

# Crane

## **WARM STEAM VAPORIZER 1 GALLON/4 LITER**

FOR MODELS:

EE-8619



**PLEASE READ AND SAVE ALL INSTRUCTIONS TO ENSURE  
THE SAFE AND EFFECTIVE USE OF THIS VAPORIZER.**

If you have any questions about the operation of your humidifier, please contact Crane Customer Care.

**Toll Free:** 1-888-599-0992

**Email:** [customer-service@crane-usa.com](mailto:customer-service@crane-usa.com)

# **SAVE YOUR DATED PROOF OF PURCHASE!**

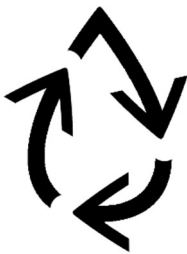
[ You will need this in case of warranty ]

staple  
tape  
or paperclip  
your  
receipt  
HERE

# TABLE OF CONTENTS

Table of Contents & Sustainability	P. 1
Safety Instructions	P. 2-3
List of Main Parts, Technical Specifications	P. 4
Assembly & Use	P. 5
Maintenance & Storing Your Humidifier	P. 6
Customer Care & Trouble Shooting	P. 7
Vapor Pad Precaution	P. 8
Warranty	P. 9

## CRANE & SUSTAINABILITY



Crane USA is dedicated to your environment both inside and outside your home. We know if cleaned and maintained properly, our products last for years helping to reduce unnecessary use of resources and emissions making new products.

The Crane manual you are holding is from recycled materials with no added finishes or harmful dyes. If the humidifier should no longer operate, please be sure to dispose of the unit in an environmentally friendly way by taking it to a public collection point.

**PLEASE DO NOT PLACE BROKEN HUMIDIFIERS WITH YOUR REGULAR HOUSEHOLD WASTE.**

# IMPORTANT SAFETY INSTRUCTIONS

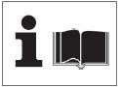


**WARNING!** READ AND SAVE THESE INSTRUCTIONS. Failure to follow all of the instructions listed below may result in electric shock, fire and/or serious personal injury.

1. **DO NOT operate outdoors. This vaporizer is intended for indoor use only.**
2. **DO NOT TOUCH STEAM. STEAM CAN CAUSE BURNS.**
3. Do NOT move the vaporizer during operation or within 15 minutes after the vaporizer is turned off and unplugged. Serious injury may result.
4. DO NOT operate without water. Always have water in the water tank when operating the vaporizer unit.
5. Use only clean, cool tap water to fill the tank.
6. DO NOT pour water into any openings other than the water tank.
7. DO NOT cover any openings on the unit, or insert objects into any openings.
8. Use only a 110-240VAC outlet.
  - \* **ALWAYS plug and unplug unit with dry hands to avoid electric shock.**
9. Never operate the unit with a damaged cord or plug.
10. Always place the unit on a smooth, flat, lint-free, non-metallic, waterproof and level surface and position unit away from direct sunlight. Keep the cord away from heated surfaces and areas where it could be walked on or tripped over. Unplug the unit when not in use and whenever you clean or move the unit.
11. Do not add medication of any type into the Water Tank. ONLY add liquid vapor medicine to the water tank.
12. The unit should not be left unattended in a closed room as the air could become saturated and leave condensation on walls or furniture. Leave room door partly open when humidifier is being operated.
13. The vaporizer requires daily and weekly cleaning to operate appropriately. Refer to cleaning instructions.
14. Do not tilt or tip the humidifier or attempt to empty or fill it while it is in operation.
15. NEVER use detergents, gasoline, glass cleaner, furniture polish, paint thinner or other household solvents to clean any part of the vaporizer.

## SAVE THESE INSTRUCTIONS!

# GENERAL SAFETY INSTRUCTIONS



**WARNING!** Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire or serious personal injury. The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the user that common sense and caution are a factor which cannot be built into this product, but must be supplied by the user.

