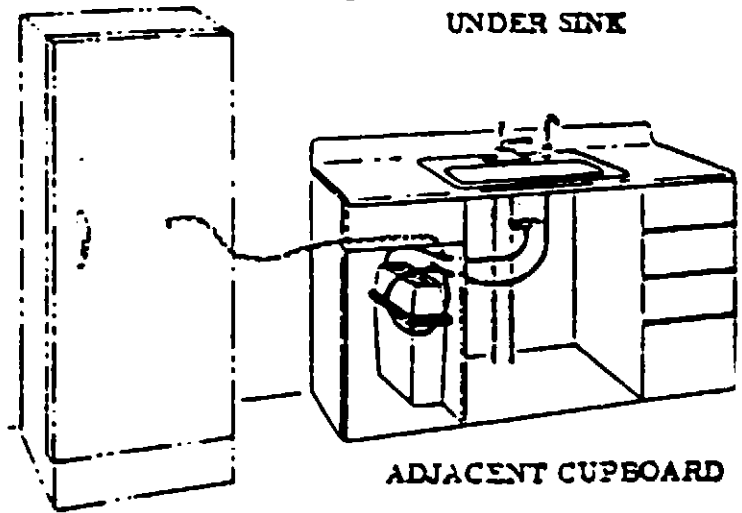
II. LOCATION OF UNIT

The Water Processor Unit may be installed on a side or on a back wall of the kitchen sink cabinet. The unit may also be installed in an adjacent cupboard or in an area in the basement below the kitchen sink on a shelf.

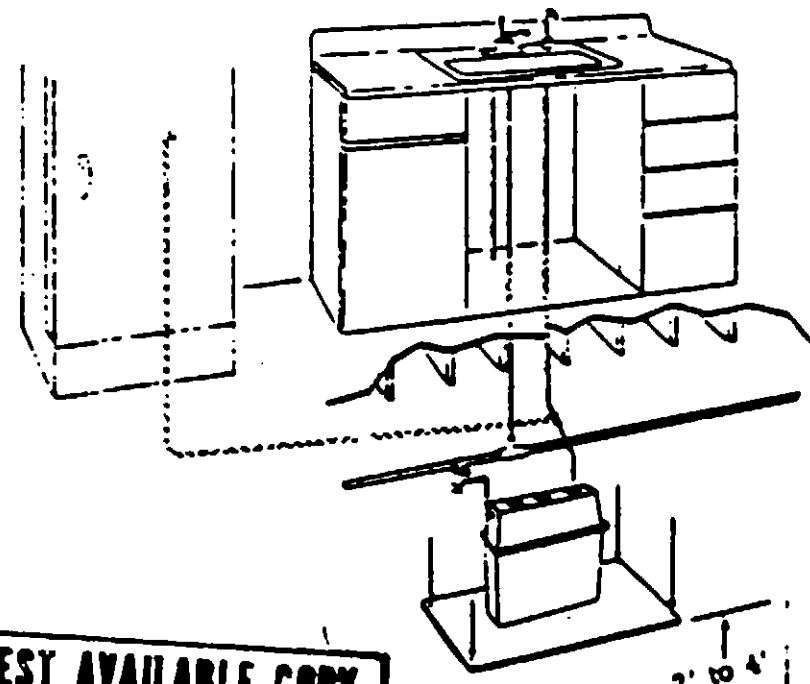
The Water Processor Unit must be installed in an upright, vertical position. One additional supply unit can be tapped off the basic Water Processor Unit such as the automatic ice-cube maker and/or chilled water



UNDER SINK



ADJACENT CUPBOARD



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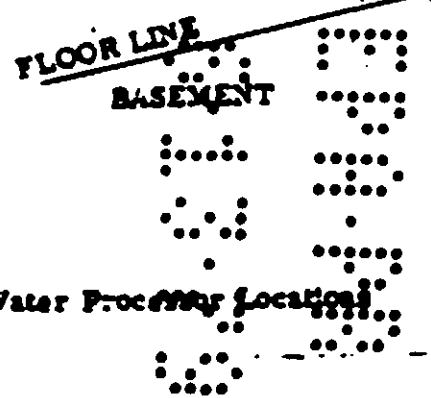


Figure 2 Typical Water Processor Locations

dispenser in your refrigerator or an adjacent lavatory faucet. (A tee is to be attached to the output line of the Water Processor Unit to run this additional unit.) NOTE: Do not attempt to replace the outlet fitting built into the cap of the AGC-7™ cartridge chamber.

Remember, that when selecting a spot to locate your Water Processor Unit, it must be accessible for both cartridge and control unit replacement. Locate the Water Processor and the run of plastic tubing at least 6 inches from the sink hot water line, a radiator hot water line or any other high heat source such as an automatic dishwasher.

