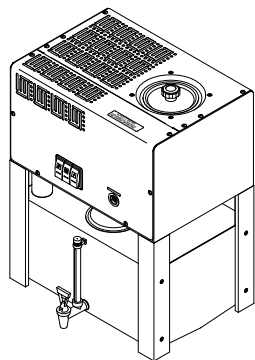


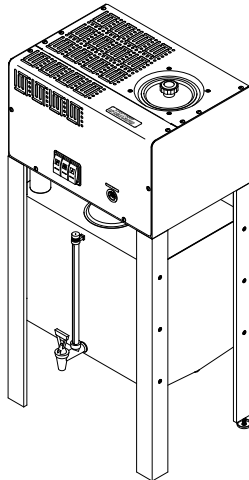


LifeMist Distillers Owner's Guide

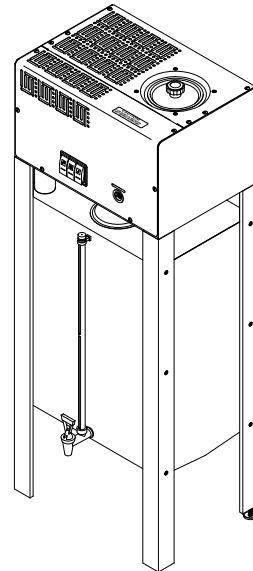
For Model: LM G-2



MODEL: LM G2-5



MODEL: LM G2-10



MODEL: LM G2-20

LifeMist Home Products Headquarters
9024-100 St
Westlock, AB Canada
T7P 2L4

<http://www.lifemist.com>
Phone: Your Local Dealer
Fax: Your Local Dealer

**Please Read Owners' Guide
completely before installing
or operating
your LifeMist Distiller.**

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Introduction

Congratulations on the purchase of the most advanced LifeMist Distiller in the industry! When installed and maintained professionally, your LifeMist Distiller will provide years of safe, trouble free service. If you have any questions or concerns regarding installation or operation of your LifeMist Distiller, please contact your Distributor.

All 120 VAC LifeMist Distillers are certified to cCSAus Classes 2831-02 and 2831-82 under the Canadian and American Electrical Code.

All LifeMist Distillers are factory tested with a high voltage 'Dielectric Strength Test' to check for short circuits in the LifeMist Distiller prior to shipping.

LifeMist Distillers have been tested by EnviroTest Laboratories, which found the water distillation units to be very effective water treatment systems capable of removing both harmful pathogens and toxic chemicals from water. In their study all pathogens were eliminated and none were found in the distilled water. The water distillation system also effectively removed all of the soluble inorganic chemicals tested. Removal efficiencies of 99% or greater were achieved.

All LifeMist Distillers are operated and tested at the factory and have produced distilled water to make sure all components are functioning properly. All LifeMist Distillers are wiped clean before shipping, but there may be a water ring inside the boiling chamber. There may also be an off-color line at the seams of the storage and boiling chamber. This is caused by the TIG welding process used during manufacturing. This is normal and is not a sign of a problem. Follow all the **Before Initial LifeMist Distiller Operation** procedures and you will have pure water in no time.

Your LifeMist Distiller must be installed according to any and all Local or State Regulations.

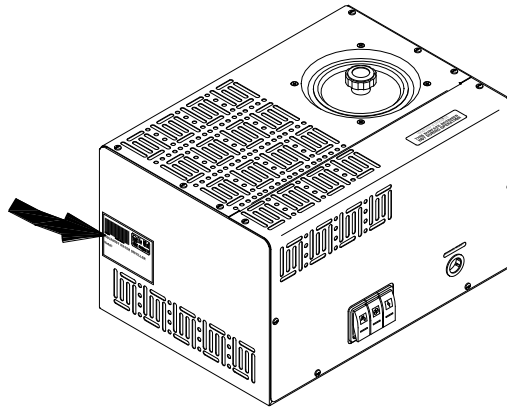
ATTENTION!

To stay within warranty compliance, it is important to observe and follow the safety and maintenance instructions carefully. These instructions include semi-annual service calls by your authorized LifeMist Home Products Dealer. In some cases, customers prefer service calls on a more frequent basis. Raw water quality will determine your schedule. To find out how often you should service your distiller, see page 32. To locate the Dealer nearest you, phone our corporate headquarters at (780) 349-4992 or fax at (780) 349-4957.

Records

Please record all of the important information below to assist you and the service center in case there is any service work required in the future. All of the information is required to properly identify your LifeMist Distiller and will make servicing much easier. The information is located on the serial plate on the side of the LifeMist Distiller head. The **Serial Plate Location** Diagram below shows a sample serial plate.

Serial Plate Location Diagram



LifeMist Model: G-2 Head G2-5 G2-10 G2-20

Series: *eg: 0001*

Serial Number: *eg: 0123012*

Date of Purchase: _____

Optional Pump Kit Model: APK-1 APK-2

Optional Pump Serial No: _____

Series: _____

Optional Drain Serial No: _____

Series: _____

LifeMist Distiller Warranty

- All G2 Series LifeMist Distillers come with a 2/15 warranty. This covers the entire system for two years with the stainless steel guaranteed for 15 years. With this warranty it is the responsibility of the distiller owner to properly maintain the distiller. If there is any misuse or abuse the 2/15 warranty will be void.
- LifeMist Home Products does not warrant any transportation charges incurred to complete the repair. The distiller owner is responsible for all shipping charges to and from the service center.
- Warranty is void if the distiller is found to have been consumer damaged or misused, caused by acts of God, unauthorized alteration, repair or vandalism.

Important Safety Precautions

When using electrical appliances, basic safety precautions should always be followed including the following:

1. **Read all instructions.**
2. Do not touch hot surfaces. Use handles or knobs.
3. To protect against electrical shock do not immerse cords or plugs in water or other liquid.
4. Close supervision is necessary when any appliance is used near children.
5. Do not allow children to operate this appliance.
6. Unplug from outlet when not in use and before cleaning. Allow cooling before putting on or taking off parts.
7. Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions or has been damaged in any manner. Return appliance to the nearest service facility for examination, repair or adjustment.
8. The use of accessory attachments not recommended by the appliance manufacturer may cause injuries.
9. **Do not use outdoors.**
10. Do not let cord hang over edge of table counter, or touch hot surfaces.
11. Do not place on or near a hot gas or electric burner, or in a heated oven.
12. Extreme caution must be used when moving an appliance containing hot water.
13. Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any controls to "off", then remove plug from wall outlet.
14. **This appliance is intended for household use.**
15. **Save these instructions.**

Additional Safety Recommendations

1. Always unplug appliance before servicing.
2. Do not use extension cords with appliance.
3. Ensure there is adequate air space around the appliance to allow the heat from the appliance to be removed and supply adequate fresh air for cooling.

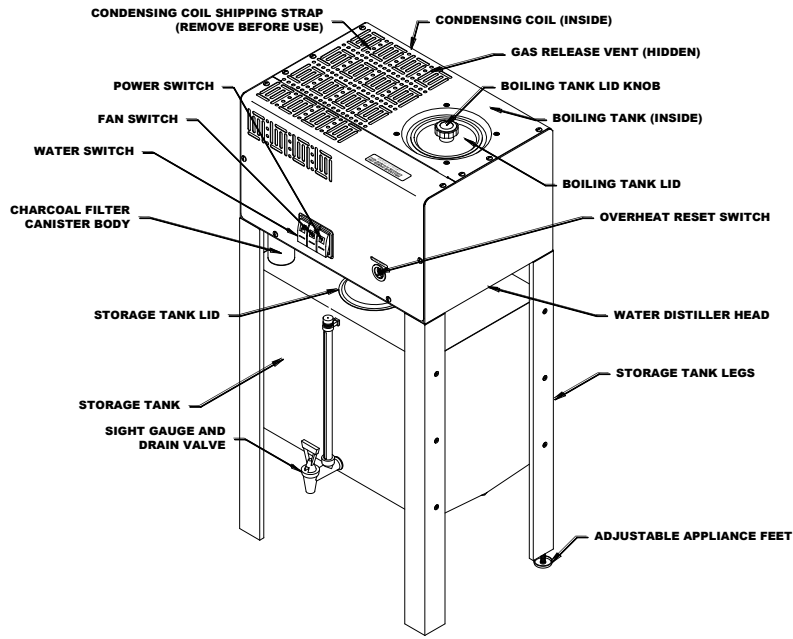
LifeMist Distiller Owner's Summary

The following is a summary of the information contained in this Owners' Guide and required to install and operate your LifeMist Distiller

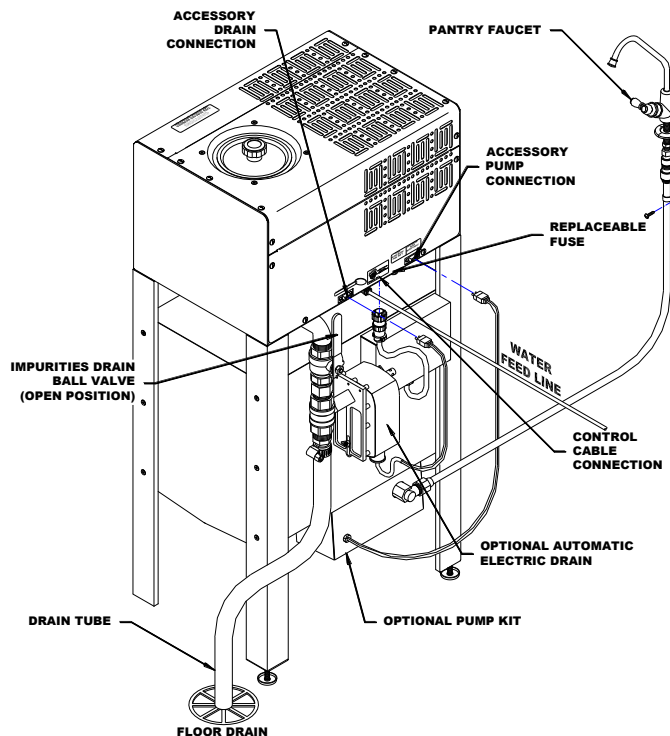
- 1) Find a good location for installing your LifeMist Distiller – See **Finding a Good Installation Location.**
- 2) Unpack the LifeMist Distiller and parts - See **Unpacking**
- 3) Assemble the LifeMist Distiller – See
Storage Tank Assembly
Manual Drain Valve and Tube Installation
Distiller Leveling
Feed Water Line Connection
Boiling chamber Lid Installation
Wall Mounting
- 4) Install all purchased Options - See **Optional Accessories** for installation instructions.
- 5) Steam sterilize boiling chamber and storage tank – See **Steam Sterilization** in the **Maintenance and Cleaning** section.
- 6) Load Charcoal Filter Canister – See **Replacing Charcoal in Charcoal Canister Filter** in the **Maintenance and Cleaning** section.
- 7) Enjoy pure, distilled water!

LifeMist Distiller Features

LifeMist Distiller Front View



LifeMist Distiller Rear View



10 Factors That Will Affect Your LifeMist Distiller Production

1. Water Volume Measurement

- a) How are you measuring your water? The most accurate is by weight.
1 litre of pure water = 1 kg = 1000 g = 2.2046 lbs
- b) LifeMist Distillers are rated in US gallons, NOT Imperial Gallons.
1 US Gallon = 3.785 litres = 3.785kg = 8.344 lbs = 0.833 Imp. Gallons
- c) Most distilled water holding tanks do not completely drain from the tap or pump. Ensure this volume of water is included in your calculation by completely draining the tank or starting your production check with this volume pre-filled.

