# Fountain Classic™

## Installation and Owner's Manual

PURE WATER, INC.

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# Important Safety Information

**IMPORTANT:** *This distiller is designed to be used only with Pure Water, Inc. accessories and replacement components.*

- If you are not sure that your electrical outlet is properly grounded or that the circuit protection is correct, have it checked by a qualified electrician.
- Operate indoors only.
- The area must be well ventilated.
- **WARNING:** Disconnect from the power source before assembling, adjusting or servicing this appliance.
- **NEVER** immerse the distiller in water or any other liquid.
- **NEVER** operate the distiller with a damaged cord or allow the cord to become exposed to hot surfaces.
- **DO NOT** use an extension cord or any adapters.
- **DO NOT** let children play with the distiller.
- Wait at least 30 minutes after the distiller is off before draining or handling the boiling chamber.
- Do not run the dispenser water heater or water cooler when there is no water in the storage tank.
- The physiological effects of the operation of this distiller, beneficial or otherwise have not been investigated by U.L.
- The installation and use of this product must comply with all applicable state and local laws and regulations.
- If the unit was placed on its side for transport, be sure to allow the unit to stand upright for at least four hours before plugging unit in.
- Do not locate the unit in an area where the temperature falls below freezing.

# Introduction

Congratulations on purchasing the finest water distillation system on the market. With proper care and attention, the Fountain Classic will give many years of top performance and high-quality drinking water. Please read this manual thoroughly before installing and operating your Fountain Classic.

# For the Record

The model and serial number are found on the back panel. You should record all the necessary information below for future reference.

Date:_____

Model:___**Fountain Classic**_____

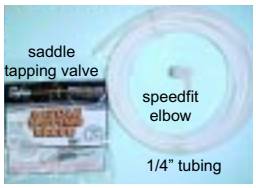
Serial Number: _____

Purchased from: _____

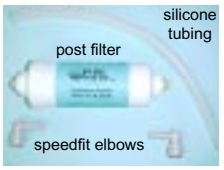
Telephone: _____

# Included with Your Distiller

- **Incoming Water Hook-up.** Includes:
  Saddle tapping valve (Part # 9514)
  15 feet of 1/4" food-grade tubing (Part # 9526-15R)
  1/4"S x 1/4"T speedfit elbow (Part # 221-9006)




- **Post Filter.** Includes:
  Post filter (Part # 9406A)
  (2) 3/8"T x 3/8"S speedfit elbows (Part # 9614)
  Silicone tubing (Part # 9541)



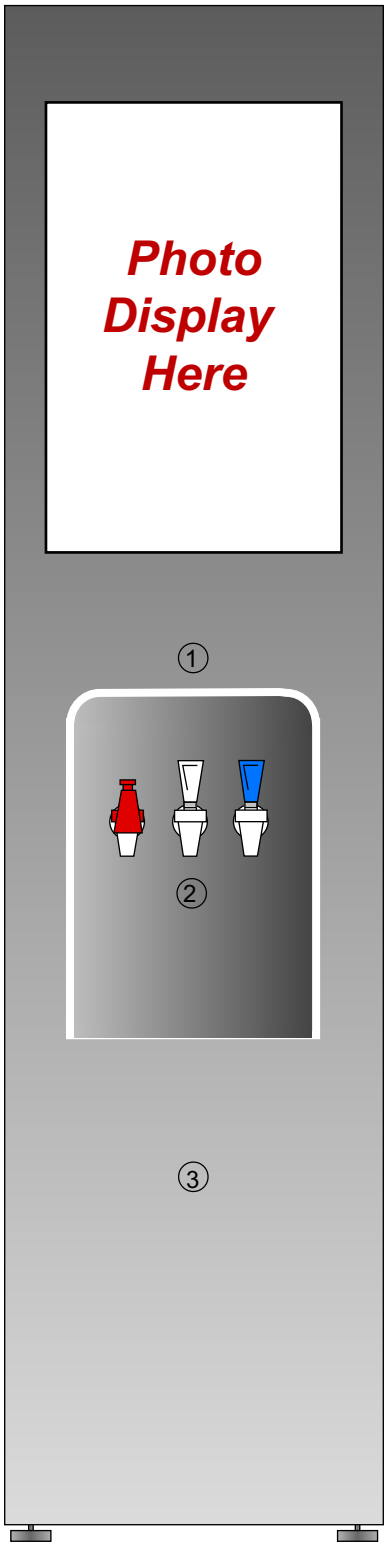

- **Power cord*** (May not be included in some 240V units)
  (US version Part # 7276)
  *For 240V units, power cord must be at least 10 Amp at 240V grounded cord


- **Owners Manual** (Not shown) (Part # 6338)
- **Warranty Card** (Not shown)

# Optional Accessories

- **Distiller Day Timer**. Allows you to limit the hours of water production. (Part # 733)
- **Cup Dispenser, Metal**. (Part # 110-9031)
- **Lumen™ Cleaner and Descaler** for cleaning the boiling tank. ( Part # 6603)
- **5 oz. Cups**. (Part # 110-9032)
- **Stainless steel polish**. (Part # 6606)
- **Post filter replacement cartridge**. (Part # 9406A)
- **Pump kit** to attach the pump for icemaker hookup. (Part # 735)

# Getting to Know the Fountain Classic




1. **Photo Display**–This is a backlit area to display photos or advertising. Several optional displays are available from Pure Water, Inc. or from your local distributor.