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- Hammer
- Center Punch
- Electric or manual drill
- Masking Tape (to place on porcelain sink top)
- 1/2" dia. masonry drill (for drilling into porcelain sink)
- A 1/2" twist drill (for stainless steel sink) (or a 1/2" hole saw)
- A 1/2" wrench (to tighten tapper valve body)
- An adjustable wrench (to tighten fittings) (not over 6" Crescent)
- Adjustable faucet or basin wrench (for securing faucet)
- Screwdriver (tapper valve)
- Razor-type knife (for cutting tubing)

III. PLUMBING REQUIREMENTS

Before installing the Water Processor, perform the following steps:

A. Verify that there is an anti-water hammer device in your plumbing supply (it may be part of your dishwasher or washing machine). If you do not have one in your supply line, it is highly desirable to have one installed.

B. If the local plumbing code requires, substitute copper tubing for plastic tubing on the supply lines to the unit and from the unit to the faucet.

NOTE

A sufficient length of tubing must be used to permit the movement of the unit for replacement of cartridges. Consult your Aqualux serviceman for the hookup.

C. Determine the location of the Processor. Keep in mind that the clearances must be maintained for periodic replacement of the cartridges and a control unit. Allow sufficient length of tubing so that unit may be taken out from under the cabinet to be serviced.

D. A tapper valve enclosed can be used on copper tubing between 3/8" OD and 1" OD. If you have threaded brass or galvanized iron pipe in your home, do not attempt to install the line tapping valve supplied with the unit. Consult your Aqualux serviceman for the hookup. If your supply line is 1/4" OD tubing, a tee must be installed and an appropriate shut-off valve must be placed in the line for the water processor.

V. PARTS TO BE INSTALLED

Figure 1 shows the parts supplied with your Water Processor. Remove all parts packed with a unit and identify them with the illustrated parts.

VI. INSTALLING WATER PROCESSOR FAUCET

NOTE

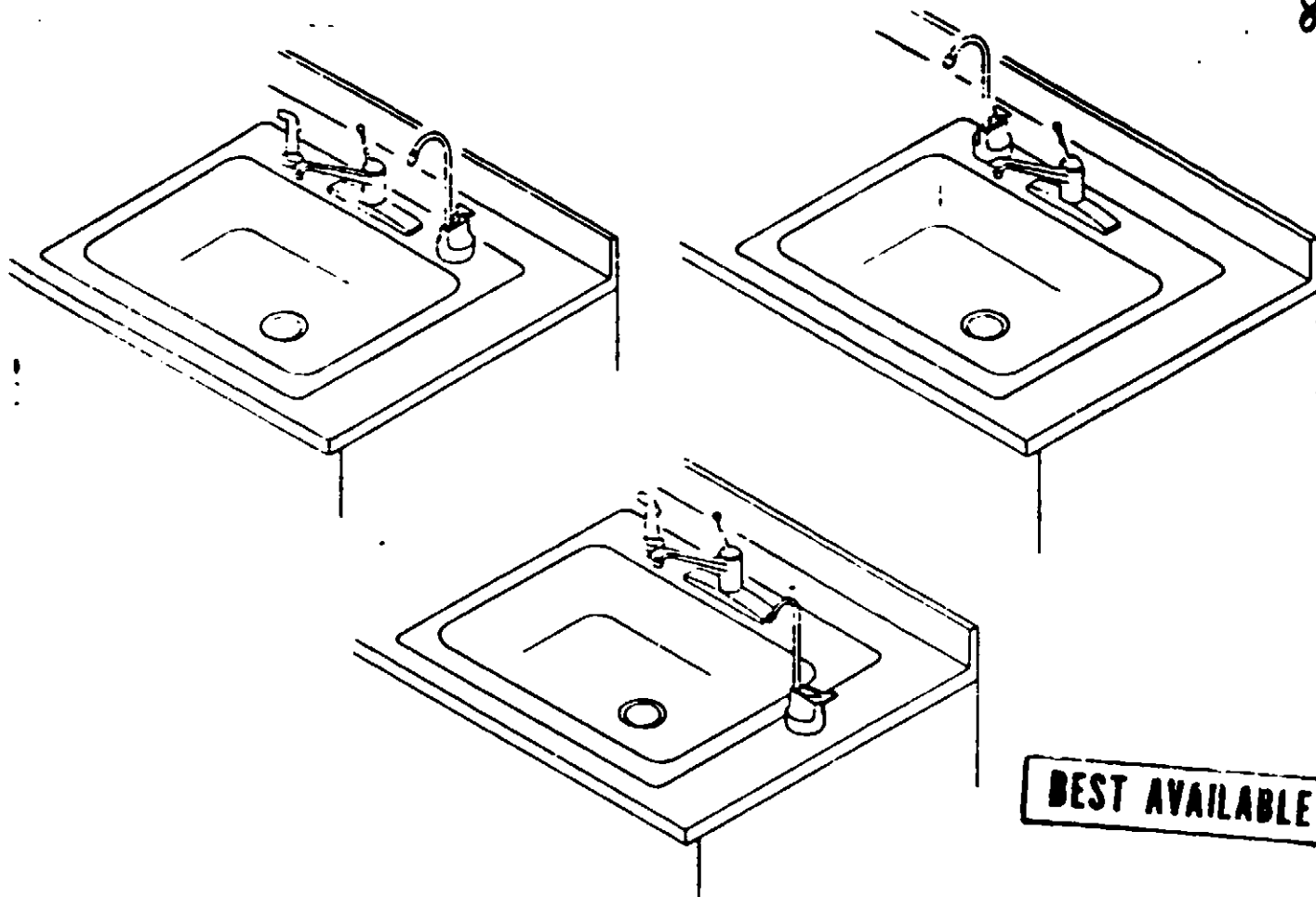
Before installing a faucet, examine the underside of the location to make sure there are no interfering sink requirements or cabinet structures in the selected area.