2. Line Voltage

The line voltage at the outlet where the distiller is connected should be checked with a voltmeter. Line voltage is often much less than expected, especially in rural areas. Line voltage will also usually drop off dramatically when the daily commercial load hit the grid from approximately 8 am to 5 pm (often when the distiller owner is not home and unable to check the line voltage). Line voltage lower than the distiller rated voltage (on the serial plate) will drastically lower the water production.

3. Feed Water Temperature

The water feeding the machine may affect the water production. Cooler feed water will take more time/energy to heat to the boiling point. Using a water supply from the outlet of a hot water heater is not recommended, as the benefit of using hot water is very small because only small amounts of water enter the boiling chamber of the LifeMist Distiller.

4. Ambient Air Temperature

LifeMist Distillers with cooling fans must have sufficient ventilation so that the boiled water can be cooled and condensed into distilled water. Restriction of air flow (such as a closed cupboard) will result in a hot ambient air build up which will not allow all of the steam to condense into distilled water and some water production may escape as steam into the atmosphere through the charcoal filter or volatile gas release vent. This steam loss can also occur in hot summer periods or very warm climates.

5. Heating Element and Boiler Cleanliness

As the LifeMist Distiller removes impurities some of the impurities may cling to the boiling chamber and the heating element. Any of this scale may build up around the heating element and actually insulate it, which will drastically decrease the thermal efficiency of the heating element and require more time/energy to boil the water, which will decrease the water production.

6. Altitude

The LifeMist Distiller is rated at the altitude of the manufacturer, which is approximately 675m (2214ft) above sea level. Locations lower than this (closer to sea level) will have reduced water production due to the higher boiling point of water at higher atmospheric pressures at lower altitudes.

7. Operating Time, Warm-up Period & Suitable Storage

When checking the LifeMist Distiller production, the start time should be when the first few drops of water have entered the charcoal filter canister. Do not start timing when the distiller turns on as it takes a few minutes for the heating element, boiling chamber and water to heat up. The distiller production rating does NOT account for this time but rather the continuous production after the distiller is up to temperature. Ensure when checking production that you have suitable water storage for holding the amount of water that will be produced (i.e. 8 or 12 US gallons), as many distillers do not have tanks large enough to store 24 hours of water production.

8. Manual Fill Boiling chamber Fill Level

When checking the water distillation production on manual fill LifeMist Distillers (or in automatic fill LifeMist Distillers being used as manual fill) the amount of water initially poured into the boiling chamber will affect the production. Water should be filled to the water level pin so that once the water is hot the maximum amount of water can be distilled without having to refill. Under-filling the boiler will decrease the amount of water distilled. Again, the warm-up time should not be included in the production rate.

9. Boiling chamber Heating Element

In rare occasions the heating element voltage may not be correct. Ensure that the voltage stamped onto the heating element flange on the outside front of the heating element matches the voltage on the LifeMist Distiller serial plate. Always replace heating elements with the manufacturers supplied heating elements. Other elements are available from hardware stores, home repair centers etc. that look like the same element but they are almost always not the same. Even if the voltage and wattage are the same, they usually have different wattage densities and most likely different element sheath materials, which will result in premature heater burnout in continuous water distillation of raw water. These heating elements will also likely affect your water distillation capacity.

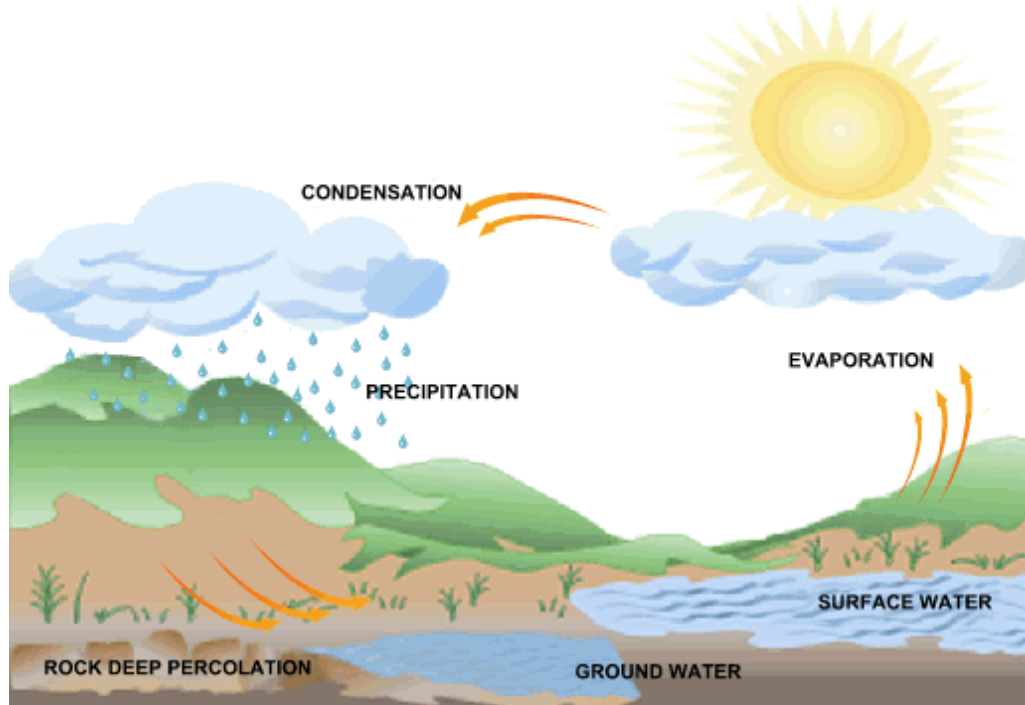
10. Combination of the above Factors

Often a reduced LifeMist Distiller's production is a combination of many or all of the above factors. To ensure maximum production from your LifeMist Distiller, keep your LifeMist Distiller clean and operate it in a well-ventilated area and use room temperature feed water where possible. Take advantage of semi-annual service calls from your authorized LifeMist Home Products Dealer. To find the Dealer nearest you, call the corporate headquarters at (780) 349-4992 or fax at (780) 349-4957.

Understanding How Pure Water is Produced

Your LifeMist Distiller operates the same as Nature's hydrological cycle. See the **Hydrological Cycle Diagram** below. Nature uses the heat of the sun to vaporize surface water and draw it into the atmosphere leaving the impurities behind. As the vapor cools it condenses and returns back to the earth as rain or snow. When rain or snow falls it passes through smog, dust and many other types of contaminants. These contaminants can be picked up by the falling rain or snow. Additional contamination of water can occur when it moves through the ground.

Hydrological Cycle Diagram



LifeMist Distillers complete their own hydrological cycle. The advantage of a LifeMist Distiller over Nature is that the water is produced in a closed environment free of pollution and contaminants.

Your LifeMist Distiller uses the boiling chamber to heat the feed water to create steam. The steam rises from the boiling chamber leaving almost all of the impurities behind. The steam enters the condensing coil and is cooled by the fan. As the steam cools it condenses into pure distilled water and is stored in a stainless steel storage tank. The charcoal filter between the condensing coil and storage tank removes any contaminants that boil at lower temperatures than the boiling point of water. The impurities from the process remain in the boiling chamber and are drained to a suitable drain.



Finding a Good Installation Location

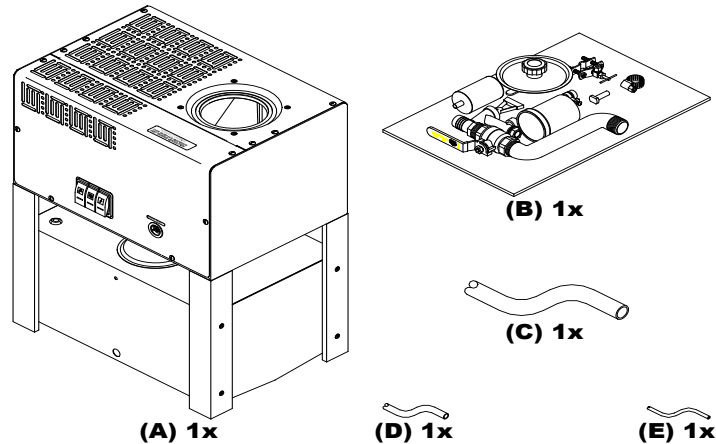
Before installing your LifeMist Distiller it is important to find a good location. Following the points listed below will provide the best location for your LifeMist Distiller:

1. The LifeMist Distiller must be plugged directly into a dedicated 110VAC, 15 Amp wall outlet.
2. The LifeMist Distiller requires sufficient airflow around it to operate. The air is used to cool the LifeMist Distiller condensing coil. Locate the LifeMist Distiller in an area that will provide enough room for good airflow. Do not place the LifeMist Distiller in an enclosed area like a closet.
3. When using the Automatic Feed Water Line Connection to the LifeMist Distiller, locate the LifeMist Distiller close to a household cold water line.
4. Locate the LifeMist Distiller where a pail or suitable container can be used for the impurities drain. Close to a floor drain (sewer) is best especially if the Automatic Drain Kit is installed.
5. When unpacking the LifeMist Distiller and options note the sizes and consider this when picking an installation location.
6. Locate the LifeMist Distiller away from a bedroom or other area where the noise of the LifeMist Distiller may be undesirable.
7. Locate the LifeMist Distiller close to the kitchen faucet area if the automatic pump option is being used.
8. Locate the LifeMist Distiller in an area that is clean and free of dust so the cooling coils remain clean when the fan is drawing fresh air.

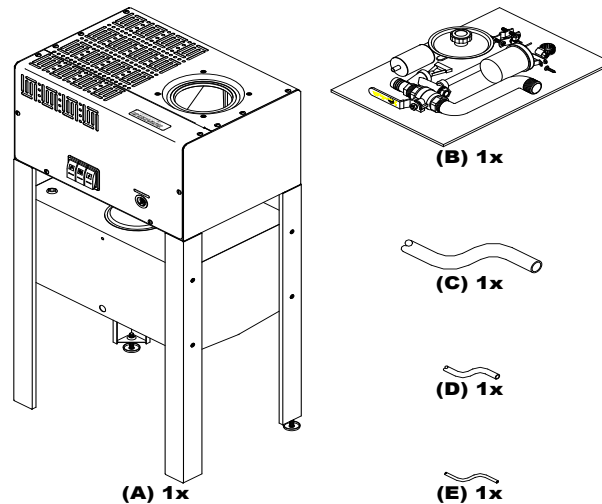
Unpacking Your LifeMist Distiller

Any optional accessories have been shipped in a separate box(s). The **LifeMist Distiller Box Components Diagram** below shows all of the parts that will be in the LifeMist Distiller box.