## THIS VAPORIZER IS NOT A TOY!

**Do not let your child play with this vaporizer.** Serious injury and electrocution might be possible. This humidifier has to be operated by an adult only. Children should be supervised to ensure that they do not play with the humidifier.

### SAVE ALL INSTRUCTIONS!

**CAUTION:** A short Power Supply Cord is provided to reduce the risk of personal injury resulting from becoming entangled in or tripping over a longer cord. Extension cords are available from local hardware stores and may be used if care is exercised in their use. If an extension cord is required, special care and caution is necessary. Also the extension cord must be (1) marked with an electrical rating of 125 V and at least 13 A., 1625 W., and (2) the cord must be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or accidentally tripped over.

#### ELECTRIC POWER

If the electric circuit is overloaded by other appliances, your humidifier and/or appliances may not operate properly. The humidifier should be operated on a separate electrical circuit from other operating appliances.

#### POLARIZED PLUG

This humidifier has a polarized plug (one blade is wider than the other). As a safety feature to reduce the risk of electrical shock, this plug is intended to 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. Do not attempt to defeat this safety feature.



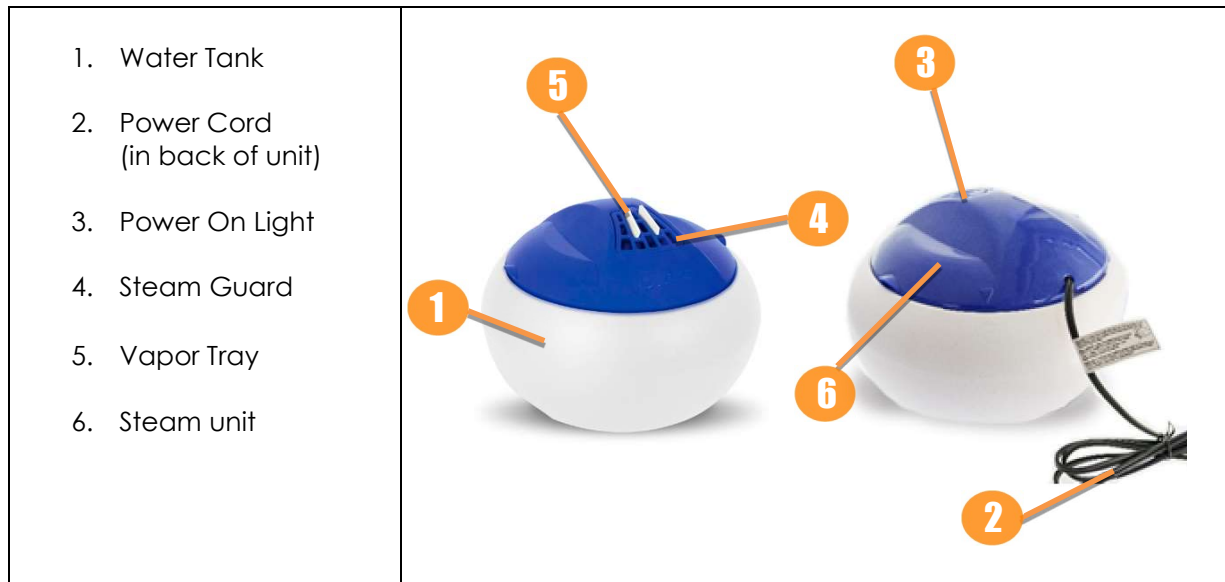
### SAFETYWARNING

Although your vaporizer is easy to operate, for your safety, the below warnings must be followed:

1. Do not place the vaporizer near a heat source.
2. Never leave the vaporizer unattended while connected to the electrical outlet.
3. To avoid any accidents, never move the vaporizer while it is in operation.
4. Use the vaporizer on a smooth, flat, lint-free, non-metallic, waterproof, and level surface away from water.
5. Do not unplug from the wall socket by pulling on the supply cord.
6. The vaporizer must be unplugged:
  - A. Before either filling or emptying the Water Basin and/or Water Tank.
  - B. Before any cleaning or maintenance is performed.
  - C. After each use.
  - D. If it appears to be faulty.

