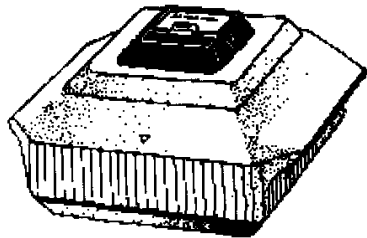
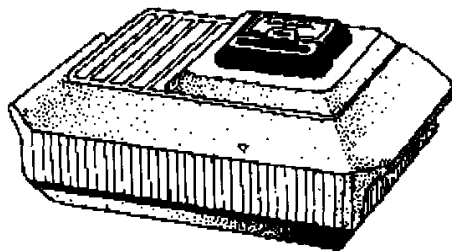


WARM STEAM VAPORIZER INSTRUCTION BOOK

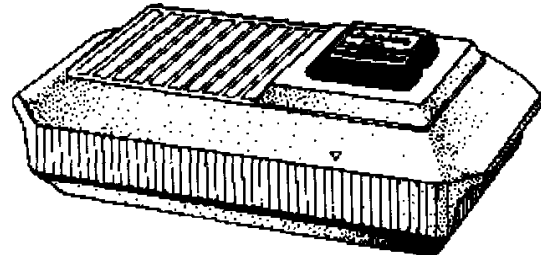
1 Gal.



1 1/2 Gal.



2 Gal.



READ AND SAVE THESE INSTRUCTIONS

WHEN USING ELECTRICAL APPLIANCES, ESPECIALLY WHEN CHILDREN ARE PRESENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:

1. READ ENTIRE INSTRUCTION BOOK BEFORE USING VAPORIZER.
2. PLACE VAPORIZER ON FLOOR ONLY. **DO NOT** PLACE IN DIRECT SUNLIGHT OR NEAR HEATING DEVICES. KEEP THE CORD AWAY FROM HEATED SURFACES AND AREAS WHERE IT COULD BE STEPPED ON OR TRIPPED OVER.
3. TO PREVENT OVERHEATING OF CORD, EXTEND THE CORD TO ITS FULL LENGTH AND PLUG VAPORIZER INTO 110-120 VOLT AC OUTLET ONLY. BE SURE UNIT IS PLUGGED IN FIRMLY AND COMPLETELY. **DO NOT** USE AN EXTENSION CORD.
4. UNPLUG VAPORIZER WHEN WATER CONTAINER IS EMPTY, OR WHEN NOT IN USE, AND BEFORE CLEANING, RINSING OR MOVING.
5. **NEVER** OPERATE VAPORIZER WITH A DAMAGED CORD OR PLUG. IF IT IS NOT WORKING PROPERLY, OR IF IT HAS BEEN DROPPED OR DAMAGED, RETURN IT TO THE APPLIANCE SERVICE STATION FOR EXAMINATION, REPAIR, OR POSSIBLE ELECTRICAL OR MECHANICAL ADJUSTMENT.
6. FILL WATER CONTAINER TO BOTTOM OF TRIANGLE ON THE OUTSIDE OF THE BUCKET. **DO NOT OVERFILL.** RINSE CONTAINER AFTER EACH USE.
7. **DO NOT** ADD MEDICATION OF ANY TYPE INTO THE WATER IN THE CONTAINER. **DO NOT** COVER STEAM OUTLET OR PLACE ANYTHING OVER IT WHILE VAPORIZER IS OPERATING. **NEVER** DROP OR INSERT ANY OBJECT INTO ANY OPENING.
 - a. SUPERVISION IS RECOMMENDED WHEN VAPORIZER IS USED NEAR CHILDREN, INVALIDS OR PETS.
9. **DO NOT DIRECT STEAM TOWARD PEOPLE, WALLS OR FURNITURE. DO NOT** PLACE UNDER A "TENT".
10. **DO NOT** TILT OR TIP VAPORIZER OR ATTEMPT TO EMPTY OR FILL IT WHILE IN OPERATION.
11. **DO NOT** TOUCH UNIT OR STEAM VAPOR DURING USE. STEAM IS HOT AND BURNS CAN OCCUR.