LifeMist Distiller Box Components Diagram- G2-5



LifeMist Distiller Box Components Diagram- G2-10

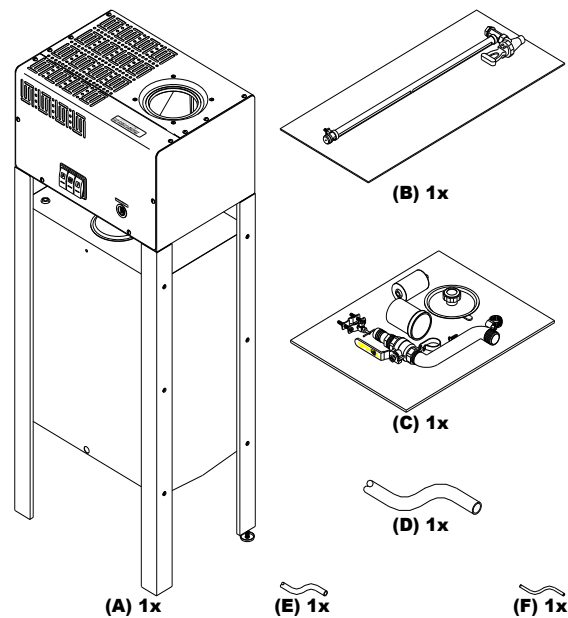


LifeMist Distiller Box Check List – G2-5 / G2-10

Check List

- (A) 1 – LifeMist Distiller Head and Storage Tank
- (B) 1 – Sight gauge with valve and parts box with unpacking instructions
- (C) 4' – 1" x 1 1/4" Drain Tube
- (D) 4' – Sterilization Drip Tube
- (E) 16' – 1/4" Feed Line

LifeMist Distiller Box Components Diagram- G2-20

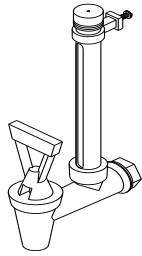


LifeMist Distiller Box Check List- G2-20

Check List

- (A) 1– LifeMist Distiller Head and Storage Tank
- (B) 1– Sight gauge with valve
- (C) 1– Parts box with unpacking instructions
- (D) 4’– 1” x 1 ¼” Drain Tube
- (E) 4’– Sterilization Drip Tube
- (F) 16’– ¼” Feed Line

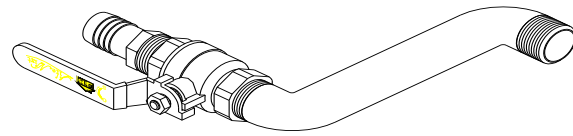
LifeMist Distiller Parts Box Components Models Diagram – G2-5



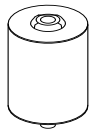
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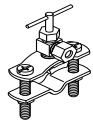
(B) 1x



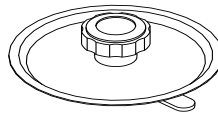
(C) 1x



(D) 1x



(E) 1x



(F) 1x



(G) 1x



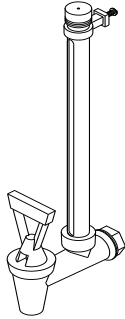
(H) 1x

LifeMist Distiller Parts Box Check List – G2-5

Check

| Check List | Part No. | |
|------------------------------|----------|---|
| <input type="checkbox"/> (A) | 080043 | 1 – Sight Gauge and Valve |
| <input type="checkbox"/> (B) | 530158 | 1 – Sample Coconut Charcoal |
| <input type="checkbox"/> (C) | 530164 | 1 – Elbow – Valve Assembly, 1” MPT, Drain |
| <input type="checkbox"/> (D) | 530211 | 1 – Stainless Steel Canister |
| <input type="checkbox"/> (E) | 036005 | 1 – Valve Kit, Self Piercing |
| <input type="checkbox"/> (F) | 500319 | 1 – Boiling chamber Lid |
| <input type="checkbox"/> (G) | 034014 | 1 – 3/8” Stem Plug |
| <input type="checkbox"/> (H) | 080121 | 1 – 1 1/4” Gear Clamp |

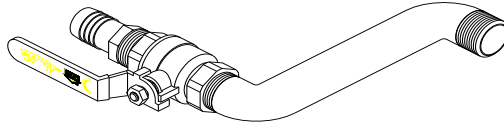
LifeMist Distiller Parts Box Components Models Diagram – G2-10



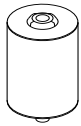
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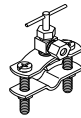
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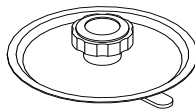
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(D) 1x



(E) 1x



(F) 1x



(G) 1x



(H) 1x



(I) 1x

LifeMist Distiller Parts Box Check List – G2-10

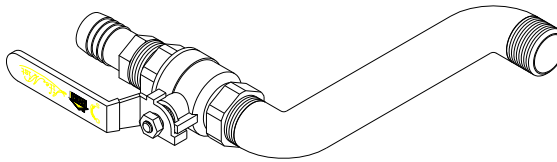
Check

| List | Part No. | |
|------------------------------|----------|---|
| <input type="checkbox"/> (A) | 080122 | 1 – Sight Gauge and Valve |
| <input type="checkbox"/> (B) | 530158 | 1 – Sample Coconut Charcoal |
| <input type="checkbox"/> (C) | 530164 | 1 – Elbow – Valve Assembly, 1" MPT, Drain |
| <input type="checkbox"/> (D) | 530211 | 1 – Stainless Steel Canister |
| <input type="checkbox"/> (E) | 036005 | 1 – Valve Kit, Self Piercing |
| <input type="checkbox"/> (F) | 500319 | 1 – Boiling chamber Lid |
| <input type="checkbox"/> (G) | 054020 | 1 – 1 1/4" Distiller Support Clip |
| <input type="checkbox"/> (H) | 010008 | 1 – No. 10 x 1" Screw |
| <input type="checkbox"/> (I) | 080121 | 1 – 1 1/4" Gear Clamp |

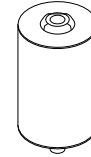
LifeMist Distiller Parts Box Components Models Diagram – G2-20



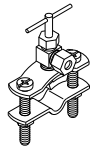
(A) 1x



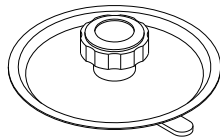
(B) 1x



(C) 1x



(D) 1x



(E) 1x



(F) 1x



(G) 1x

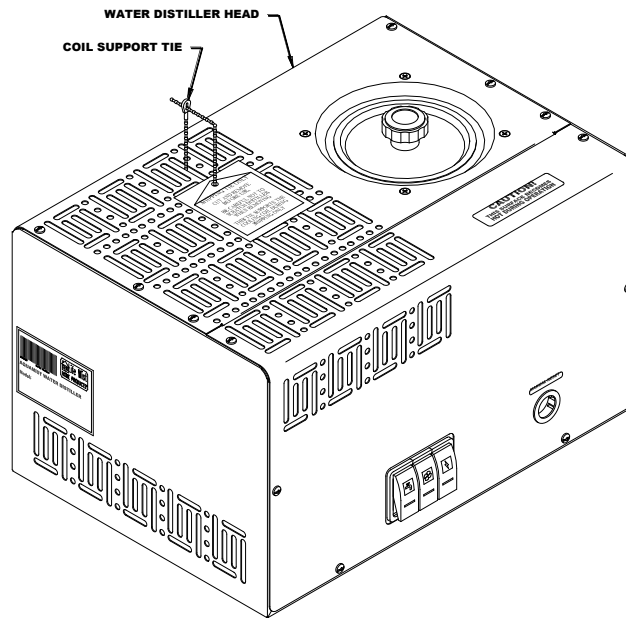


(H) 1x

LifeMist Distiller Parts Box Check List – G2-20

Check

| List | Part No. | |
|------------------------------|----------|---|
| <input type="checkbox"/> (A) | 530158 | 1 – Sample Coconut Charcoal |
| <input type="checkbox"/> (B) | 530164 | 1 – Elbow – Valve Assembly, 1” MPT, Drain |
| <input type="checkbox"/> (C) | 500211 | 1 – Stainless Steel Canister |
| <input type="checkbox"/> (D) | 036005 | 1 – Valve Kit, Self Piercing |
| <input type="checkbox"/> (E) | 500319 | 1 – Boiling chamber Lid |
| <input type="checkbox"/> (F) | 054020 | 1 – 1 ¼” Distiller Support Clip |
| <input type="checkbox"/> (G) | 010008 | 1 – No. 10 x 1” Screw |
| <input type="checkbox"/> (H) | 080121 | 1 – 1 ¼” Gear Clamp |

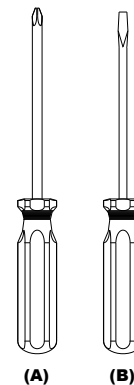


Shipping Tie Removal Diagram

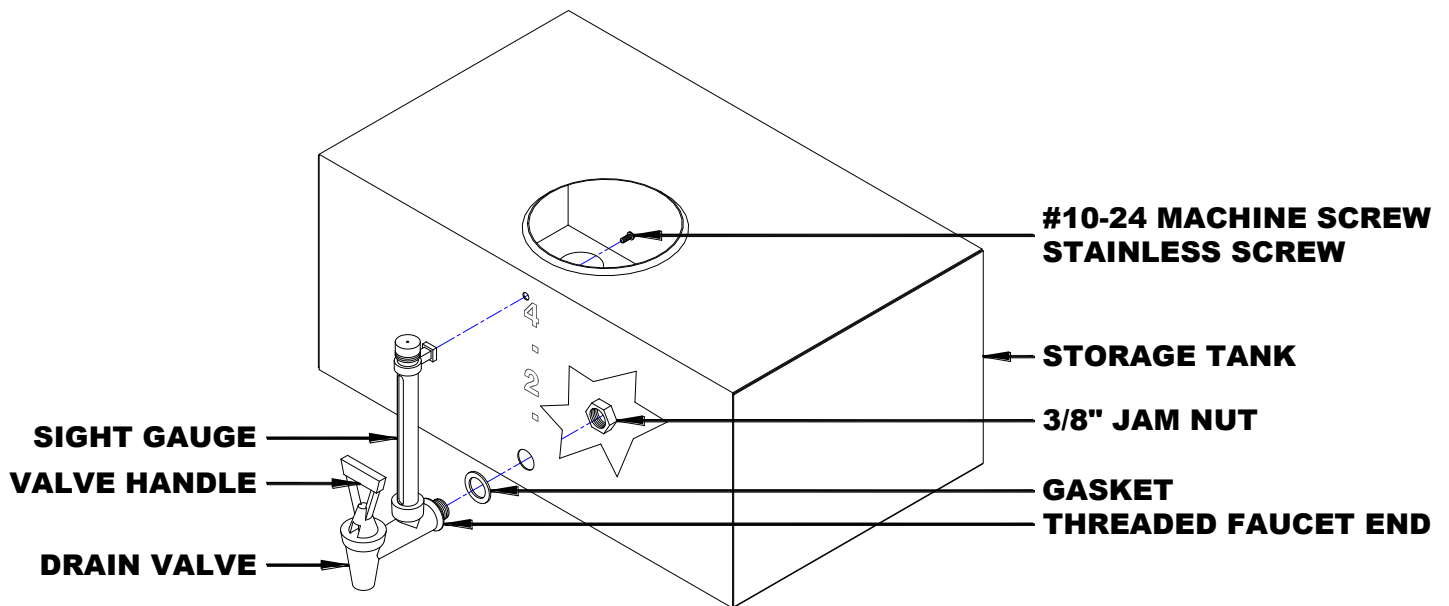
Refer to **Shipping Tie Removal** Diagram above. Cut/Remove the shipping tie located on the top of the LifeMist Distiller head. Be careful not to scratch the LifeMist Distiller when removing. This tie supports the cooling coil during shipping only.