The three most common locations for the faucets are shown in Figure 3. Most sinks have a hole on the rear deck for installing an auxiliary device, such as a spray unit, such a location is usually most effective. If your sink has such a hole, and you have no spray unit, it will be covered by a removable cap. Two washers, larger than the diameter of the hole, must be procured for this location when it is used. The washers are available from your Aqualux dealer.

You may drill a hole in counter top on either side of the sink. The hole should be within 2 1/2" of the sink edge to insure that the water stream will go inside the sink.

A. To drill a hole in the rear deck of the metal sink, first locate the hole with the center punch. To drill a hole in the rear deck of a porcelain sink or into the counter top, first apply a square piece of masking tape in the area where the hole is to be drilled and then locate the hole on the tape surface with a center punch.

B. Using the appropriate 1/2" diameter drill (for either the porcelain or the stainless steel top) drill a hole through the selected location.



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Figure 3 Typical Faucet Locations

C. Mount the faucet parts in the order shown in Figure 4. With all parts in the order shown, first position the faucet so that the spout is in the desired location then tighten the nut until the faucet is securely mounted. Operating handle may be positioned as desired.

D. It will be necessary to attach the supplied adapter fitting to the end of the faucet to enable a 3/8" tubing to be used. First place a neoprene "O" ring into the fitting as shown in Figure 4, then screw the adapter onto the faucet stem until it is snug.

NOTE

For most installations, the length of tubing that comes with the unit is of sufficient length to connect to both the line tapping valve and the faucet. With the unit outside of the sink cabinet uncoil the tubing and stretch it from the faucet end to the outlet fitting on the unit. Mark and cut tubing at this location.

E. Trim one end of the cut piece of plastic tubing with the razor knife to make a square clean cut. Be sure to route the tubing to stay at least 6" away from hot water line, dishwashers, and similar heat sources.

F. Slide the sleeve nut and plastic ferrule onto the tubing as shown in Figure 4.

G. Push the tubing over the brass insert in the end of the faucet adapter fitting as far as it will go.

H. Slide the sleeve nut and ferrule to the threaded end of the adapter and tighten the sleeve nut. Continue pushing the plastic tubing into the hole while tightening the sleeve nut to insure proper seating and avoid kinking the tubing. (Finger tighten hard, then use wrench to tighten nut an additional 1/2 turn.)

I. Test the connection by pulling on the plastic tubing with a moderate amount of force. If tubing comes out of the sleeve nut, the connection was not tight enough, and you must repeat Step H.

J. Position faucet handle in the full open (handle up) position.

VII INSTALLING LINE TAPPING VALVE

NOTE

Check local plumbing codes on use of line tapping valve. If tapping valve supplied cannot be used, contact your Agualux serviceman.

Figure 1), shut off either the main cold water valve, or a local valve in the cold water line you have selected. Open a faucet supplied by that line to insure that the pressure is relieved.

Before installing the valve, turn the handle to the left (counter-clockwise) until the piercing blade is fully retracted into the body.

A. Preliminary Installation

! Locate clamp (mounting bracket) on pipe in desired location and secure with the two screws and nuts. Tighten until the rubber gasket is squeezed. Tighten the two screws alternately, keeping the mounting bracket spacing on either side of the line approximately equal, until the bracket is firmly mounted. Thread the valve body into the hole in the upper mounting bracket. Make certain that the tubing can be installed and attached to the valve and that the handle can be turned to pierce the pipe.