**THIS PRODUCT IS INTENDED FOR HOUSEHOLD USE ONLY.**

## LIST OF MAIN PARTS



## TECHNICAL SPECIFICATIONS

Rating Voltage	120V
Wattage	300W
Frequency	60Hz
Water Tank Capacity	1 Gallon
Run Time Per Tank	Up to 24 hours
Humidifying Capacity	Up to 250 sq. ft. / 23m <sup>2</sup>

### **BEFORE EACH USE:**

#### **CHECK VAPORIZER PLACEMENT:**

Place the Vaporizer in a stable position on a firm, flat surface at least four feet away from bedside and out of reach of children.

- Protect floor, rug or furniture by placing the vaporizer on a non-metallic, waterproof, heat-resistant surface.
- **DO NOT** direct steam flow directly at user, walls, or furniture.
- **DO NOT** place the vaporizer on or near wood, or furniture that can be damaged by too much moisture.
- **KEEP OUT OF REACH OF CHILDREN.** Steam can cause burns



### **CAUTION**

- **DO NOT** attempt to operate the humidifier without water in the Water Tank.
- **DO NOT** plug or unplug the Power Cord with wet hands as electric shock could occur.

# ASSEMBLY & USE

1. **UNRAVEL CORD BEFORE USE.** Failure to do so could cause overheating and possible fire hazard.

**NOTE:** Always unplug cord from electrical outlet before removing steam unit and when vaporizer is not in use. Always allow vaporizer to cool completely before moving, cleaning, or storing.

2. **FILL WATER TANK.** Remove steam unit. Fill water tank with tap water to **water fill line** on water tank.

**CAUTION:** Do not overfill.

3. **ADD SALT.** Add approximately 1/8 teaspoon of salt to the water and mix thoroughly. It is imperative to mix thoroughly. The salt has no effect on the purity of the steam or medication.



**CAUTION:** Too much salt can cause excessive boiling or blown fuse.

4. **REPLACE STEAM UNIT.** Hold down steam unit for ten seconds to allow water to enter the housing and seat it properly in the water tank. If steam unit floats, container is overfilled.

5. Add 1 or 2 vapor pad (HS-1950) to the vapor Tray (optional)



6. **PLACE VAPORIZER IN A SAFE LOCATION.** Vaporizer should always be placed on a firm, flat surface at least four feet away from bedside and out of the reach of children. Be sure the vaporizer is in a stable position and power cord is out of the way.
7. **VAPORIZER MEDICATIONS.** Add medication directly into the water tank. Only use medication that is designed to be used with warm steam vaporizers. Follow the dosage directions that came with the vaporizer liquid.
8. **PLUG IN.** Plug power cord into 110-120V outlet. **DO NOT** use extension cords. Within a few minutes, the vaporizer will produce of a gentle flow of steam. **If steaming does not start within ten minutes, you may need to add salt.** The vaporizer will automatically stop producing steam when water has reached minimum level. Always unplug steam unit and allow to cool before removing from water tank.

**NOTE:** Under conditions of rapid boiling and near the end of each operation, steam may emerge from both sides of the steam vent. This condition is normal, preventing over boiling by relieving steam pressure. **DO NOT lift or move the vaporizer while it is in use.**

9. **USE FRESH WATER AND MEDICATION.** Always use fresh water and medication with each use of vaporizer.
10. **AFTER EACH USE.** Empty any unused water from the tank. Shale the tank gently to remove any remaining water. Rinse the water tank thoroughly, drain and wipe with a dry, clean cloth.

## WARNING

**KEEP OUT OF REACH OF CHILDREN.** Carefully supervise children when the vaporizer is in use, especially infants and toddlers. Vaporizers produce hot steam that can cause serious burns.

### **Discoloration/Black Particles**

After use, the water residue in the bottom of the container may contain black particles caused by minerals in your water passing through the vaporizer. In some areas the water and the bottom of container may discolor. These conditions are normal and do not affect the purity of the steam or medication. The water tank is easily cleaned with soap and water. Rinse and dry the container after cleaning.