2. **Water Dispensing Area**–Three temperature units have dispensers for Hot Water, Room Temperature Water, and Cold Water and the two temperature unit has dispensers for Room Temperature Water and Cold Water. The Controls for these are listed in items 14 and 15.

3. **Drip Tray**–The hidden drip tray collects water that spills from the Dipsensing Area. This must be routinely emptied to prevent overflows and spillage.

4. **Water Inlet**–Raw water from the local supply enters the machine at this location. It is important to use the cold water supply.

5. **Water Inlet Solenoid**–This valve automatically opens to allow water to flow into the Boiling Chamber when the water level is low.

6. **Removable Boiling Chamber**–This is where the raw water is heated to boiling. Contaminants from the water stay in this chamber. It is important that this chamber is drained and periodically cleaned of residue per instructions. For more information see page 11.

7. **Heating Element**–This heating element heats the raw water to boiling. The standard heating element is 1400 Watts.

8. **Safety Reset**–This mechanical safety feature ensures that if the heating element continues when not covered with water, the unit will turn off automatically.

9. **Boiling Chamber Drain Valve**–As the steam evaporates from the raw water, the contaminants in the water in the boiling chamber can become very concentrated. This valve allows you to drain the contaminants off, so that they do not build up.

10. **Steam Tube**–The steam created in the boiling chamber rises through this tube to the condensing coil at the top of the unit.

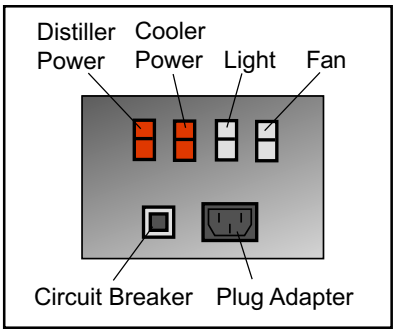
11. **Condensing Coil and Fan Assembly**–The steam from the steam tube enters the condensing coil. The fan turns on, and sends cooling air past the coil. The steam is cooled and condenses to distilled water. The condensing coil has two small volatile gas vents to allow the volatile gases to escape.

12. **Post Filter**–The carbon filter enhances the flavor of the distilled water before it enters the storage tank.

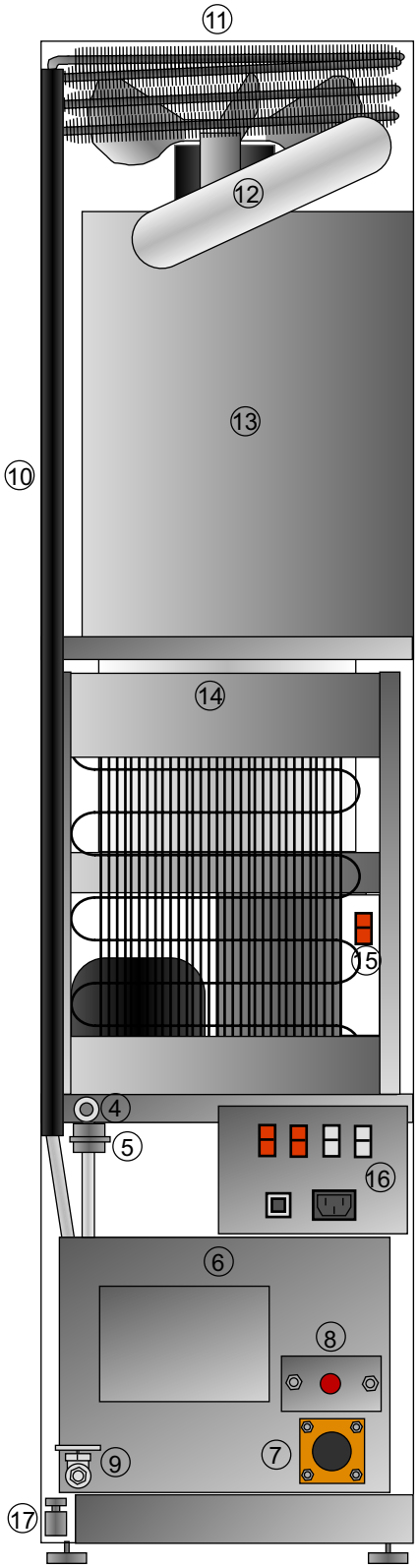
13. **Distilled Water Storage Tank**–This tank holds distilled water for use through any of the water spigots. This tank contains floats that turn the distiller off when full, and turns the distiller back on when the tank is 1/3 empty.