HOW VAPORIZERS WORK

Vaporizers are unique among household appliances because their performance is determined by the user much more than by the designer. This is due to the tremendous variation in mineral content of water across the country. Water in some areas is nearly as pure as distilled water, which contains no minerals at all. This water is called "soft" water. Other areas have "hard" water which contains so much mineral that the water is colored or cloudy and has a distinctive taste - chalky, salty, soapy or sulfury. Most of the country has water somewhere in between these extremes of soft and hard.

A vaporizer works by passing an electrical current from one metal electrode through the water to another metal electrode. The amount of mineral in the water controls the amount of current, which in turn determines the amount of steam produced and the life expectancy of the vaporizer.

No mineral content yields no steam (Fig. 1); too much mineral content yields too much steam and severely shortens the life of the vaporizer (Fig. 2). It is necessary for you, the user, to control the mineral content of the water used in your vaporizer. This is explained in detail under IN CASE OF DIFFICULTY.

In some parts of the country, the minerals cause the water in the container to turn black or brown. This does not affect the purity of the steam, which is always pure water vapor regardless of the minerals. The minerals are left behind in the container and are discarded when the container is cleaned.

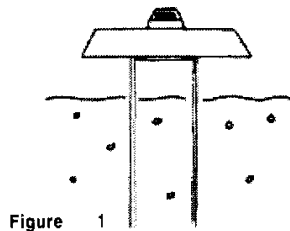


Figure 1

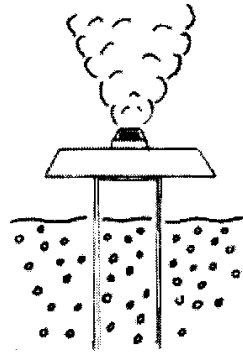


Figure 2

OPERATING INSTRUCTIONS

WARNING: Protect yourself against electrical shock. Always unplug your vaporizer when not in use, and before cleaning, rinsing, filling or moving. When in use, the vaporizing head must be locked into position on the water container for proper operation.

1. To unlock vaporizing head, turn counterclockwise and lift straight out (Fig. 3). **Always** unplug vaporizer when inserting or removing the vaporizing head.

2. Always rinse and empty the water container before each filling and after each use. Fill with cool tap water to fill line, the bottom of the triangle on the outside of the bucket (Fig. 4). Fill with clean water that contains the proper mineral content. See IN CASE OF DIFFICULTY. **DO NOT** overfill.

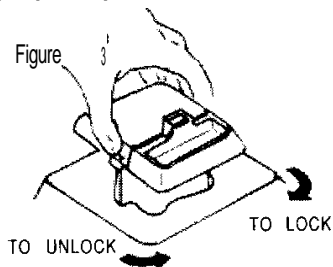


Figure 3

3. Make sure the water inlet hole in the bottom of the shroud is clean and free of mineral deposits. Use a wooden toothpick to dislodge mineral deposits before each use (Fig. 5). **DO NOT** use any metal objects or other materials which might enlarge the water inlet hole.

4. Insert vaporizing head into the water container and rotate clockwise to lock it in place (Fig. 3). Place vaporizer **on the floor** where it is to be used. Place the vaporizer in a shallow pan or tray **on the floor** to protect the floor or carpet against spillage or occasional expulsion of water (spitting). **Do not** place under a "tent". **Do not** direct the steam toward people or toward walls or furniture.

5. **Never** add medication of any type to the water in the container. Medications should only be placed in the medication well in front of the steam outlet (Fig. 6). Most medications expend their active ingredients within a few hours, leaving behind a petroleum jelly base. This residue should be cleaned out each time the vaporizer is filled. **Do not** replenish medications while the vaporizer is operating; you can receive a severe burn from the live steam.

6. **The power cord must be extended** to its full length (unhanked; not bunched up) to prevent overheating of the cord. Plug vaporizer into a live 11 O-I 20 volt AC outlet only. If plug is loose in outlet, the outlet should be replaced by a qualified electrician. **Do not** use an extension cord.

NOTE: If your vaporizer takes less than five minutes or longer than ten minutes to begin steaming, read IN CASE OF DIFFICULTY. You may need to adjust the mineral content of the water or clean the vaporizing head.