B. Final Installation

a. Using a 1/2" open end wrench on the handle part of the valve body, turn the valve to the right (clockwise) until it is tight and the outlet is conveniently located for attaching to the required tubing.

b. Turn the valve handle "in" (clockwise) until the piercing blade contacts the line (some resistance to turning will be felt). Continue turning until it cuts through the line and bottoms inside the valve. The water line is now pierced and the valve is shut off. Leave in this position.

CAUTION

THIS OPERATION MUST BE ACCOMPLISHED BY HAND ROTATION ONLY OF THE VALVE HANDLE. DO NOT USE A WRENCH OR ANY OTHER TOOL.

C. Attaching the Tubing to the Line Tapping Valve

- a. Make a square, clean cut in the end of the remaining piece of tubing.
- b. Slide the sleeve nut with plastic ferrule onto the tubing as shown in Figure 5.
- c. Push the tubing over the brass insert in the end of the valve connection as far as it will go.
- d. Slide the sleeve nut with ferrule to the valve connection and tighten the sleeve nut.

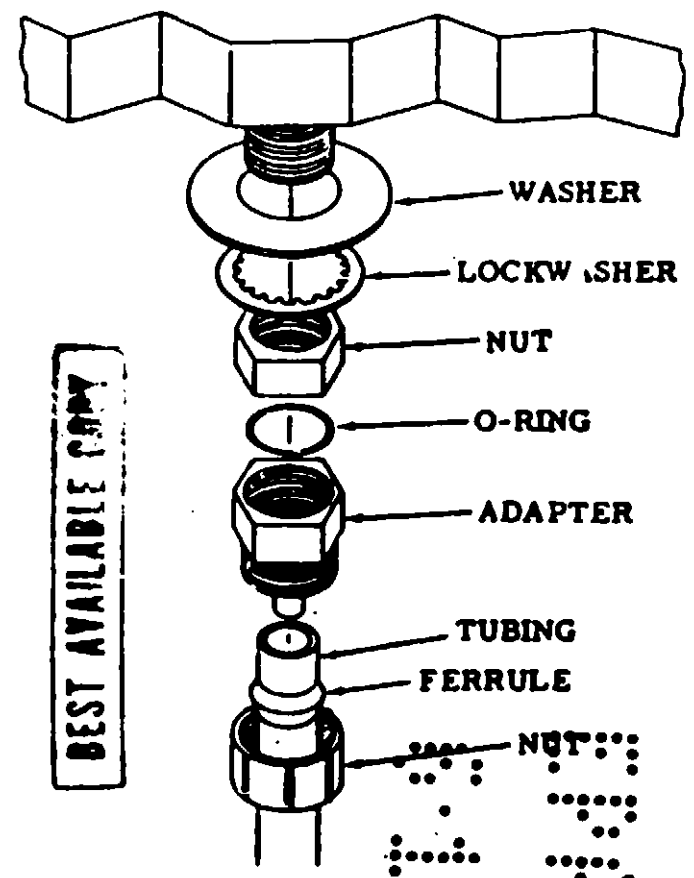
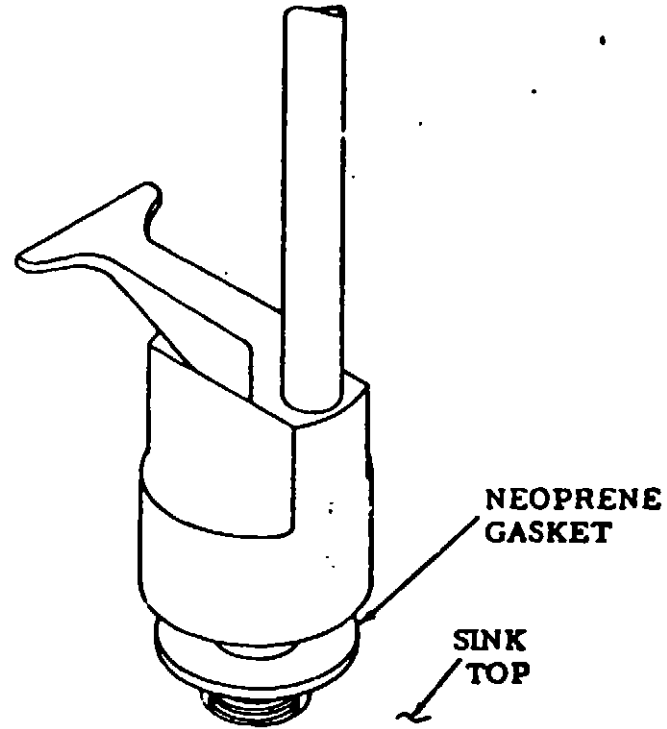
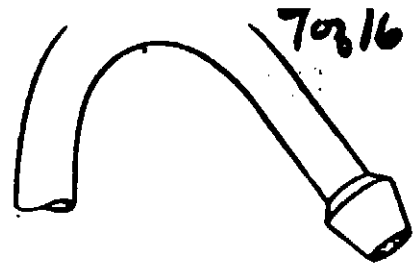