14. **Water Dispenser Section**–This section is composed of either two or three main sections, depending on your unit:
    a. The hot water tank holds up to 3/8 gallon, and quickly heats the water for use at the hot water spigot. The hot water temperature is adjustable from 140˚F to 190˚F. (Three temperature unit only)
    b. The cold water tank holds up to 3/4 gallon, and chills the water for use at the cold water spigot. The cold temperature is adjustable from 40˚F to 50˚F.
    c. The reservoir holds up to 9.25 gallons for use at the room temperature water spigot. The water is at room temperature.

15. **Dispenser Hot Water Switch***–This switch allows the dispenser to heat the water for the hot water spigot.
***Important:*** *This switch must be in the OFF position until the storage tank is filled the first time.*
***Three temperature unit only***




16. **Main Electrical Control Box**–This electrical box has all of the controls for the unit.
**Distiller Power Switch**–Controls the power for the distillation unit.
**Cooler Power Switch**–Controls the power to the cooler and hot tank.
**Light Power Switch**–Turns the lighted display panel on the front of the unit on.
**Fan Power Switch**–This switch is used to either Steam Sterilize (when the switch is off), or distill (when the switch is on). Steam Sterilizing instructions are found on page 10.
**Circuit Breaker**–This breaker provides electrical circuit protection for the unit.
**Plug Adapter**–This plug provides power for the entire unit through the power cord.




17. **Emergency Overflow Float**–Turns the unit off automatically if water fills the bottom pan.

# Installation

| | |
|---|---|
| **CAUTION:** | **DO NOT use a hot water line for the raw water supply.** |
| **CAUTION:** | **DO NOT turn the saddle tapping valve handle before or during installation. Be sure the piercing lance does not protrude beyond the rubber gasket. Failure to do this may result in damage to the piercing needle.** |
| **NOTE:** | The use of softened water for the raw water supply is recommended to minimize scale buildup in the boiling tank and drain valve. |
| **NOTE:** | The Fountain Classic comes standard with a saddle-tapping valve. In some areas a saddle-tapping valve may not be permitted. In such instances, contact your authorized Pure Water Distributor for other water line connection options. |
| **NOTE:** | Do not plug the unit into the power source until instructed to do so. |

The installation of the Fountain Classic is very simple. The steps are as follows:

1. Position the unit in a well ventilated area.
2. Connect the unit to the water supply so that it can operate automatically.
3. Plug the unit into an appropriate power plug.
4. Start the machine.
5. Install the Photo Display
6. Steam Sterilize the machine.
7. Start Distillation.
8. Rinse the Post Filter.
9. Turn the dispensing unit on.

**Step 1 Positioning the unit:**

The unit should be positioned on a level floor that has an appropriate electrical plug and water supply available. If the ground is not completely level, the leveling feet on the bottom of the unit can be used to adjust the machine.

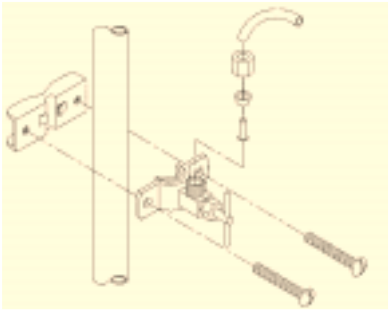
***Note:*** *The Fountain Classic must be positioned on a level surface. Allow at least 2" of clearance behind unit for proper air circulation.*

**Step 2 Connecting the water supply:**

This unit comes complete with a saddle-tapping valve to connect the distiller water inlet directly to an existing waterline.

**Connecting the Saddle Tapping Valve:**

1. Turn the raw water supply off.
2. Install the saddle tapping valve on the COLD water copper tubing so the outlet is in a convenient direction. See figure.
3. Tighten screws evenly. Brackets should be parallel. Tighten firmly. Do not over tighten.
4. Connect tubing to the saddle tapping valve outlet.
5. Plug the other end of the 1/4" tubing into the Raw Water Inlet on the back of the Fountain Classic.