LifeMist Distiller Installation Tools

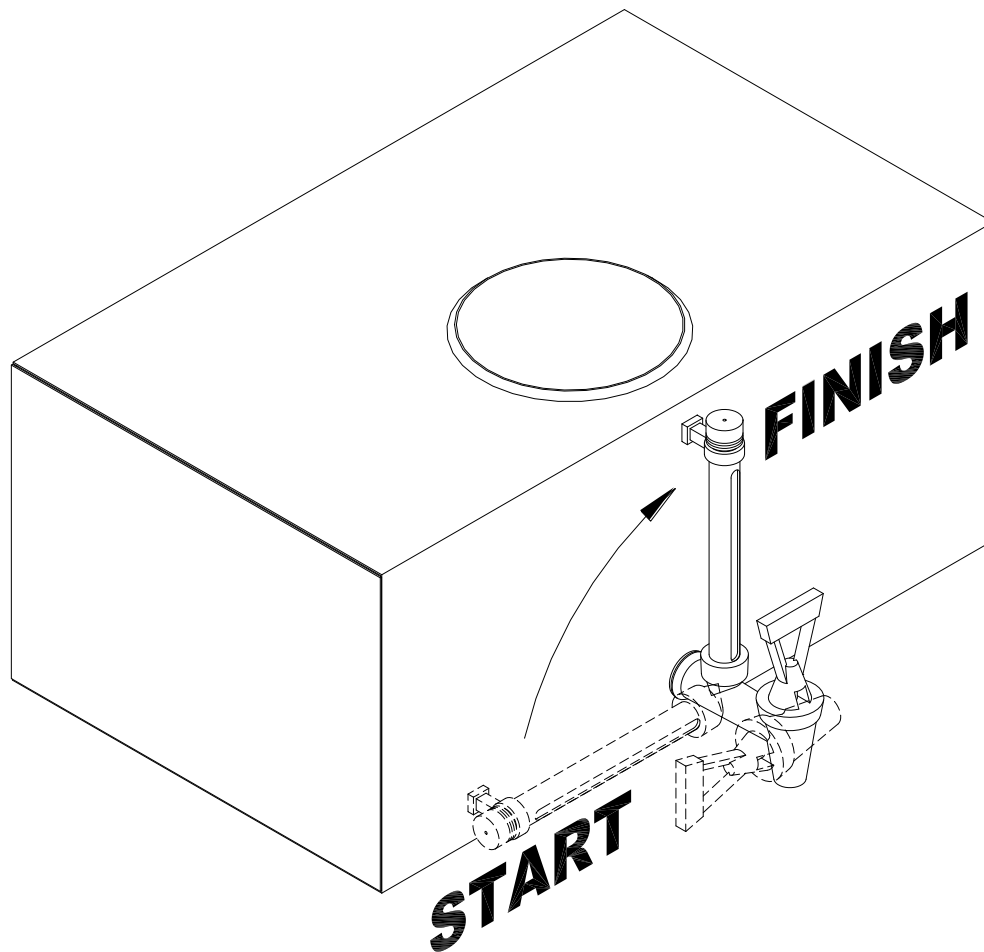
TOOLS REQUIRED:
For LifeMist Distiller Installation
(A) Phillips screwdriver
(B) Slotted screwdriver



Storage Tank Assembly



1. Remove the sight gauge with valve from the cardboard packaging or parts box.
Sight Gauge Installation Diagram
2. Refer to **Sight Gauge Installation** Diagram above. Remove the plastic hex jam nut from the threaded body of the valve (leaving water gasket on threads).
3. Remove the storage tank lid by holding down on the lid and turning the black knob counter clockwise approximately five turns. Slide the lid to one side and turn the knob and lid together while tilting. This should allow the Tee Bar bracket under the lid to come out of the tank opening. Slide the lid out.
4. Push the gasket tightly up against the valve.
5. Insert the threaded valve end with gasket attached through the hole on the front of the storage tank.
6. While holding the sight gauge with valve in the storage tank hole with one hand, insert your other hand with the plastic hex jam nut through the storage tank lid opening.
7. Place the hex nut onto the threaded end of the valve.
8. Hand tighten the hex nut clockwise onto the valve.



Tightening Sight Gauge Nut Diagram

9. Refer to the **Tightening Sight Gauge** Diagram above. To fully tighten the nut, turn the valve counter-clockwise $\frac{1}{4}$ of a turn to the start position and ensure that the jam nut is still hand tight. Holding the jam nut, turn the valve clockwise until upright at the finish position.

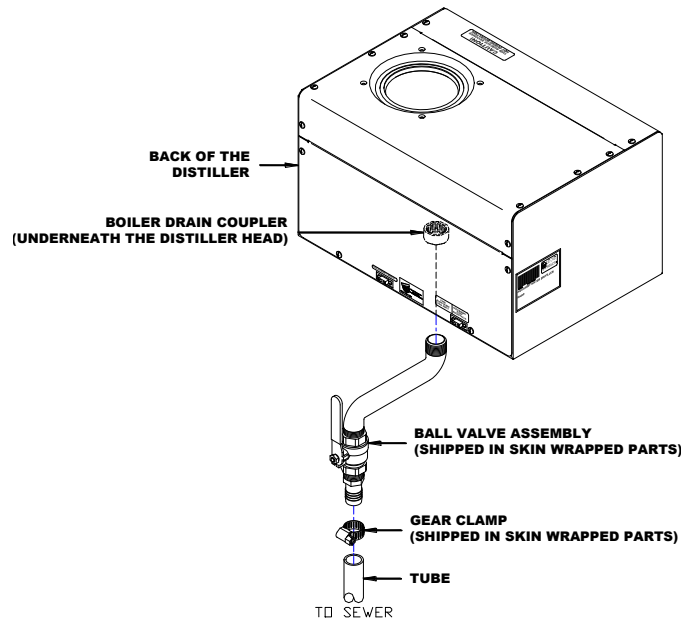
NOTE: The sight gauge is fragile; do not push on the gauge (push on bottom near threaded area).

10. Remove the #10-24 screw from the sight gauge support and install through the inside of the storage tank using a Phillips screwdriver. Tighten until snug only.
11. Make sure the storage tank is free from any dust or material and replace the storage tank lid.
12. Check for leaks when storage tank begins filling.

Manual Drain Valve and Tube Installation

1. Refer to the **Manual Drain Valve and Tube Installation Diagram** below. Thread the ball valve assembly onto the drain elbow nipple assembly and turn clockwise until tight. Position as shown.

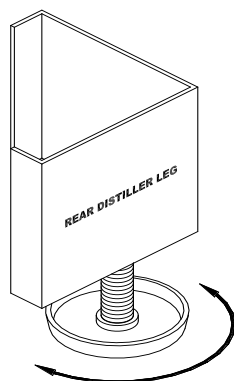
NOTE: If you have purchased the Automatic Electric Drain Kit, Go to the **Automatic Electric Drain Kit Installation** section of the guide and install it now.



Manual Drain Valve and Tube Installation Diagram

2. Push the drain tube onto the ball valve assembly and secure with gear clamp using a slotted screwdriver. Run the drain tube to a container or suitable floor drain like the sewer.

LifeMist Distiller Leveling



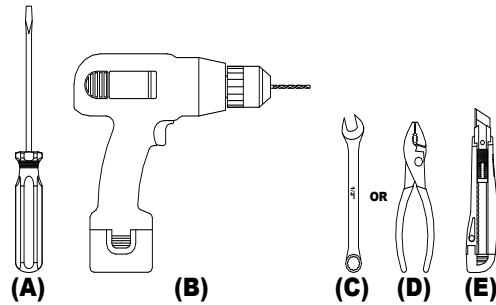
See **LifeMist Distiller Leveling Diagram**. Screw the rear adjustable appliance feet in or out so the LifeMist Distiller is level and does not rock and is secure on all four legs.

LifeMist Distiller Leveling Diagram

Feed Water Line Connection

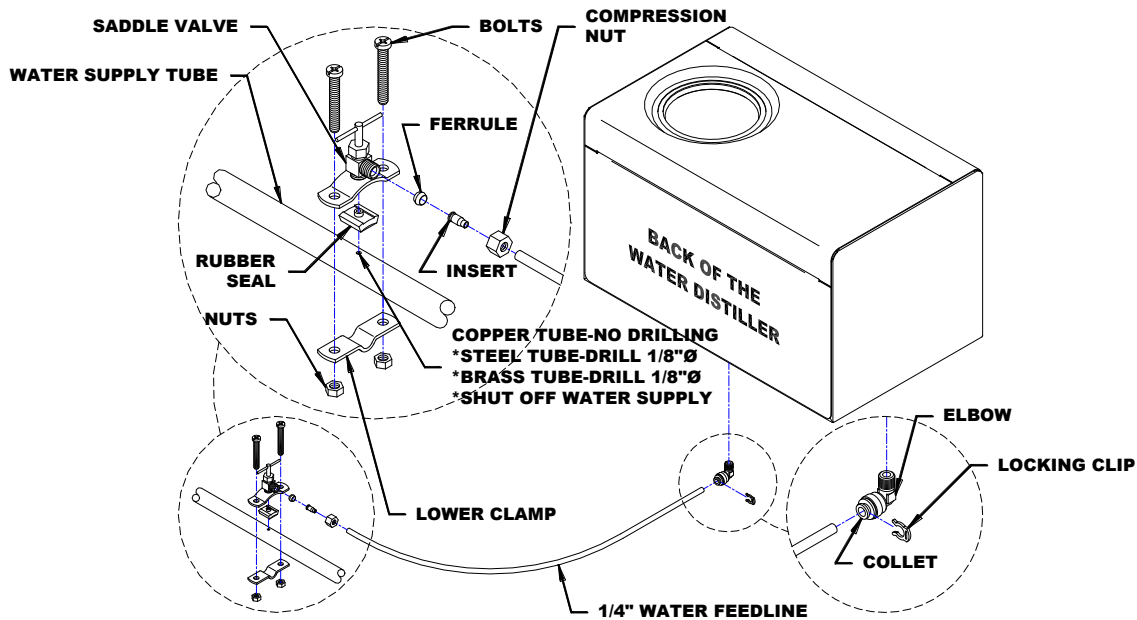
TOOLS REQUIRED: For Feed Water Line Connection

- (A) Slotted Screwdriver
- (B) Drill with 1/8" drill bit (For Steel or Brass Tubing)
- (C) 1/2" Open End Wrench or
- (D) Pliers
- (E) Utility Knife



1. Select a household water line to supply the LifeMist Distiller with feed water, be sure to use a cold water line and pick a suitable location closest to the LifeMist Distiller location.

NOTE: If you have a water softener be sure to connect the LifeMist Distiller feed line on the outlet side of the softener, as soft water will reduce cleaning and maintaining of the LifeMist Distiller. Using a water supply from the outlet of a hot water heater is not recommended as the benefit of using hot water is very small because only small amounts of water enters the boiling chamber of the LifeMist Distiller.



Feed Water Line Installation Diagram

2. Refer to the **Feed Water Line Installation Diagram** above. Install the self-piercing valve kit onto the household water feed line with a slotted screwdriver. See the detailed instructions for installing the valve, listed below.