## **MAINTENANCE**

**IMPORTANT:** Failure to keep this vaporizer clean from mineral deposits normally contained in any water supply will affect the efficiency of the operation. Customer failure to follow these instructions may void warranty

**ALWAYS** DISCONNECT THE PLUG FROM THE ELECTRICAL OUTLET AND ALLOW UNIT TO COOL BEFORE CLEANING. REMOVE STEAM UNIT, LETTING ALL WATER DRAIN BACK INTO THE WATER TANK.

**DO NOT** ATTEMPT TO DISASSEMBLE THE HEATING ELEMENT. DOING SO WILL VOID WARRANTY AND COULD DAMAGE THE VAPORIZER OR CAUSE PERSONAL INJURY.

### **DAILY MAINTENANCE**

1. Always turn off and unplug from outlet before cleaning.
2. Empty water from the water tank and rinse the water tank thoroughly with water.
3. Wipe and dry water tank with a clean, dry cloth or paper towel.

### **WEEKLY MAINTENANCE**

1. Always turn off and unplug from outlet before cleaning.
2. Empty water from the water tank and rinse the water tank thoroughly with water.
3. Fill water tank with water and add 2 Tablespoons of white vinegar. Allow to soak for 20-30 minutes. Empty water tank and rinse with tap water until the smell of white vinegar is gone. Wipe and dry water tank with a clean, dry cloth or paper towel.
4. Ensure that the steam unit is safely unplugged. Soak the steam unit in about 3 ½ inches of white vinegar for approximately 10 minutes.
5. After the steam unit is done soaking, with fingers covering the bottom holes of the steam unit, add tap water to the steam outlet. Cover steam outlet with finger from other hand, shake vigorously then empty the water through the steam outlet. Repeat several times until black particles are no longer emitted, and vinegar odor is gone.
6. Be sure that steam outlet and water intake holes in the bottom of the steam unit are open and not clogged.

### **END OF SEASON AND STORING YOUR VAPORIZER**

1. Turn off, unplug from outlet, and empty water from water tank.
2. Follow instructions for weekly maintenance above.
3. Let all parts dry completely.
4. Store vaporizer in a cool, dry place.
5. DO NOT store with water inside the vaporizer



# CRANE CUSTOMER CARE

CALL US: 1-888-599-0992 (Mon-Fri 9:00am – 4:00pmCST)  
 EMAIL US: customer-service@crane-usa.com  
 LIVECHAT: available at www.crane-usa.com

## TROUBLESHOOTING

**DO NOT attempt to repair the motor yourself.**

**If the humidifier continues to not operate, please contact Crane Customer Care**

Problem	Solution
<p><i>If vaporizer does not operate or steams too slowly:</i></p>	<ul style="list-style-type: none"> <li>▪ Ensure unit is properly plugged into a power outlet.</li> <li>▪ You may need to add salt. Unplug the vaporizer from electrical outlet and allow to cool. Remove steam unit allowing hot water to first empty out. Add 1-2 pinches of salt and mix thoroughly. Replace the steam unit and plug in vaporizer. It should steam within 5 minutes. Add salt only by the PINCH, since too much salt can cause excessive boiling or blowing of fuses.</li> <li>▪ If vaporizer has been operating normally and is now failing to steam, it needs to be cleaning. See "Weekly Maintenance."</li> </ul>
<p><i>If vaporizer operates too fast, fuse blows – too much salt may have been added to the water:</i></p>	<ul style="list-style-type: none"> <li>▪ Disconnect vaporizer from electrical outlet and allow to cool. Pour out water and rinse container. Rinse steam unit as described in "Weekly Maintenance." Refill with fresh water but <b>DO NOT ADD SALT</b>.</li> <li>▪ If vaporizer now does not operate or steams too slowly, see directions above.</li> </ul>
<p><i>If vaporizer operates too fast, fuse blows – you may live in an area where minerals in the water caused the vaporizer to steam too rapidly:</i></p>	<ul style="list-style-type: none"> <li>▪ Disconnect vaporizer from electrical outlet and allow to cool. Pour out water and rinse container. Rinse steam unit as described in "Weekly Maintenance." Refill with fresh water but <b>DO NOT ADD SALT</b>.</li> <li>▪ If unit still steams too rapidly, use ½ distilled water and ½ tap water.</li> <li>▪ In "hard water" areas it is advisable to clean the unit every few days in accordance with the "Weekly Maintenance."</li> </ul>
<p><i>If vaporizer is making crackling/buzzing/humming sounds or water tank is unusually hot:</i></p>	<ul style="list-style-type: none"> <li>▪ You may have added too much salt.</li> <li>▪ You may live in a "hard water" area.</li> <li>▪ The water level may be low. Disconnect vaporizer from electrical outlet, allow to cool, remove steam unit allowing hot water to run out. Fill container with tap water to water fill line.</li> <li>▪ You may need to clean your vaporizer. Refer to the</li> <li>▪ "Weekly Maintenance."</li> </ul>