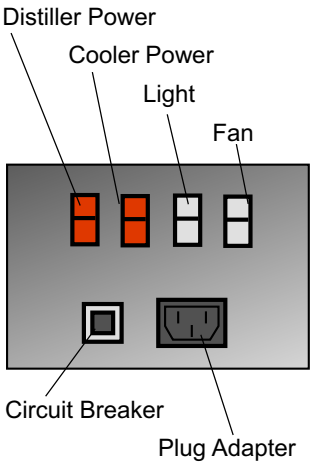


Saddle Tapping Valve

6. Turn the saddle tapping valve handle clockwise until you feel it is firmly seated.
   ***Note:*** *You have now pierced the copper tube and the valve is closed.*
7. Turn the handle counterclockwise to open the valve. Turn the household water supply ON and check all connections for leaks.
8. Open the saddle tapping valve completely. Check the line for leaks. Tighten where required.

**Step 3 Plug the unit into an appropriate power plug:**

Locate the power cord in the parts kit bag. Make sure that the electrical outlet rating exceeds the requirements for this unit (15 Amp dedicated circuit). Install the female end of the power cord into the adapter on the main electrical control box. Plug the unit into the wall outlet.




**Step 4 Start the Machine:**

Before starting the machine the switches should be in the following positions:

| | |
|---|---|
| **Distiller Power:** | **OFF** |
| **Fan Switch:** | **OFF** |
| **Light Switch:** | **OFF** |
| **Cooler Power:** | **OFF** |
| **Dispenser Hot Water Switch*:** | **OFF** |

***Three temperature unit only***


Now the distiller power can be turned on. The unit will energize. The boiling tank will automatically begin to fill with water and start to heat up.

***WARNING:*** *Never turn the dispenser hot water switch on without water in the hot tank. (Three temperature unit only)*

**Step 5 Installing the Photo Display:**

The cooler transparency will be packed separately and require installation.

**To install the color transparency:**

1. Remove the screws in the top panel of the unit. Remove the top panel.
2. Slide the plastic transparency cover up and out of the unit.
3. Place the 2 bulbs into their sockets. Turn into place.
4. Place transparency behind the transparency cover and lower into place.
5. Replace the top panel and screw into place.

Now you can turn the light switch ON.

**Step 6 Steam Sterilization of the Machine:**

Use the high temperature tubing, included in the parts kit in place of the post filter. It will connect the outlet end of the condensing coil to the storage tank inlet. This tube must be used because the post filter cannot withstand the temperature of the steam. Now the boiling chamber is creating steam. The steam will rise up to the condensing coil. Normally the fan would cool the steam and it would change back to water form. The fan switch is turned off, so there is no way for the steam to cool and condense. Steam will be sent to the storage tank. This will heat the tank and kill any bacteria in the machine. Once you can see that steam is being created, allow the unit to steam for 25 minutes. (Total time spent is approximately 1 hour.)

**Step 7 Distillation:**

After the unit has adequately steam sterilized, turn the Fan switch to the ON position. The fan will start and begin to cool the steam. After a few minutes, distilled water will be created.

**Step 8 Rinse the Post Filter:**

Remove the high temperature tubing used for Steam Sterilization. Connect the Post Filter to the condensing coil outlet and the storage tank inlet. There is an arrow on the side of the filter that indicates the proper direction of the post filter. Allow the unit to distill for 5-6 hours. Using the spigots in the front, empty the water from the unit. This water should be discarded. **(Three temperature unit owners: *be sure to draw water from the hot water spigot so any air in the lines or tank is released.*)**

**Step 9 Turn the dispensing unit on:**

Allow the distiller to operate for an additional 5-6 hours. Several gallons of water will be in the storage tank. It is now safe to turn the Cooler Power switch to ON, and the Dispenser Hot Water Switch to ON. *(Three temperature unit only.)*

## Post Filter Changing and Steam Sterilization

**IMPORTANT:** This tube must be used, because the post filter cannot withstand the temperature of the steam.

**Every 2000 operating hours (3 months if the unit is operating continuouly):**

**Step 1 Empty the Distiller:**

It is very important that the storage tanks are empty before steam sterilization takes place. To do this:

1. Turn power OFF to the unit.
2. Turn the dispenser power OFF.
3. Turn the Dispenser Hot Tank Switch to OFF. *(Three temperature unit only.)*
4. Attach tubing to each of the dispensing spigots and drain all of the water to a floor drain or suitable container.

**Step 2 Steam Sterilization:**

1. Remove the old post filter from the unit.
2. Place the piece of high temperature tubing in place of the post filter. It will connect the outlet end of the condensing coil to the storage tank inlet.
3. Turn the power to the unit ON. Now the boiling chamber is creating steam. The steam will rise up to the condensing coil.
4. Turn the fan switch to the OFF position. The steam will not cool and condense, so steam will be sent to the storage tank. This will heat the tank and kill any bacteria in the machine.
5. Once you can see that steam is being created, allow the unit to steam for 25 minutes.
6. Turn the Fan switch to the ON position. The fan will start and begin to cool the steam. After a few minutes distilled water will start to be created.