Instructions:

For Copper and Plastic Tubing:

NO DRILLING OR WATER SHUT– OFF REQUIRED.

Caution: Be Sure Piercing Pin is completely backed up into valve body by turning handle counter-clockwise.

1. Loosely assemble one side of top clamp to bottom clamp with screw and nut provided.
2. Be sure rubber gasket is in place over piercing needle and position valve assembly on copper or plastic water line.
3. Assemble other side of top clamp to bottom clamp with remaining screw and nut and tighten both pieces with a slotted screwdriver until valve assembly is firmly attached to water line.
4. Complete compression connection to valve outlet.
5. Turn valve handle clockwise to pierce the supply line and close the valve.
6. Open valve by turning handle counter-clockwise to desired water flow rate.

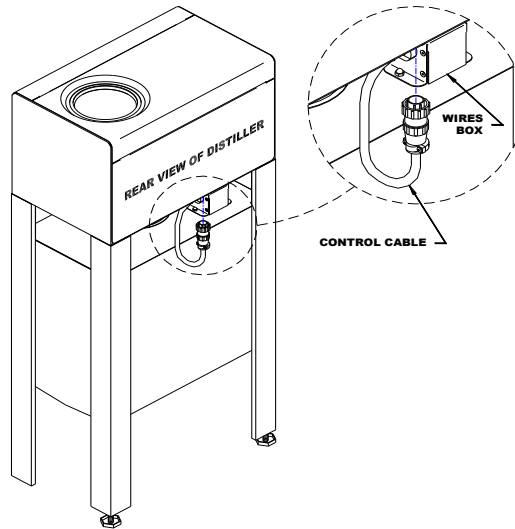
For Steel and Brass Tubing:

1. Turn off the household water supply.
2. Drill a 1/8" hole at the bottom of the steel or brass tubing used for the LifeMist Distiller water feed line
3. Loosely assemble one side of top clamp to bottom clamp with screw and nut provided.
4. Be sure the Piercing pin is turned into the valve body. Place the rubber gasket over the piercing needle and position needle into drilled 1/8" hole.
5. Assemble other side of top clamp and bottom clamp with remaining screw and nut and tighten both pieces with a slotted screwdriver until valve assembly is firmly attached to the water line.
6. Complete compression connection to valve outlet.
7. Turn on household water supply.
8. Open flow rate by turning saddle valve handle counter-clockwise to desired flow rate.

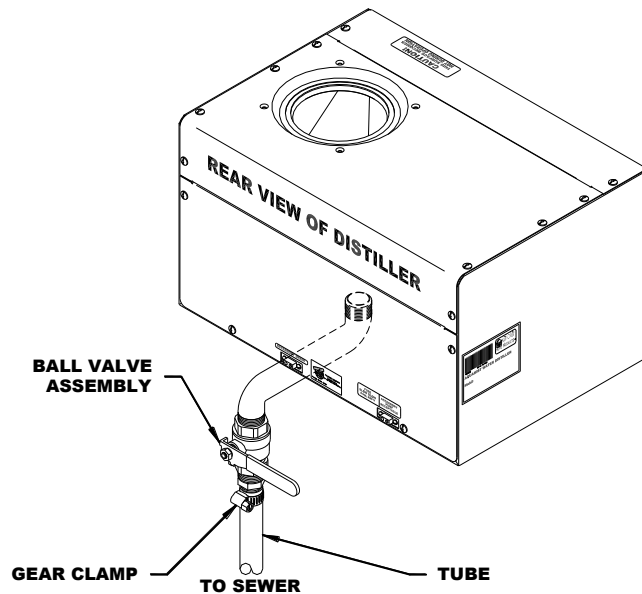
3. Attach the 1/4" water line to the self piercing valve with a ferrule, insert and compression nut using a 1/2" open-end wrench. Route the 1/4" tubing to the inlet on the back of the LifeMist Distiller head. Cut approximately one foot longer than needed with suitable water line routing.
4. Remove the existing piece of 1/4" tubing from the elbow on the bottom rear of the LifeMist Distiller head using a slotted screwdriver to remove the locking clip on the elbow. Push in on the dark grey collet evenly on both sides and pull out the piece of 1/4" tubing.

5. Push the ¼" household feed line fully into the elbow and reinstall the locking clip between the elbow and collet.
6. Make sure the Control Cable is connected between the LifeMist Distiller head and the storage tank by turning the plug until the splines lock and then turn the locking ring until tight. See the **Control Cable Connection Diagram** below.

Control Cable Connection Diagram



Boiling Chamber Drain Valve Diagram

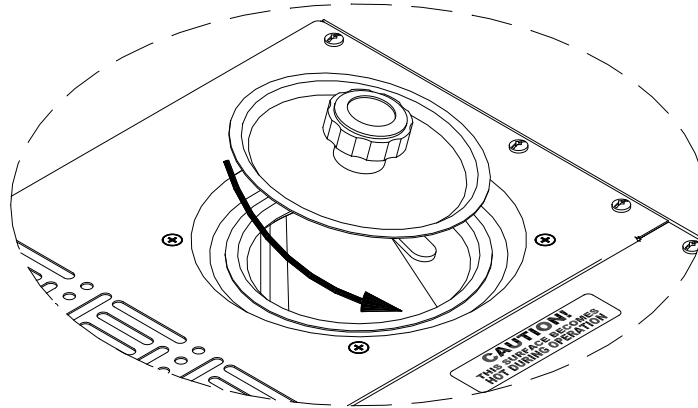


7. Refer to the **Boiling Chamber Drain Valve Diagram** above. Close the boiling chamber drain ball valve at the rear of the LifeMist Distiller (ball valve is shown in the close position). Tighten the saddle valve handle completely by turning clockwise to pierce the water supply line (copper or plastic pipe only). Open the water supply to the LifeMist Distiller by turning the saddle valve handle counter-clockwise. Check for leaks.

Boiling chamber Lid Installation

1. Remove any protective plastic coating (white, blue or clear plastic) from the lid.

Boiling Chamber Lid Operation Diagram



2. Refer to the **Boiling Chamber Lid Operation Diagram** above. Take the boiling chamber lid in your hand. Hold the Tee Bar bracket and turn the Lid Knob counter-clockwise so that there is $\frac{1}{2}$ " of space between the Tee Bar bracket and the lid.
3. Tip the lid so that the Tee Bar bracket slips under the rim of the boiling chamber opening on one side, and then slide the lid so the Tee Bar bracket slips under the other side of the rim. Center the lid.
4. Turn clockwise to tighten the lid onto the boiling chamber. The water level pin inside the boiling chamber will prevent the lid from turning while tightening. Practice removing and replacing the lid a few times as the lid will need to be removed each time the LifeMist Distiller is cleaned.

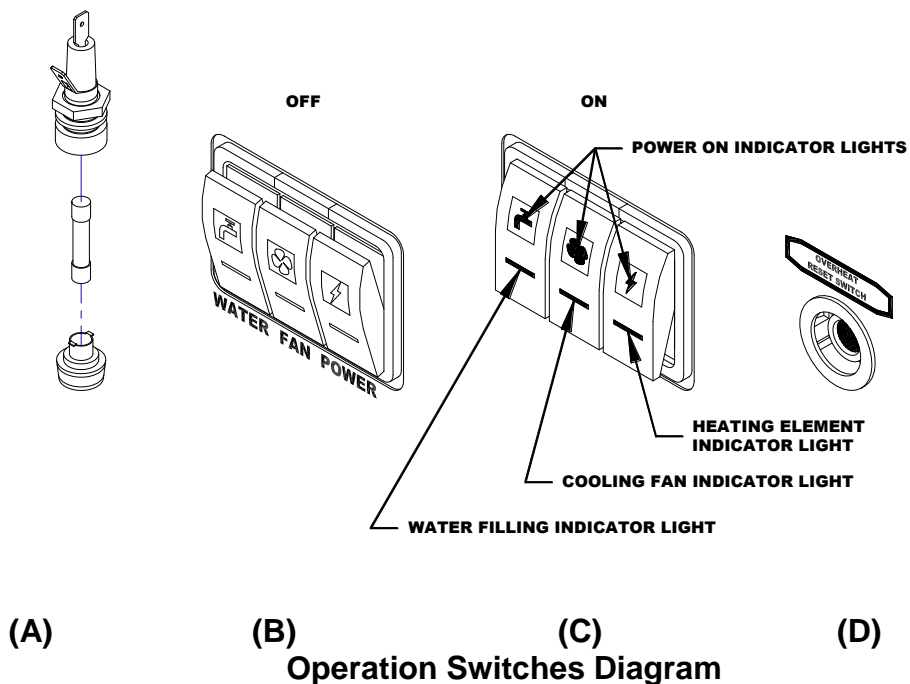
Storage Tank Lid Removal and Installation

1. To remove the storage tank lid, turn the Lid Knob counter-clockwise while lifting. Lifting while turning holds the Tee Bar bracket under the lid and allows you to loosen the lid. Continue turning and lifting until there is $\frac{1}{2}$ " of space between the Tee Bar bracket and the lid.
2. Tip the lid so that the Tee Bar bracket slips out from under the rim of the storage tank opening on one side, and then slide the lid so the Tee Bar bracket slips out from under the other side of the rim.
3. To Replace the storage tank lid, tip the lid so that the Tee Bar bracket slips under the rim of the boiling chamber opening on one side, and then slide the lid so the Tee Bar bracket slips under the other side of the rim. Center the lid.
4. While lifting up on the storage tank lid knob, turn clockwise to tighten the lid onto the storage tank. When upward pressure is no longer needed to prevent the lid from turning the lid is tight.

Operation

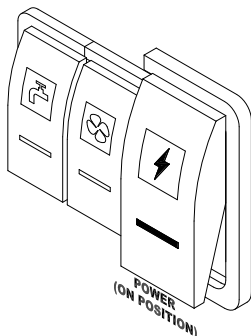
NOTE: Read all parts of the Owners Guide before operating the LifeMist Distiller. Follow the Before Initial AquaMist Distiller Operation steps and be sure to complete a Steam Sterilization of the LifeMist Distiller Head, Canister Filter and Storage tank before distilling water for household use for the first time or after a period of storage or non-use.

Controls



Refer to the **Operation Switches Diagram** above. There is a replaceable 1 Amp Slow Blow 240V fuse **(A)** on the bottom rear of the LifeMist Distiller head. There are three black power switches **(B&C)** and one overheat reset switch **(D)** on the front of the LifeMist Distiller head that allow you to control all functions of the LifeMist Distiller

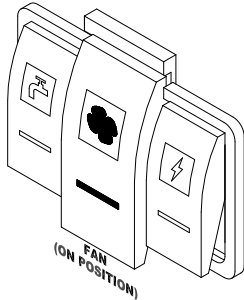
Power – ON/OFF



- Red indicator light.
- Normally ON when LifeMist Distiller is operating. Controls power to the entire LifeMist Distiller.
- Top square indicator light is illuminated whenever the switch is on. It will remain illuminated even when the LifeMist Distiller is not operating.
- Bottom rectangular indicator light is illuminated only when the heating element in the boiler is on.
- Turn power switch to OFF to stop LifeMist Distiller operation.