Figure 4 Installing Faucet

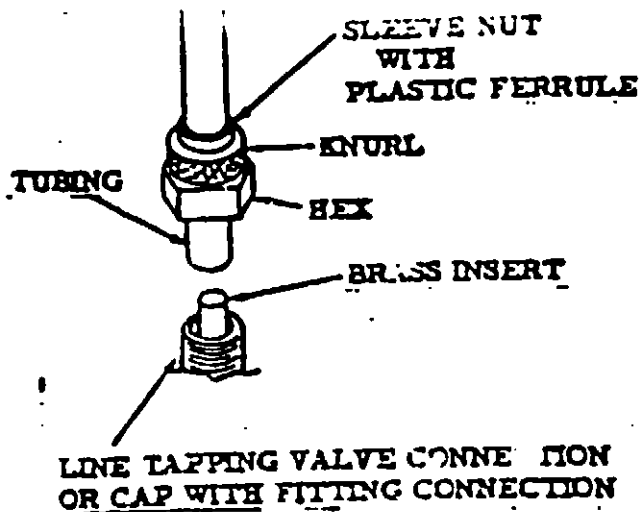


Figure 5 Tubing Connections

Continue pushing the plastic tubing into the hole while tightening the sleeve nut to insure proper sealing and avoid kinking the tubing. (Finger tighten hard, then use wrench to tighten nut an additional 1/2 turn.)

e. Test the connection by pulling on the plastic tubing with a moderate amount of force. If the tubing comes out of the sleeve nut, the connection was not tight enough, and you must repeat Step d.

f. Leave sufficient length of tubing to allow unit to be pulled out of cabinet for servicing.

D. Attaching the Tubing to the Aqualux Bacteriostatic Processor Inlet

a. Make a square, clean cut in the end of the tubing coming from the line tapper valve. Be sure to route the tubing to stay at least 6" away from hot water line, dishwashers, and similar heat sources.

b. Slide the sleeve nut with plastic ferrule onto the tubing as shown in Figure 5.

c. Push the tubing over the brass insert in the end of the valve connection as far as it will go.

d. Slide the sleeve nut with ferrule to the valve connection and tighten the sleeve nut. Continue pushing the plastic tubing into the hole while tightening the sleeve nut to insure proper seating and avoid kinking the tubing. (Finger tighten hard, then use wrench to tighten an additional 1/2 turn.)

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plastic tubing with a moderate amount of force. If the tubing comes out of the sleeve nut, the connection was not tight enough, and you must repeat Step d.

VIII PREPARING THE WATER PROCESSOR

CAUTION

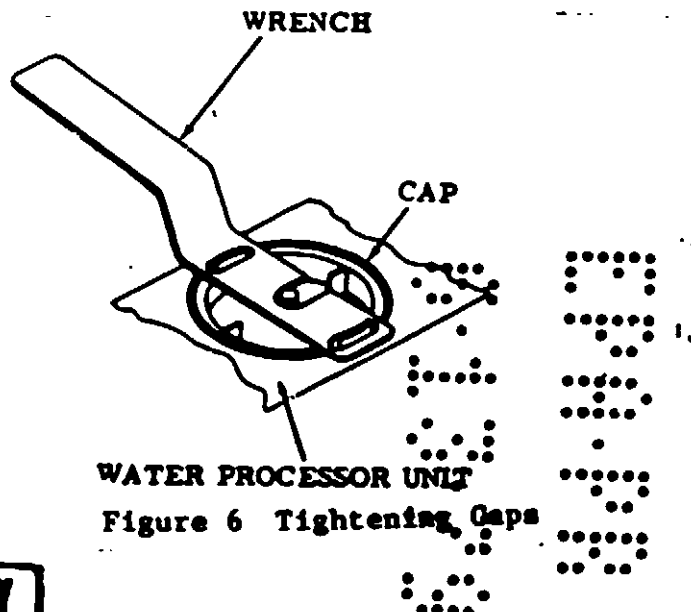
DO NOT CHANGE OR REPOSITION OUTLET FITTING OF THE AGC-7™ CARTRIDGE CAP AS IT COULD RESULT IN DAMAGING THE UNIT.

a. Remove the three top covers from the Water Processor and open each bleeder valve by rotating screw (in two of the top covers).