**Step 3 Rinse the Post Filter:**

1. Remove the high temperature tubing.
2. Connect the Post Filter to the condensing coil outlet and the storage tank inlet. There is an arrow on the side of the filter that indicates the proper direction of the post filter.
3. Allow the unit to distill for 5-6 hours.
4. Using the spigots in the front, empty the water from the unit. This water should be discarded.

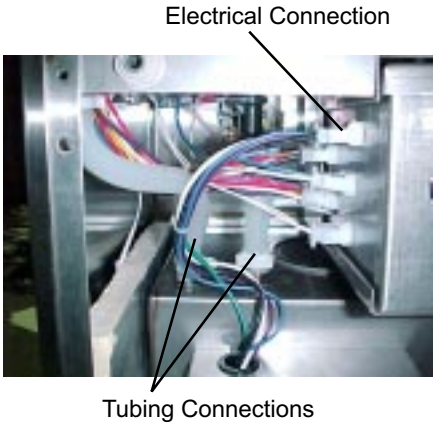
**Step 4 Turn the dispensing unit on:**

1. Allow the distiller to operate for an additional 5-6 hours. Several gallons of water will be in the storage tank.
2. Turn the Cooler Power switch to ON.
3. Turn the Dispenser Hot Water Switch to ON. *(Three temperature unit only.)*