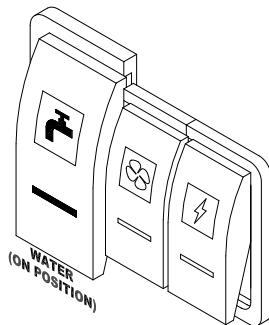
NOTE: A clicking sound may be heard if the LifeMist Distiller is plugged into the wall electrical outlet, the power and water switches are in the 'ON' position and the boiler is empty. The clicking sound is the internal water solenoid valve activating.

Fan – ON/OFF



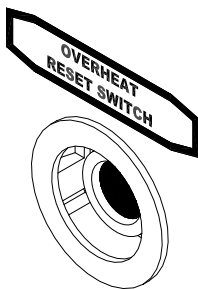
- Amber indicator light.
- Normally ON when LifeMist Distiller is operating. Controls power to the cooling coil fan.
- Top square indicator light is illuminated whenever the power switch is on. It will remain illuminated even when the LifeMist Distiller is not operating.
- Bottom rectangular indicator light is illuminated only when the fan is on. Fan should be running if the LifeMist Distiller is distilling water.
- Turn Fan Switch to OFF only when performing a steam sterilization of the LifeMist Distiller.

Water – ON/OFF



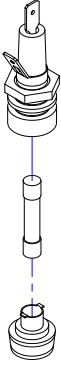
- White indicator light.
- Normally ON when LifeMist Distiller is operating with automatic feed water supply line. Will automatically fill the boiling chamber from the water supply line.
- Top square indicator light is illuminated whenever the power switch is on. It will remain illuminated even when the LifeMist Distiller is not operating.
- Bottom rectangular indicator light is illuminated only when the water is entering the boiling chamber. The boiler will fill with water until the upper boiler water level is achieved.

Overheat Reset Switch – Manual Reset



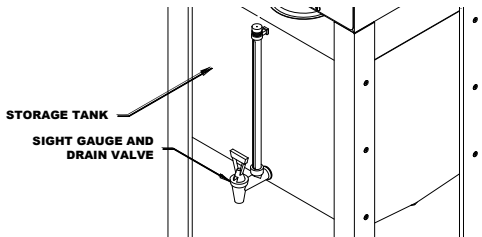
- Recessed into front of the LifeMist Distiller head front cover.
- The reset button will shut the unit off if the LifeMist Distiller has overheated, it may be reset once the LifeMist Distiller has cooled off. If the problem persists this may also indicate a problem and should be looked at by a service center.
- The reset button is a safety feature and is designed to shut the LifeMist Distiller down should it overheat.
- Push your finger through the hole in the front cover labeled 'Overheat Reset Switch' to reset. A snap will be heard when the switch is reset and distilling can resume.

Fuse – 1 Amp Slow Blow 240V



- This is a feature to protect the pump option electrical circuit and is located on the bottom of the LifeMist Distiller head at the rear.
- Always replace with the proper fuse.

Storage Tank Drain Valve

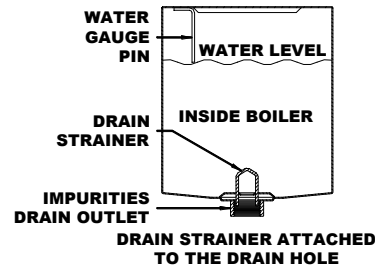


To enjoy pure water from your LifeMist Distiller storage tank use the storage tank drain valve on the front of the storage tank. The valve handle can be tipped one way to control the flow of water or tipped over the opposite direction and locked in the open position to fill large containers. Water can be pumped automatically to a faucet at the kitchen sink or other location by installation of an Optional Pump Kit. See **Pump Kits and Pump Kit Installation** in the **Accessories Section** for a diagram of the kit and installation instructions.

Before Initial LifeMist Distiller Operation

1. Ensure the boiling and storage tank lids are in place and tight.
2. Make sure all control switches are turned off. (See Operation-Controls Section if not sure how to operate).
3. Ensure the water supply saddle valve is turned fully on by turning counter-clockwise from tight.

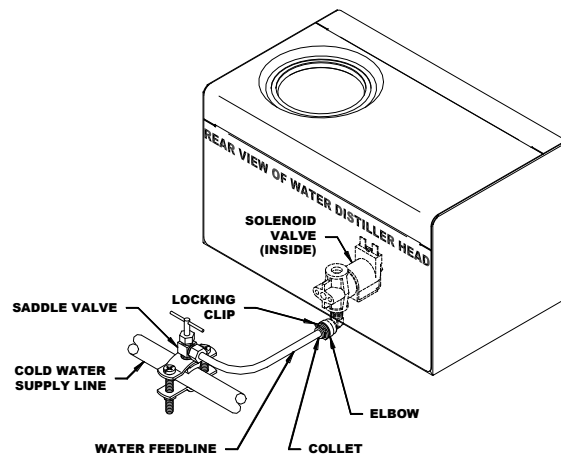
NOTE: Manual Fill Operation (If a pressurized water supply is not available such as using the LifeMist Distiller at a cottage or on vacation) – Fill boiler by removing boiling chamber lid and pouring water into boiling chamber up to the water level pin. Refer to **Boiling chamber Water Level Pin Diagram**.



Boiling Chamber Water Level Pin Diagram

4. Plug LifeMist Distiller into a wall outlet.
5. Turn Power, Fan and Water switches ON (Do not turn Water switch on if filling manually).
6. Water should be entering the boiling chamber. Remove the boiling chamber lid to check. Replace lid if water is entering. The fan and heater should turn on as soon as the water level is above the heating element.
7. Check for leaks around the saddle valve and supply pipe and around the water solenoid on the LifeMist Distiller head. See **Water Solenoid Valve in LifeMist Distiller Head Diagram** below.

Water Solenoid Valve in LifeMist Distiller Head Diagram

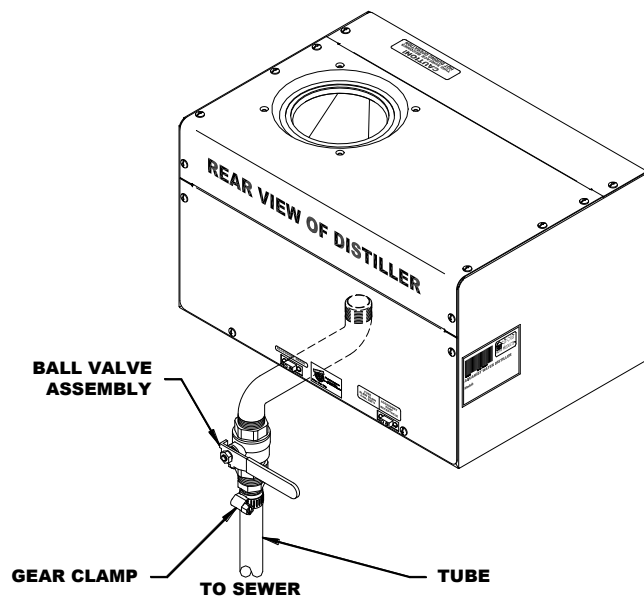


8. If there are no leaks and the LifeMist Distiller is operating as described above, shut all control switches off and perform steam sterilization on the LifeMist Distiller head, canister filter and storage tank as described in the **Maintenance and Cleaning** section.

Normal Operation

1. Ensure boiling and storage tank lids are in place and tight.
2. Ensure all electrical plugs are properly connected and the water supply valve is turned on.
3. Turn the Power, Fan and Water switches to the ON position. Water will enter the boiling chamber, the heating element will come on and the cooling fan will start.
4. The LifeMist Distiller will keep operating and distilling water until the storage tank is full. At this time the LifeMist Distiller will turn off until the storage tank is drained to approximately 2/3 full and then the automatic LifeMist Distiller will start producing distilled water again.
5. To prevent a build up of scale and contaminants in the boiling chamber, it is recommended that the impurities from the boiling chamber be drained after each distillation process or ten gallons of distilled water. Routinely draining the impurities will prolong the life of the LifeMist Distiller and reduce cleaning.

Manual Drain Valve Location Diagram



6. Refer to the **Manual Drain Valve Location Diagram** above. The LifeMist Distiller boiling chamber can be drained by opening the ball valve and draining into a suitable floor drain or container (valve is shown in the closed position). The drain may be operated automatically by installation of the Optional Automatic Electric Drain System. See Automatic Electric Drain Kit in the **Accessories Section** for a diagram of the kit and installation instructions

Maintenance and Cleaning

Introduction

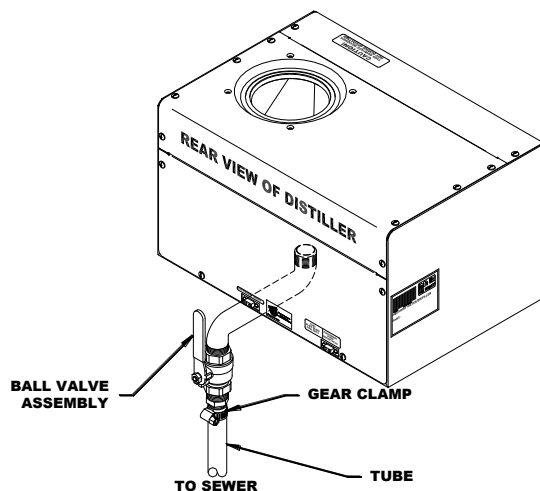
The purpose of purchasing a LifeMist Distiller is so you will not have to drink the impurities in your drinking water. Your LifeMist Distiller effectively removes the impurities and chemicals from your water and returns the taste of pure water so that it is pleasing and healthy to drink for the entire family.

It is important to keep your LifeMist Distiller clean so that it can perform properly and efficiently. Regular cleaning and maintenance will allow your LifeMist Distiller to continually provide pure water for a very long time.

NOTE: Regular Cleaning is much easier than trying to clean after a prolonged period of time! Please take advantage of semi-annual service calls available by your authorized LifeMist Home Products Dealer. To find the Dealer nearest you, phone our corporate headquarters at (780) 349-4992 or fax at (780) 349-4957.

Regular Inspection and Cleaning of the Boiling chamber

1. To prevent a build up of scale and contaminants in the boiling chamber, it is recommended that the impurities from the boiling chamber be drained after each distillation process or ten gallons of distilled water. There may be an off color line at the seams of the boiling chamber; this is caused by the TIG welding process used during manufacturing. This is normal and is not a sign of any concern.



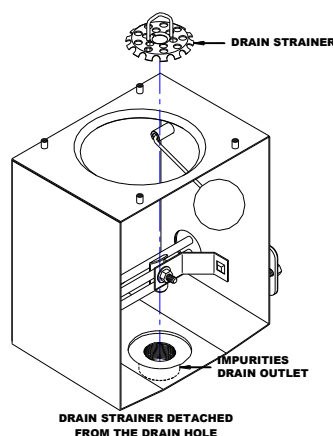
Manual Drain Valve Location Diagram

2. Refer to the **Manual Drain Valve Location Diagram** above. The LifeMist Distiller boiling chamber can be drained by opening the ball valve and draining into a suitable floor drain or container (ball valve is shown in the open position).