b. Take out the three filter cartridges, note their location, remove their protective wrappings. (See Figure 1)

c. TO INSURE AGAINST EXTERNAL CONTAMINATION, ADD 1/2 CUPFUL (APPROXIMATELY 1/2 OZ.) OF LIQUID CHLORINE BLEACH TO EACH CYLINDER CHAMBER. NOTE: DO NOT USE A DRY POWDER BLEACH AS IT MAY NOT CONTAIN CHLORINE OR OTHER DISINFECTANT AGENT.

d. Open tapper valve slowly until water flows into prefilter chamber. Fill to mark on inside of chamber then close valve. Insert prefilter slowly to avoid water spill. Take cap, (be sure bleeder valve is open to vent entrapped air), place over filter. Push cap into place. Screw cap into housing by hand (cap will be secured when its outer rim is about flush to the top of the housing). Take cap wrench - see Figure 6 and tighten to snug up and seal cartridge. Again, open tapper valve slowly until no air comes from bleeder - close bleeder valve and allow unit to fill sub-micron filter chamber to mark inside of housing then close tapper valve.



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water spill. Take cap, (be sure bleeder valve is open to vent entrapped air), place over filter - push cap into place. Screw cap into housing by hand (cap will be secured when its outer rim is about flush to the top of housing). Take cap wrench and tighten cap to snug up and seal cartridge filter. Again, open tapper valve slowly until no air comes from bleeder - close bleeder valve and allow unit to fill AGC-7TM cartridge chamber to mark inside of housing. Then close tapper valve.

NOTE

At this point, make certain that faucet handle is in the open (handle up) full on position.

f. Insert AGC-7TM cartridge slowly to avoid water spill. Take cap, place over cartridge push cap into place. Screw cap into housing by hand (cap will be secured when its outer rim is approximately flush to the top of housing). Take cap wrench and tighten cap to snug up and seal cartridge filter.

g. Connect tubing from faucet to outlet of unit following same procedure as before. (See VII C.a., etc.)

h. Now open tapper valve to its full open position. By hand only, turn handle and stem all the way counter-clockwise until it does not turn any further.

1. Let the water flow from faucet for 5 min.

j. Shut off faucet for 5 min. and check all connections that have been made for leaks: Check the fittings at the faucet, line tapping valve and at the housing. Check for leaks around the caps and at the bleeders in the caps.

k. If any leaks are found at the fittings, shut off tapper valve and retighten the connection. If the caps are found to be leaking, use wrench and tighten caps. If bleeders are leaking, use adjustable pliers and snug knurled nut on bleeder valve.

1. Open faucet and allow water to flow for 15 min. to flush and break in the system. (There may be discoloration in the first water flowing from the unit as carbon fines are washed out.)

m. Check indicators for prefilter and sub-micron filter on the front of the case to be sure they show green when the water is flowing.

n. Shut off faucet and be prepared to have sparkling clean and the best tasting water.

(You may check for internal leaks by unsnapping clamps on ends of the housing and lifting top section out of bottom tray and looking at all the connections from tubes and control unit.)

A. If water does not flow.

1. Check tapper valve to be certain pipe has been pierced and that stem has been backed out to allow water to flow.

2. Check the pre-filter or sub-micron filter indicator to see if windows are covered by a red flag while water is running. If so:

a. Be sure the plastic shipping bag has been removed from the filter.

b. Close the tapper valve, open the appropriate bleeder valve and the faucet. If the window then shows green, close the bleeder valve and open the tapper valve slowly until it is fully open.

c. Change filter.

3. Check AGC-7TM cartridge control unit to see if point is in the red shut-off zone. If so, it will be necessary to replace the AGC-7TM cartridge and the control unit. See service manual or call your Aqualux serviceman.

B. If a connection is leaking.

1. Tighten fitting slightly. (Fittings must not be over tightened.)

2. Replace plastic ferrule inside knurled nut.

CAUTION

MAKE CERTAIN THAT TUBING AND FERRULE ARE PLACED CORRECTLY AND STRAIGHT ON FITTING.

C. Tapper valve leaking.

1. Tighten connections slightly. (Fittings must not be over tightened.)

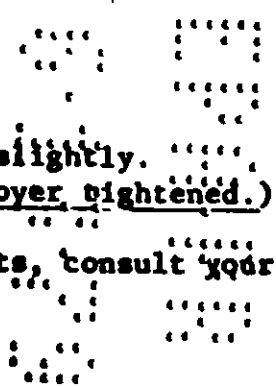
2. Tighten packing nut slightly.