## Cleaning the Boiling Chamber

**Every 2000 hours or every three months:**

**Step 1 Shutdown and Cooling:**

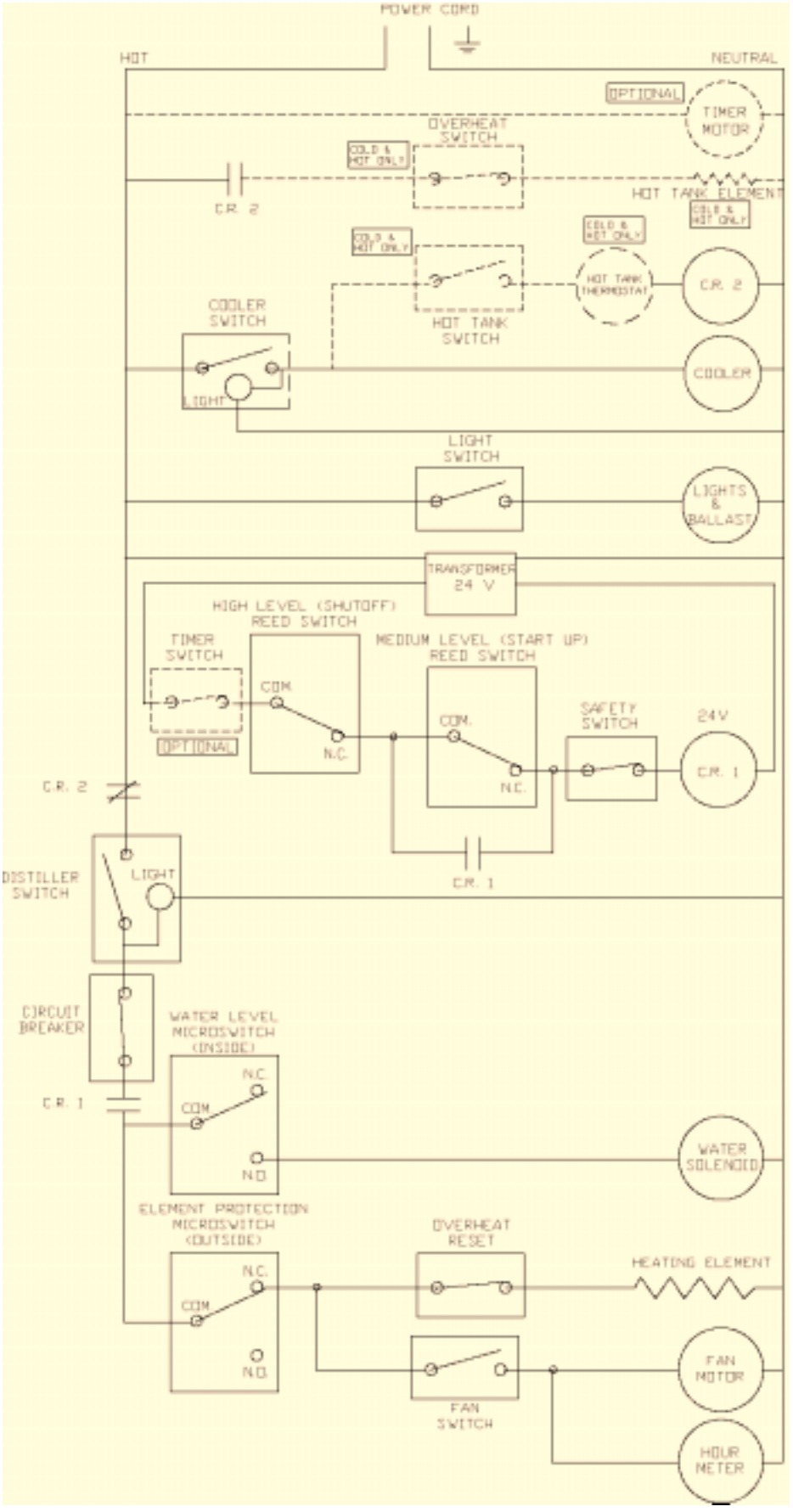



1. Turn the distiller switch to the OFF position and unplug unit.
2. Allow the boiling chamber to cool down.
3. Turn the unit so that the rear is accessible.
4. Remove 4 screws and take off rear access panel.
5. Disconnect the tubing to the boiling chamber.
6. Disconnect the electrical connections to the boiling chamber.
7. Pull the boiling chamber out of the unit.
8. Drain into a sink.
9. Fill the boiling chamber with water to the top of the scale line.
10. Add 4-6 tablespoons of Lumen™ descaling powder to the boiling chamber.
11. Allow the lumen to soften any scale (allow 12-24 hours for scale to soften).
12. Drain and rinse boiling chamber.
13. Reconnect tubing and electrical connections.
14. Turn the distiller switch to the ON position.