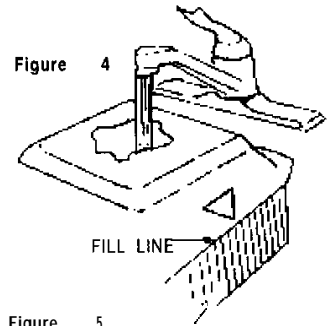


Figure 4

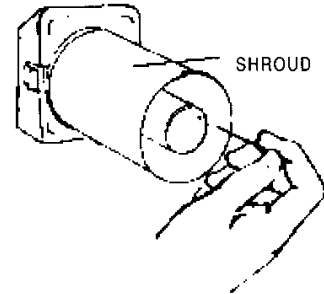


Figure 5

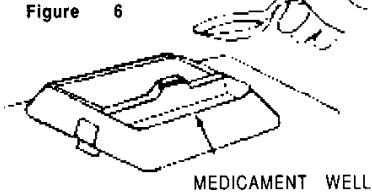


Figure 6

IN CASE OF DIFFICULTY

IF YOUR VAPORIZER WON'T STEAM: Make sure the electrical outlet is working by plugging in a working appliance. If the vaporizer is not producing steam, refer to #3 under OPERATING INSTRUCTIONS. If the unit is still not working properly, refer to CLEANING INSTRUCTIONS. If the electrodes are worn away (eroded), you need a new vaporizing head assembly; see REPLACEMENT PARTS FOR YOUR VAPORIZER. Finally, your water could be too soft for good operation; see next paragraph.

IF YOUR VAPORIZER PRODUCES TOO LITTLE STEAM:

This can be caused by blocked water inlet hole; see #3 under OPERATING INSTRUCTIONS. Or you could have very soft (low mineral content) water which is characterized by a long start-up time (longer than ten minutes). This is easily corrected by dissolving up to 1/8 teaspoon (**no more**) of table salt per gallon of water in the container. Stir well. **Do not** add salt if unit steams in less than ten minutes, and **do not** add more than 1/8 teaspoon of salt per gallon of water.

SPITTING, LOUD BOILING NOISES, STRONG NOISY JETS OF STEAM, BLOWN FUSES, HOT POWER CORD, AND FLICKERING LIGHTS: These are some of the symptoms of hard (excessive mineral content) water. The vaporizer **must not be operated** with any of these conditions. Besides the stated problems, excessive mineral content water will severely shorten the product life due to increased corrosion of the electrodes.

It is necessary that you reduce the mineral content of the water in your vaporizer by adding distilled water, demineralized water, rain water, or melted snow (clean) in a proportion (determined by experiment) which will require at least five minutes start-up time. These same symptoms can result if more than 1/8 teaspoon of salt is added per gallon of water, or if the vaporizing head assembly needs cleaning. Some water softeners leave enough salt in the water to cause these symptoms. If this is the case, add some distilled water to reduce the boiling action.

NOTE: Vaporizers returned to us for repair which have not been properly cleaned will not be serviced under warranty.

HOT CONTAINER: If the container gets extremely hot during operation, it is likely that the shroud was installed backward after cleaning, or that the shroud mounting screws are loose or stripped. Proper placement of the shroud on the vaporizing head is with the baffle directly beneath the steam outlet hole (Fig. 7). Hard water or a vaporizing head assembly in need of cleaning can also cause the container to get hot.

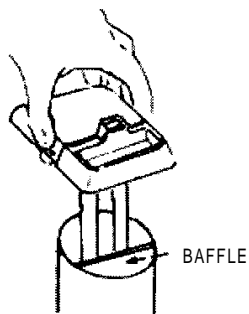


Figure 7

CLEANING INSTRUCTIONS

WARNING: Always unplug vaporizer before attempting any service, especially cleaning. Disassembly for cleaning exposes components which could cause severe injury or death if plugged in. Keep disassembled unit away from children.