## VAPOR PAD PRECAUTION

- Not recommended for infants under 10 lbs (4.5 kg).
- For children between 10-22 lbs (4.5 kg) do not use more than 2 pads in a 24 hour period.

## VAPOR PADS (HS-1950)

**INGREDIENTS:** *Eucalyptus Oil, Menthol, Peppermint Oil, Spearmint Oil, and Others.*

**CAUTION:** Do not ingest vapor pads. Keep out of reach of children and pets at all times. If you are pregnant, breastfeeding, or have asthma, consult a doctor before use.

**DO NOT USE** if you suffer from epilepsy, pads may irritate skin and eyes. In case of irritation on skin or contact with eyes, rinse with plenty of water and seek medical advice. If accidentally ingested, seek medical advice immediately. In case of any discomfort stop usage and seek medical advice.

**DO NOT** place in microwave.

**DO NOT** place exposed pad on furniture, fabrics, bedding and plastics.

**DO NOT** add any liquids to the pad.

**WARNING:** VAPOR PAD MAY PRESENT A CHOKING HAZARD.

# CRANE WARRANTY

For more information regarding the warranty policy,  
please visit our website: [www.crane-usa.com/customer-service](http://www.crane-usa.com/customer-service)

## LIMITED WARRANTY

Thank you for purchasing a Crane product which has been tested to meet our stringent quality standards. This product is warranted to be free from manufacturing defects under normal use and conditions for 1 year.

**PLEASE CONTACT US BEFORE RETURNING THIS PRODUCT TO THE STORE.  
CALL CRANE CUSTOMER CARE FOR PROBLEMS AND QUESTIONS. WE CAN HELP.**

### WARRANTY REQUIRES A DATED PROOF OF PURCHASE.

This warranty is void if the defect is due to accidental damage, misuse, abuse, neglect, improper repair or alteration by unauthorized persons, or a failure to follow operating instructions provided with the product **including the use of essential oils directly into the tank and base**. This warranty does not apply to normal wear and tear or commercial use.

In no event shall liability exceed the purchase price paid by the purchaser of the product. Under no circumstances shall there be liability for any loss – direct, indirect or incidental – or consequential damage arising out of, or in connection with the use of this product.

**This warranty is valid only in the 48 contiguous states plus the District of Columbia** and excludes Puerto Rico and the Virgin Islands. This warranty is effective only if the product is purchased and operated in the United States of America.

Any instructions or warranty included in this manual may be subject to change without notice. For the most up-to-date instructions and warranty information, please contact us or visit our website.

**TO RECEIVE WARRANTY INSTRUCTIONS AND RETURN AUTHORIZATION,  
PLEASE CALL OR EMAIL CRANE CUSTOMER CARE.**

**CRANE USA, INC.**  
1015 Hawthorn Dr., Itasca, IL 60143

Toll Free: 1-888-599-0992 (Monday - Friday 9:00am - 4:00pm CST)  
Email: [customer-service@crane-usa.com](mailto:customer-service@crane-usa.com)  
Website: [www.crane-usa.com](http://www.crane-usa.com)

*Crane*

DESIGN FOR BETTER LIVING