3. If condition persists, consult your Aqualux serviceman.

D. Faucet dripping.

1. Tighten connection slightly. (Fittings must not be over tightened.)

2. If condition persists, consult your Aqualux serviceman.



X Filter Life

The life of both the pre-filter and the sub-micron filter will vary from place to place - and from season to season during the year. The filters are specifically designed to remove particles in your water, and if your water is heavily loaded with particulates, the filter life will be shorter than it is in areas where cleaner water is supplied.

Each filter chamber is fitted with a unique device that has been designed to tell you when the filter has become clogged to the point that it needs replacement. When you experience slow flow, you need only look at the front of the unit to see which indicator window is showing the full red flag. That is the filter that needs changing.

XI AGC-7™ Cartridge Life

Because the function of the AGC-7™ cartridge is so important, a precision meter is in the processor. At any time, the AGC-7™ cartridge meter dial on the front of the processor will give you a clear indication of the relative capacity remaining.

As the life of the AGC-7™ cartridge is a function of gallons treated, the time period between AGC-7™ cartridge changes will vary with use patterns. When its capacity is used up, (3000 gallons) the indicator arrow will be in the red zone, showing that the AGC-7™ cartridge must be replaced.

XII Changing the Pre-Filter

When water is flowing and the pre-filter indicator shows all red, it is time to replace the pre-filter cartridge. The following steps must be followed exactly in the order given to maintain the integrity of the Aqualux Bacteriostatic Water Processor and insure continued good service.

- A. Shut off the inlet valve.
- B. Open the faucet so that pressure is relieved.
- C. Use the cap wrench to loosen the cap of the pre-filter.
- D. Remove the cap.
- E. Remove the old filter by lifting the little handle and pulling the filter from its housing. Be sure the black rubber gasket is removed with the filter.
- F. Let the water drain into the housing, wrap the filter in newspaper and discard it in the trash.
- G. You may use papertowels or other absorbent materials to wipe out the housing, or you may tip the unit on its side and pour out the excess or discolored water from the housing into any kind of a basin. Once the housing has been cleaned out, open the inlet valve slowly and allow the water to fill the housing to the mark (approximately 1/2" below flange) on the inside of the housing. When the water reaches that mark, close the inlet valve again.

TO INSURE AGAINST EXTERNAL CONTAMINATION ADD 1/2 CAPFUL (APPROXIMATELY 1/2 OZ.) OF LIQUID CHLORINE BLEACH TO THE WATER IN THE CHAMBER. NOTE: DO NOT USE A PAPER POWDER BLEACH AS IT MAY NOT CONTAIN CHLORINE OR OTHER DISINFECTANT AGENT.

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- H. Insert new pre-filter and let it sink into the chamber without pushing.
 - I. Take the cap and open the bleeder valve (you may have to use a pair of pliers) and place the cap over the filter and push slowly into place. Screw cap into the housing by hand until it is a snug fit, then tighten with wrench to snug up and seal cartridge.

(You can tell when it is in proper position because it will be flush with the top of the housing.)
 - J. Open the inlet valve slightly and allow water to push the air through the bleeder valve until no air is coming from the bleeder valve, at which time you should close the bleeder valve. If necessary, use a pair of pliers to be sure that it is tightly closed.
 - K. Be sure that the faucet is open.
 - L. You may now turn the inlet valve fully open and observe the water flowing from the faucet for approximately two minutes until you're sure that it is not sputtering and that the flow is coming through in a steady stream. Your unit is now ready to function in its normal manner.

XIII Changing the Sub-Micron Filter

When water is flowing and the sub-micron filter indicator shows all red, it is time to replace the sub-micron filter cartridge. The following steps must be followed exactly in the order given to maintain the integrity of the Aqualux Bacteriostatic Water Processor and insure continued good service.

- A. Shut off the inlet valve.
- B. Open the faucet to drain so that pressure is relieved.
- C. Use the cap wrench to loosen the cap of the sub-micron filter.
- D. Remove the cap.
- E. Remove the old filter by lifting the little handle and pulling the filter from its housing. Be sure the black rubber gasket is removed with the filter.
- F. Let the water drain into the housing, wrap the filter in newspaper and discard it in the trash.
- G. DO NOT DRAIN THE WATER OUT OF THE HOUSING, OR ATTEMPT TO WIPE IT DRY. RATHER ADD ONE-HALF CUPFUL (APPROXIMATELY 1/2 OZ.) OF LIQUID CHLORINE BLEACH TO THE WATER IN THE CHAMBER. NOTE: DO NOT USE A DRY POWDER BLEACH, SINCE IT MAY NOT CONTAIN CHLORINE OR OTHER DISINFECTANT AGENT. If the water level in the housing is not up to the mark (approximately 3 1/4" below flange) open the valve slowly and allow additional water to flow into the housing up to the mark and then close the inlet valve. Insert the filter into the housing - let it sink into the housing without pushing. Let the unit stand unused for 10 minutes. NOTE: If any liquid spills, dilute and wipe up immediately to avoid bleach spots.
- H. Take the cap and open the bleeder valve (you may have to use a pair of pliers) and place the cap over the filter and push slowly into place. Screw cap into the housing by hand until it is a snug fit, then tighten with wrench to seal cartridge.