1. Unplug vaporizer.
2. Remove vaporizer head assembly from container by turning counterclockwise and lifting straight out. Remove single screw from nameplate. Lift nameplate off vaporizing head. **Do not** attempt to remove the two screws holding the connections to the power cordset (Fig. 10). Use Phillips screwdriver to remove the two recessed screws closest to



Figure 8

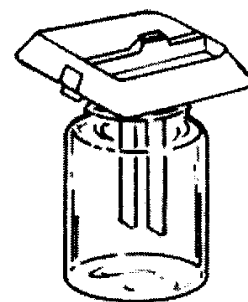
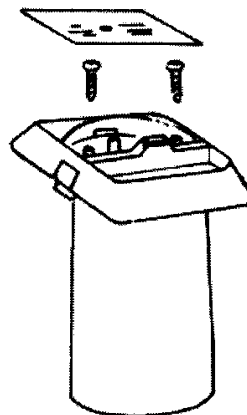
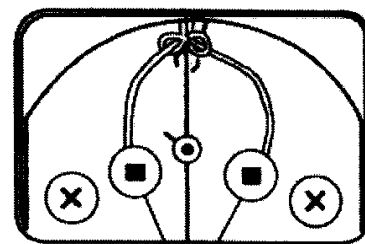


Figure 9

Figure 10



DO NOT LOOSEN

the edges of the vaporizing head (Fig. 8). Remove vaporizing head from shroud.

3. Rinse mineral deposits from the shroud with tap water (no soap). If mineral deposits adhere to the inside surfaces of the shroud, use a brush to dislodge them. If necessary, soak the shroud overnight in vinegar to soften deposits.
4. Clean the electrodes by scraping the deposits off with a knife. Deposits will be easier to remove if you soak the lower three inches of the electrodes overnight in a glass jar filled with vinegar (Fig. 9). Be careful not to bend the electrodes; the space between the ends of the electrodes is 3/8". If the electrodes are worn away (eroded) so that their overall length is less than 4", replace the entire vaporizing head assembly. See REPLACEMENT PARTS FOR YOUR VAPORIZER.

5. Reassemble vaporizer in the same manner in which you took it apart. Note that the baffle in the shroud must be below the steam outlet in the head (Fig. 7). When restarting the screws, be careful to match the screw threads with the original threads in the plastic parts to minimize stripping the threads. Use a Phillips screwdriver to tighten the screws securely but do not overtighten them which may strip the threads. **Never** attempt to operate vaporizer in any state of disassembly.

NOTE: To protect against electric shock hazards, unplug your vaporizer when not in use or when cleaning. **Keep out of reach of children** at all times. **Never** attempt to remove or loosen the metal electrodes, as these parts are attached under factory controlled conditions and are not replaceable.

To reduce the risk of electric shock, this appliance has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

To order one of the following parts by credit card, please call: Sunbeam-Oster Household Products, 1-800-394-2326, or mail check attached with mail-order form to Sunbeam Service Department 117 Central Industrial Row, Purvis, MS 39475.

MAIL ORDER FORM

Item Number	Description	HOW Many?	Price Each	Total
47258-000	Complete Vaporizer, Head Assembly		\$7.95	
1144-000	Vaporizer Inhalant (6 oz.)		\$6.50	
1141-666	Clean-Start Tablets (24/box)		\$3.50	
			Subtotal:	\$ _____
			Shipping/Handling	\$ 2.00
			Total Amt. Enclosed	\$ _____

* All tax is included in price.
 Mail check or money order (made payable to Sunbeam Household Products) to: 117 Central Industrial Row Service Dept. Purvis, MS 39475.
PLEASE, DO NOT SEND CASH.
 Please allow four weeks for delivery by the U.S. Postal Service. To ensure proper delivery, please print clearly. Return this section with your order.

Name: _____
 Street Address: _____
 City/State/Zip: _____

All Warm Steam Vaporizers are UL Listed.

LIMITED WARRANTY

This product is warranted for two years from the date of purchase against electrical and mechanical defects in material and workmanship. If the unit fails to operate during this period, return it, prepaid, to **APPLIANCE SERVICE STATION**, 117 Central Industrial Row, Purvis, Mississippi 39475, for repair or replacement without charge at the manufacturer's option. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.
WARRANTOR: SUNBEAM HOUSEHOLD PRODUCTS



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