3. The drain may be operated automatically by installation of the Optional Automatic Electric Drain System. See Automatic Electric Drain Kit in the **Accessories Section** for a diagram of the kit and installation instructions.
4. With the manual drain valve or the Automatic Electric Drain it is important to develop a regular maintenance routine. Every two weeks or 50 gallons of distilled water take a look inside the boiling chamber when the LifeMist Distiller is cool.
5. Check for scale build up on the walls of the boiling chamber and the heating element. The heating element is the most critical. If there is 1/8" of build up or more on the heating element, then it is time to clean the boiling chamber using the descaler cleaner. This process is described in the next section.
6. After checking the boiling chamber every two weeks for about three months, you will be able to set up your own schedule as to how often the boiling chamber needs to be cleaned with the descaler cleaner. Distilled water quality use and raw water quality will determine your schedule.
7. You can also call your Dealer for service.

Cleaning the Boiling Chamber using the Cleaner Descaler

1. Turn all switches off and allow the LifeMist Distiller to cool down.
2. If the LifeMist Distiller is equipped with an Automatic Electric Drain, close the ball valve behind the LifeMist Distiller head.
3. Remove any loose scale from inside the boiling chamber by hand through the boiler lid. Remove the drain strainer and inspect for sediment or plugged holes. Clean if necessary. See the **Boiling chamber Strainer Removal Diagram** below to see how to remove the strainer.

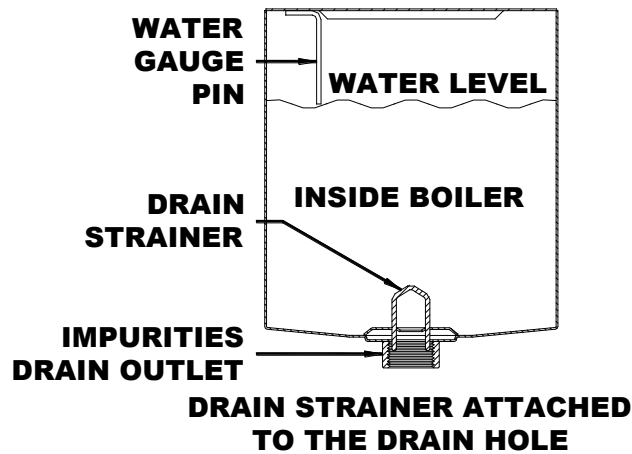


Boiling Chamber Strainer Removal Diagram

4. Add 3 tablespoons of Descaler cleaner to the boiling chamber.

CAUTION: Descaler is a corrosive and poisonous substance. Read safety precautions on the package. As the initial water is added to the Descaler in the boiling chamber it will produce a bubbling foam substance. Do not overfill the boiling chamber. Always leave boiling chamber lid off when ever the boiling chamber is being de-scaled to reduce fumes traveling through the cooling coil. Dispose of the first gallon of distilled water after cleaning as a precaution.

5. Fill the boiling chamber half full with hot tap water.
6. Mix the cleaning solution well to dissolve the Descaler in the water.
7. Fill up the remaining portion of the boiling chamber with hot tap water to the bottom of the water gauge pin. See **Boiling chamber Water Level Pin Diagram** below.



Boiling Chamber Water Level Pin Diagram

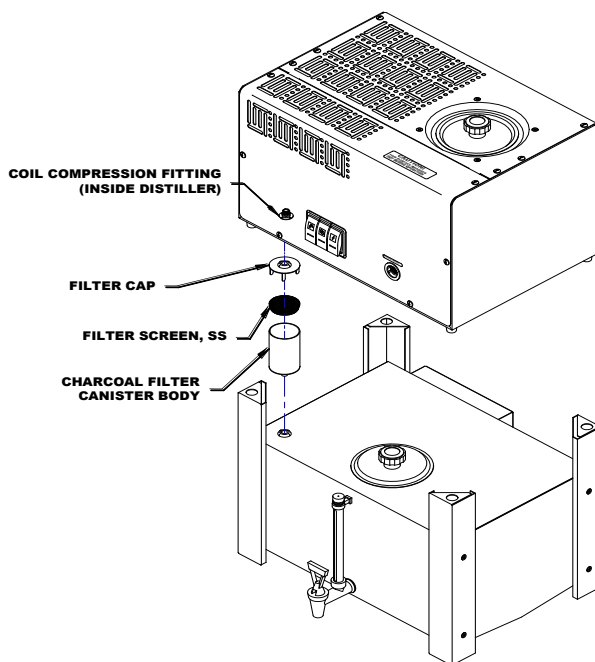
8. Let the solution stand overnight. Leave the boiling chamber lid off during cleaning to prevent Descaler fumes from entering the cooling coil.
9. The next morning or when the mineral content is soft, drain the boiling chamber using the ball valve. Remove any remaining loose scale by hand
10. Repeat cleaning if necessary.
11. Once all the scale has been removed, rinse the boiling chamber several times with warm tap water and remove any large pieces of scale by hand.
12. Replace the drain strainer. The strainer stops large impurities from plugging the ball drain valve or Automatic Electric Drain valve.
13. Replace the Boiling chamber lid and complete steam sterilization process on the boiling chamber. See **Steam Sterilization** in this **Maintenance and Cleaning** Section.
14. The boiling chamber is now clean and ready to produce pure water again.

Replacing Charcoal in Charcoal Canister Filter

NOTE: Replace charcoal in filter every 2 months or every 500 gallons of distilled water.

1. Turn all switches off and allow the LifeMist Distiller to cool down.

Charcoal Replacement Diagram



2. Refer to the **Charcoal Replacement Diagram** above. Remove the complete charcoal filter canister by lifting the front corner of the LifeMist Distiller head.
3. Over a sink or suitable garbage can, remove the lid of the filter completely and empty charcoal from canister and rinse.
4. Fill canister 2/3 full with new charcoal and rinse over a sink or pail with approximately 2 cups of distilled water until water runs clear.
5. Press the screen and filter cap back on to the filter canister.
6. Lift the corner of LifeMist Distiller head and slide the filter into the storage tank and lower the LifeMist Distiller head so the 3/8" tube enters the top of the filter.

Sterilization

Introduction:

Steam Sterilization should be performed on the LifeMist Distiller boiling chamber and the storage tank before the LifeMist Distiller is used for the first time or after a period of storage or non-use. After initial sterilization, the boiling chamber should be steam sterilized after any maintenance is performed and/or cleaning including the descaling process. The storage tank requires cleaning and steam sterilization after any maintenance, or if there are any problems with the quality of the distilled water. If there is a water quality concern the system may be contaminated. It is important to first remove the source of contamination and remove all contaminated debris and then complete a Liquid Sterilization before a Steam Sterilization.

Liquid Sterilization of Storage Tank and Optional Pump Water Line System

NOTE: This is performed whenever it is suspected that the LifeMist Distiller head, storage tank or pump water line system are contaminated.

1. It important to first remove the source of contamination and remove all contaminated debris before liquid sterilization.
2. Drain the LifeMist Distiller and water lines as much as possible

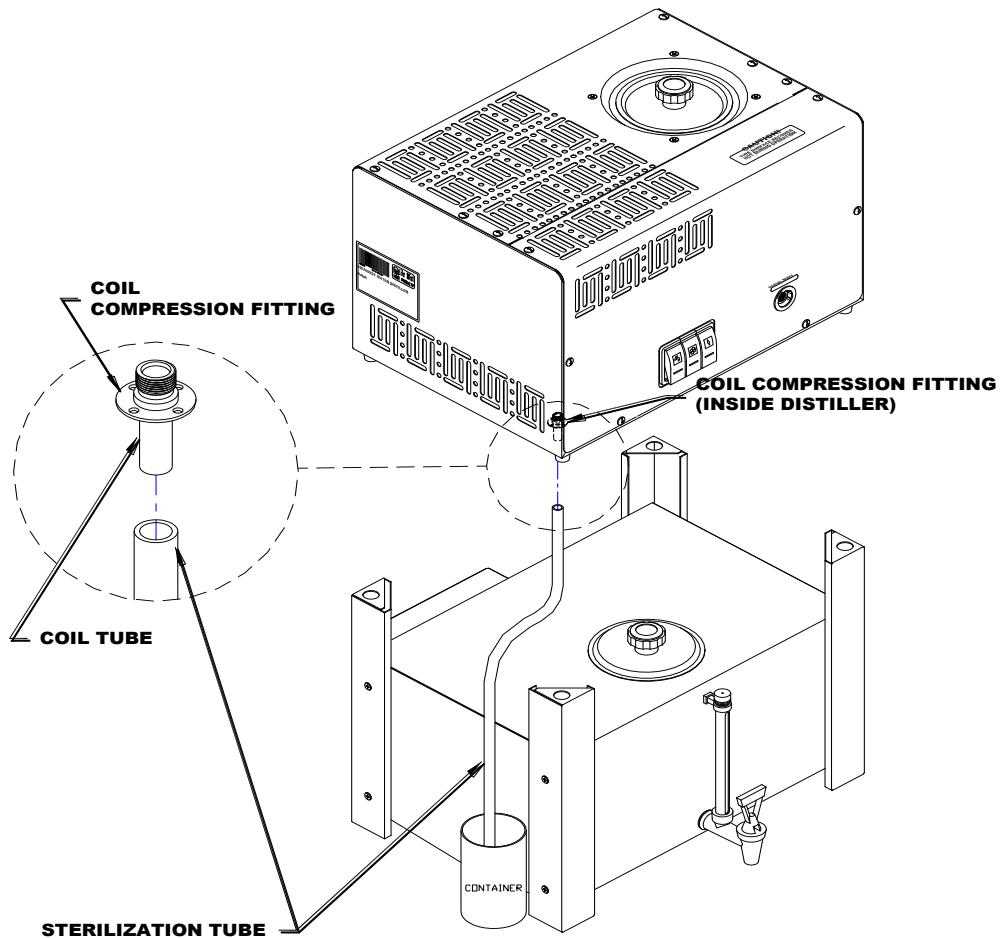
NOTE: Liquid Sterilization Solutions can be made from Household bleach. The bleach should be diluted to 100-200 PPM. Products such as Javex, have 6% Sodium Hypochlorite and should diluted by placing 3 teaspoons per gallon of water. Always use Chlorine bleach that does not contain any other ingredients. Alternatively, Hydrogen Peroxide solutions may be used by placing 3 teaspoons per gallon of water.

3. Add ½ gallon of Liquid Sterilizing solution to the LifeMist Distiller storage tank. If desired, spray some of the solution throughout the inside of the storage tank. You may need more sterilization solution if you are using more that 25 feet of pump water line.
4. Run the pump by opening the faucet at the kitchen sink to put Sterilizing solution through all water lines and dispensers. All the lines will be full of sterilization solution when you can smell the solution at the faucet. Wait 20 minutes.
5. Rinse the entire inside of the storage tank with at least 2 gallons of distilled water. Run the pump to clear the lines of the sterilizing solution.
6. Repeat the flushing of the storage tank with distilled water 2-3 times, rinsing the pump and all water lines at the same time. Continue until no chlorine smell is coming from the faucet.
7. Complete a Steam Sterilization of the boiling and storage tanks.