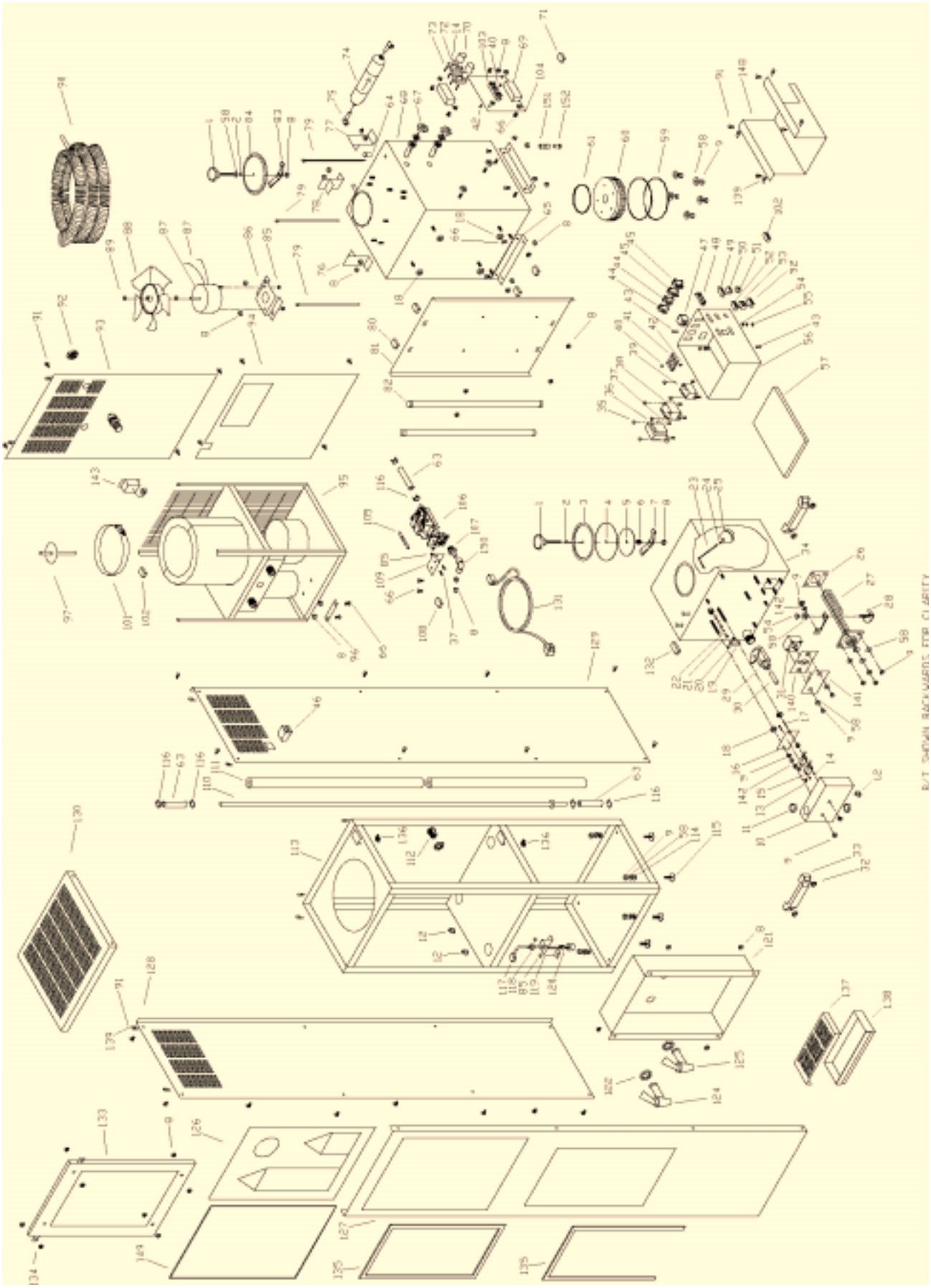
# Troubleshooting Guide

| Symptom | Probable Cause | Solution |
|---|---|---|
| Unit does not operate. | Unit not plugged in. | Plug unit into power source. |
| | Power failure, circuit breaker or fuse blown. | Reset breaker or replace fuse. |
| | Power switch OFF. | Turn power switch ON. |
| Unit runs, but exhaust is cool. | Heating element failure. | Replace the heating element. |
| | Reset tripped. | Push in the reset button. |
| Water has bad smell or taste. | Post filter is depleted or carry-over problem. | Replace the post filter. Drain the boiling tank. |
| Unit makes a hissing noise. | Faulty heating element or fan. | Adjust or Replace. |
| | Improper air flow. | Position unit in a well ventilated area. |
| Dispenser not cooling. | No coolant in compressor.<br><br>Cold temperature control. | Call for service.<br><br>Adjust or Replace. |
| No hot water from dispenser. *(Three temperature unit only.* | Hot water switch turned OFF. | Turn switch ON when distilled water tank is full. |
| | Hot temperature control. | Adjust or Replace. |
| Leaking of any kind. | Various. | Disconnect power and shut off the feed water supply. Call for immediate service. |