(You can tell when it is in proper position because it will be flush with the top of the housing.)

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- I. Open the inlet valve slightly and allow water to push the air through the bleeder valve until no air is coming from the bleeder valve, at which time you should close the bleeder valve. If necessary, use a pair of pliers to be sure that it is tightly closed.
- J. Be sure that the faucet is open.
- K. Turn the inlet valve on full. Let the water run for at least 5 minutes. Then use the unit in the normal manner.

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XIV Changing the AGC-7TM Cartridge

When the AGC-7TM cartridge indicator dial pointer is in the red zone, the processor will not be functional again until the AGC-7TM cartridge has been replaced and the control unit has been reset.

It is highly recommended that you permit your Aqualux serviceman to replace the AGC-7TM cartridge and reset the control unit. However, if you do wish to reset the control unit yourself, the following procedure may be used.

- A. Shut off the inlet valve and open the faucet. Disconnect the outlet tube.
- B. Use the cap wrench to loosen the cap of the AGC-7TM cartridge. Leave the cap in position finger tight.
- C. Unclamp the latches at the ends of the unit and remove the lower housing from the upper housing. Place unit in a pan or sink to collect water that will drain from it.
- D. Using your finger only, rotate the black indicator needle (on the AGC-7TM indicator dial) counter-clockwise until it is at the starting point.
- E. Remove the cap (previously loosened) and remove the old filter by lifting the little handle and pulling the cartridge from its housing. Be sure the black rubber gasket is removed from the filter.
- F. Let the water drain from the cartridge into the sink and then wrap it in newspaper and discard it in the trash.
- G. Drain the excess water from the housing into the pan or into the sink. Use papertowels or other absorbent material to wipe out the housing.
- H. Replace the upper housing on the lower housing taking care that no tubing is pinched between the units and that the latches are properly in place.
- I. Open inlet valve slowly and allow water to fill the AGC-7TM cartridge chamber to mark (about 3 1/4" below flange) inside the chamber. Close inlet valve.

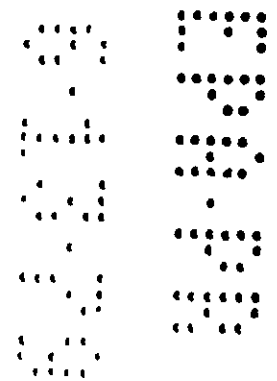
TO INSURE AGAINST EXTERNAL CONTAMINATION, ADD 1/2 CUPFUL (APPROXIMATELY 1/2 CUP) OF LIQUID CHLORINE BLEACH TO THE WATER IN THE CHAMBER. NOTE: DO NOT USE A DRY POWDER BLEACH AS IT MAY NOT CONTAIN CHLORINE OR OTHER DISINFECTANT AGENT.

- J. Insert the new AGC-7TM cartridge into the chamber and let it sink slowly into the chamber without pushing. Make sure the black gasket is in place on the cartridge.

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- K. Place cap over cartridge and push slowly into place. Screw cap into housing by hand until it is a snug fit, then tighten with wrench to seal cartridge. (Cap should be flush with top of housing.)
- L. Re-connect the outlet tubing to the AGC-7TM cartridge cap. Check to be sure that the faucet is in the open position.
- M. Open bleeder valve in pre-filter and sub-micron filter caps; also, open the inlet valve slowly and allow air to be expelled from each chamber (starting with pre-filter). Tighten each bleeder valve in turn.
- N. Open inlet valve fully and allow water to flow for at least 5 minutes. Your unit is again ready to function normally.

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LIMITED WARRANTY

AQUALUX Water Processing Company hereby warrants for a period of one year from the date of original purchase that upon return of the AQUALUX™ Bacteriostatic Water Processor within that period, it will repair or replace, free of cost, any part which its examination shall disclose to be defective in workmanship or material. The shipping costs to and from AQUALUX Water Processing Company will be borne by the owner.

This warranty is null and void if the pre-set pressure regulator furnished with the unit has not been installed, or has been altered in any way.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

For service under the above warranty, or for any information you may need at any time about the product purchased hereunder, consult the Branch Office listed below or any local AQUALUX Branch Office, the address of which may be found in your local telephone directory. Or call 800-327-8573.