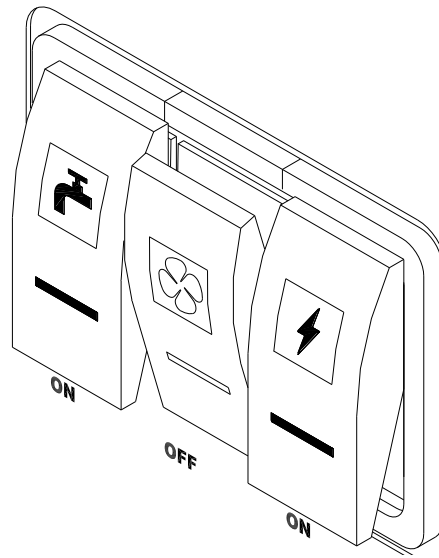
Steam Sterilization of LifeMist Distiller Head

1. Make sure the LifeMist Distiller is cool before starting.

Steam Sterilization Diagram



2. Refer to the **Steam Sterilization Diagram** above. Lift the front corner of the LifeMist Distiller head.
3. Remove the charcoal filter.
4. Install the sterilization tube. Place the sterilization tube on the 3/8" stainless steel filter inlet tube on the bottom of the LifeMist Distiller head.
5. Place the other end of the steam sterilization tube into a container, as it will drip water and steam.

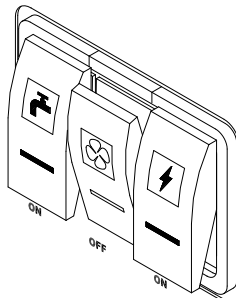


Steam Sterilization Operation Switches Diagram

1. Refer to **Steam Sterilization Operation Switches Diagram** above. Turn only the power and water switches ON. Leave the fan switch OFF. As the LifeMist Distiller continues to heat up, it will sterilize the LifeMist Distiller with steam by allowing pure steam to travel out of the cooling coil. Water and steam will drip from the sterilization tube. **Caution: The LifeMist Distiller is extremely hot during sterilization.**
2. Leave the LifeMist Distiller on for 1 hour.
3. After sterilization cycle is complete. Turn the fan switch ON and allow any water in the cooling coil to drain. Leave the LifeMist Distiller running with the fan on for about 15 minutes.
4. The LifeMist Distiller will be very hot so turn all switches OFF (power, water, fan) and let the LifeMist Distiller cool down for approximately 1 hour.
5. Remove the sterilization drip tube by pulling the plastic tube off the stainless steel charcoal filter inlet tube (keep the sterilization tube for future sterilizations).
6. Replace the charcoal in the charcoal filter canister. See **Replacing Charcoal in Charcoal Canister Filter** in this **Maintenance and Cleaning Section**.
7. The LifeMist Distiller head is sterilized and ready for operation.

Steam Sterilization of LifeMist Distiller Head, Filter Canister and Storage Tank

1. Make sure the LifeMist Distiller is cool before starting.
2. Refer to the **Steam Sterilization Diagram** in the previous section-**Steam Sterilization of LifeMist Distiller Head**. Lift the front corner of the LifeMist Distiller head.
3. Remove the charcoal filter canister. Remove all charcoal and rinse until clean. Replace empty filter canister between LifeMist Distiller head and storage tank
4. Place a container under the front storage tank sight gauge valve and leave the valve in the open position.



Steam Sterilization Operation Switches Diagram

5. Refer to **Steam Sterilization Operation Switches Diagram** above. Turn only the power and water switches ON. Leave the fan switch OFF. As the LifeMist Distiller continues to heat up, it will sterilize the LifeMist Distiller head, filter canister and storage tank with steam by allowing pure steam to travel out of the cooling coil. Water and steam will drip from the storage tank valve. **Caution: The LifeMist Distiller is extremely hot during sterilization.**
6. Leave the LifeMist Distiller on for 1 hour.
7. After sterilization cycle is complete. Turn the fan switch ON and allow any water in the cooling coil to drain. Leave the LifeMist Distiller running with the fan on for about 15 minutes.
8. The LifeMist Distiller will be very hot so turn all switches OFF (power, water, fan) and let the LifeMist Distiller cool down for approximately 1 hour.
9. After cooling down, the LifeMist Distiller may need to be tipped or rocked forward and back to remove all the water from the storage tank.
10. Close the storage tank sight gauge valve.
11. Replace the charcoal in the charcoal filter canister. See **Replacing Charcoal in Charcoal Canister Filter** in this **Maintenance and Cleaning Section**.
12. The LifeMist Distiller head, canister filter and storage tank are sterilized and ready for operation.

Troubleshooting

Caution! Always Disconnect LifeMist Distiller Electrical plug and let the LifeMist Distiller cool down completely before completing any Troubleshooting.

| PROBLEM | CAUSE |
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| A) LifeMist Distiller does not operate. | <ol style="list-style-type: none">1. LifeMist Distiller is not plugged in securely to the wall outlet or the circuit breaker is off.2. Power switch on the LifeMist Distiller is turned off.3. Reset button has shut the unit off. The reset button will shut the unit off if the LifeMist Distiller has overheated, it may be reset once the LifeMist Distiller is cooled off. This may also indicate a problem and should be looked at by an authorize LifeMist Home Products Dealer. To find the nearest LifeMist Home Products Dealer, phone our corporate headquarters at (780) 349-4992 or fax at (780) 349-4957. The reset button is a safety feature and is designed to shut the LifeMist Distiller down should it overheat. Push your finger through the hole in the front cover labeled 'Overheat Reset Switch' to reset.4. Reset button is faulty and needs to be replaced. Call Service Center.5. The Storage tank is full of water. The storage tank water level must be lowered below 2/3 before the LifeMist Distiller will operate.6. Saddle valve is turned off. Turn it on. |
| B) Water is coming out from the top of the charcoal filter. | <ol style="list-style-type: none">1. Charcoal is old and compacted. Replace coconut charcoal. See Maintenance section- Replacing Charcoal in Charcoal Filter Canister.2. Water solenoid valve has malfunctioned and is stuck open allowing water to flow from the boiling chamber to the storage tank before it is distilled. Call Service Center.3. The boiler fill micro switch requires adjustment or is faulty and needs to be replaced. The boiling chamber overfills and flows into the charcoal filter. Call Service Center.4. Check to see that boiling chamber water level float is floating. If it is not floating properly this could be the problem. Call Service Center.5. Charcoal filter is more than 2/3 full. There must be an air gap between the charcoal and the top of the filter. Remove Charcoal filter and make sure charcoal filter is only 2/3 full. |

PROBLEM**CAUSE**

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| C) Steam or water is escaping from the top of the cooling coil. | <ol style="list-style-type: none">1. The cooling coil is equipped with a gas release vent, a very small hole in the top of the coil. This is to release certain volatile gases. Steam may escape from this hole. This is normal.2. If little or no water is being produced the cooling coil may have become disconnected from the boiling chamber. Call Service Center. |
| D) Charcoal Filter is very hot and steam is escaping from the filter. | <ol style="list-style-type: none">1. The fan switch is turned off. Check Switch.2. Fan motor is not running properly, may be defective, or the fan motor switch may be defective. Call Service Center.3. Cooling coil fins are plugged with dust, dirt, or grease. Remove and clean or take to a service center for maintenance.4. The location of the LifeMist Distiller does not provide enough airflow for sufficient cooling. Move the LifeMist Distiller to an area with more air movement. |
| E) Boiling chamber will not fill with water. | <ol style="list-style-type: none">1. The self-piercing saddle valve is turned off. Check and turn on if necessary.2. The direct water feed line may be obstructed or kinked. Check and fix.3. The water switch and/or the power switch are off. Check switches.4. The float in the boiling chamber may be stuck. Check by opening boiling chamber and lifting gently up on ball float.5. Opening for water feed line inside the boiling chamber may be scaled up. Check by opening boiling chamber and checking scale build up.6. Manual reset button has tripped. See A) 3. above.7. Storage tank is over 2/3 full. Normal Operation.8. Water Fill Micro Switch Faulty. Call Service Center.9. Solenoid valve is faulty. Call Service Center. |
| F) LifeMist Distiller may start to boil, then shuts off. It may restart after cooling down. Very small amount of water is produced. | <ol style="list-style-type: none">1. Faulty Reset button. After letting LifeMist Distiller cool down and trying to reset several times, call Service Center. |

PROBLEM**CAUSE**

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| G) LifeMist Distiller runs properly but little or no water is produced. | <ol style="list-style-type: none">1. Improper Heating Element is installed or Heating Element is faulty. Call Service Center.2. Auto drain valve is partially stuck open due to scale build up in the valve. Check valve and/or flush by pouring water through the top of the boiling chamber opening.3. Auto drain valve is open because it is not plugged into the LifeMist Distiller head. Check and re-connect.4. Boiling chamber lid is loose. Check by turning Boiling chamber Lid Knob.5. Reset button may be defective or weak. See A) 3 above.6. Water supply may be restricted. Turn off saddle valve. Remove Feed Water line from back of LifeMist Distiller. Place Feed Water line into a pail, turn on saddle valve and check water flow. |
| H) Strange taste in Distilled Water. | <ol style="list-style-type: none">1. Boiling chamber and/or storage tank may require cleaning. See maintenance section on cleaning LifeMist Distiller.2. Boiling chamber has over filled, float system or water solenoid has failed and allowed un-distilled water to overflow into the cooling coil. Open Boiling chamber and check float operation.3. Charcoal filter requires new Coconut Charcoal.4. Auto-Drain has malfunctioned. Check boiling chamber for scale build up. See maintenance section.5. Distilled water line may need cleaning. See maintenance section. |
| I) Fan does not operate automatically. | <ol style="list-style-type: none">1. Fan switch is in OFF position. Check Switch.2. Fan motor may be defective. Call Service Center.3. Storage tank is full and the LifeMist Distiller has shut it self off until the storage tank is only 2/3 full. |

PROBLEM**CAUSE**

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| J) With the Pump Option, there is no water at the faucet. | <ol style="list-style-type: none">1. Pump plug on the LifeMist Distiller head is loose. Check plug at rear of LifeMist Distiller head.2. Storage tank is empty. LifeMist Distiller has quit. See A) above.3. There is no power to the pump. Check to make sure the pump is plugged into the LifeMist Distiller head. Check to make sure there is power at the wall outlet.4. Fuse on the LifeMist Distiller head needs replacing.5. Pump motor failure. Call Service Center.6. Kinked water line between the pump and the faucet. Check water line for kinks.7. Bottom float in the storage tank is stuck or faulty. Open LifeMist Distiller boiler and check float operation. Call Service Center. |
| K) With Pump Option, pump starts and stops without drawing any water | <ol style="list-style-type: none">1. Small leak in the water line. Check water line for leaks.2. Loose fittings on pump or lines. Check fittings for leaks-with proper wrench. See Pump Kit Installation Section.3. Check-valve in pump may be stuck open. Call service center. |
| L) LifeMist Distiller does not operate and storage tank is empty. | <ol style="list-style-type: none">1. Storage tank level sensor assembly is faulty. Open storage tank and check level sensor operation.2. Storage tank level sensor relay is faulty. Call Service Center.3. Control Cable is not connected. Check connection between LifeMist Distiller head and storage tank.4. Check to make sure there is power at the wall outlet.5. Make sure all control switches are on. |
| (M) Storage tank only fills 2/3 full and will not fill to the top. | <ol style="list-style-type: none">1. Storage tank level sensor is faulty. Top float is stuck in full position. Open storage tank and check floats on level sensor. Call Service Center. |
| (N) Distiller does not seem to produce as much water as specified. | See Section in Guide: 10 Factors That Will Affect Your LifeMist Distiller Production. |