# Wiring Schematic



# Exploded Drawing: 48998 Two Temperature Unit

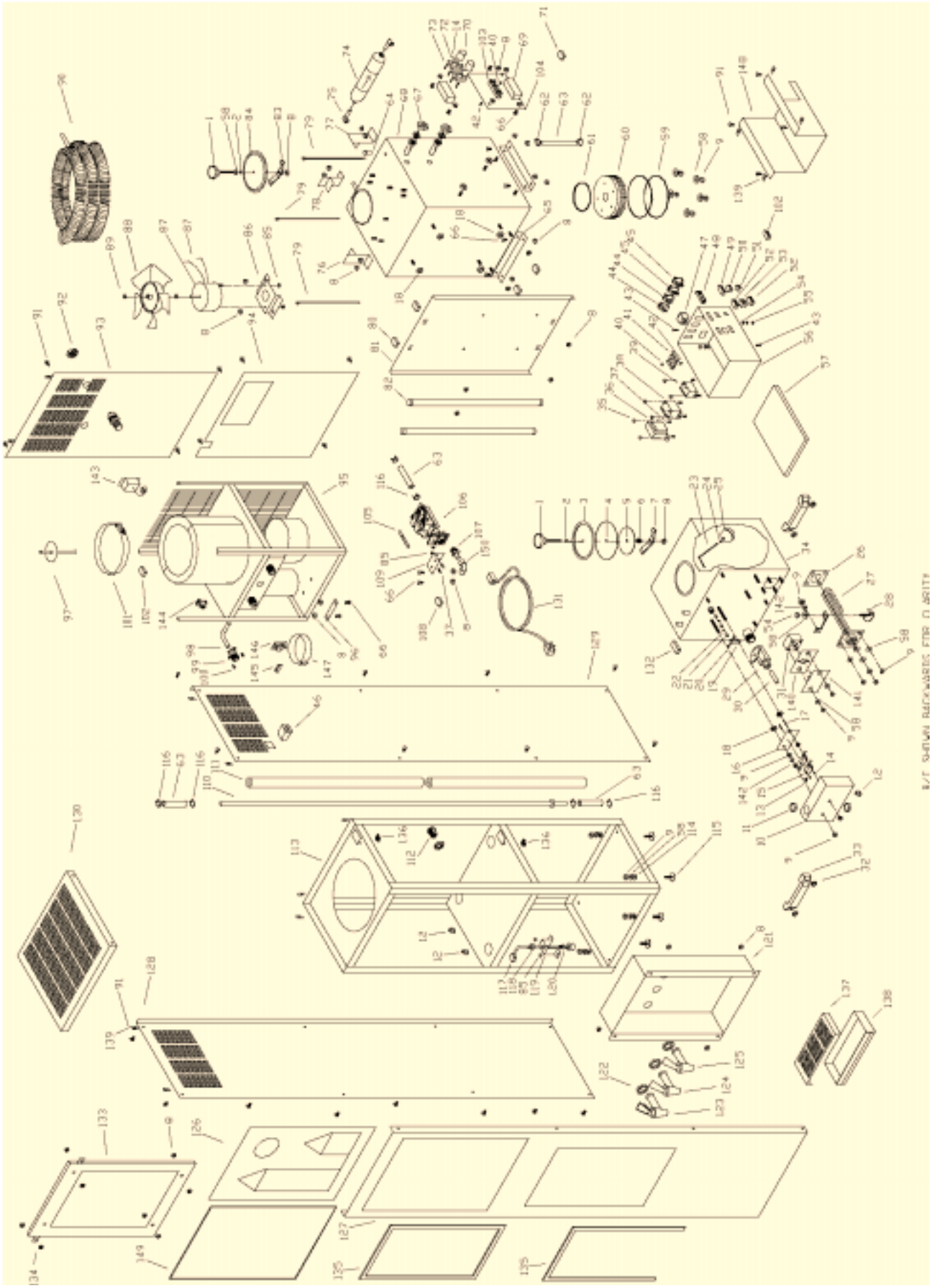


# Parts List

| Key # | 120V P/N | 240V P/N | Description |
|---|---|---|---|
| 1 | 8009 | 8009 | Lid Knob with Stud |
| 2 | 6022 | 6022 | Lid O-Ring |
| 3 | 519 | 519 | Lid Disc |
| 4 | 69 | 69 | Lid Gasket |
| 5 | 533 | 533 | Gasket Retainer |
| 6 | 9085 | 9085 | Lid Spring |
| 7 | 402B | 402B | Lid Crossbar with Nut |
| 8 | 224-0003 | 224-0003 | Locknut, 1/4-20 |
| * | 406 | 406 | Lid Assy (Includes #1-8) |
| 9 | 9045 | 9045 | Nut, 1/4-20 |
| 10 | 48003 | 48003 | Switch Cover |
| 11 | 9220 | 9220 | Bushing, 1” Plastic |
| 12 | 7230 | 7230 | Wire Holder |
| 13 | 7127 | 7127 | Tab, Adapt. |
| 14 | 9041 | 9041 | Hex Nut, 4-40 |
| 15 | 7200 | 7200 | Microswitch |
| 16 | 516 | 516 | Switch Plate |
| 17 | 9030 | 9030 | Screw, 4-40 x 1-1/8” |
| 18 | 8070 | 8070 | Nylon Spacer |
| * | 662 | 662 | Microswitch Kit (Includes #14-#18) |
| 19 | 9082 | 9082 | Actuating Arm |
| 20 | 9024 | 9024 | Set Screw |
| 21 | 9080 | 9080 | Float Bushing, Teflon |
| 22 | 6021 | 6021 | Float O-ring |
| * | 604 | 604 | O-Ring and Bushing Kit (Includes #21 and #22) |
| 23 | 513 | 513 | Float Rod |
| 24 | 9018 | 9018 | #6 Hex Nut |
| 25 | 9519 | 9519 | Float Ball |
| * | 644 | 644 | Float Kit (Includes #19-#25) |
| 26 | 6005 | 6005 | Heating Element Gasket |
| 27 | 9303 | 9303V | Heating Element (1400W) |
| 28 | 400A-02 | 400A-02 | Clamp. Studded, Heating Element Kit #601 |
| * | 727 | 727V | Heating Element Kit (Includes #26-#28, 54, 58) |
| 29 | 9302 | 9302 | Drain Valve |
| 30 | 48018 | 48018 | Drain Tube |
| 31 | 7069 | 7069 | Reset, Heating Element Kit #601 |
| 32 | 9079 | 9079 | Nut, Acorn |
| 33 | 9108 | 9108 | Handle, Polymide |
| 34 | 48502-02 | 48502-02 | Boiling Tank, Welded |
| 35 | 9043 | 9043 | Hex Nut, #8 |
| 36 | 9314 | 9314V | Transformer |
| 37 | 9095 | 9095 | Screw, #8 |
| 38 | 9316 | 9316 | Relay, 24V, DPST |
| 39 | 7206 | 7206V | Relay, SPDT |
| 40 | 9018 | 9018 | Hex Nut, #6 |
| 41 | 9110 | 9110 | Buss Connector, 8 x 8 |
| 42 | 9023 | 9023 | Screw, #6 |
| 43 | 9059 | 9059 | Screw, #10 |
| 44 | 7228 | 7228 | Switch, On/Off *Kit #642 |
| 45 | 7232 | 7232 | Switch, Lighted *Kit #648 |
| 46 | 219-0227 | 219-0227 | Hour Meter |
| 47 | 7275 | 7275 | Connector IEC |
| 48 | 9315 | 9412 | Circuit Breaker, Resetable |
| 49 | 7129 | 7129 | Conn, 5 Pin Female |
| 50 | 7133 | 7133 | Conn, 3 Pin Female |
| 51 | 7136 | 7136 | Conn, 2 Pin Female |
| 52 | 7148 | 7148 | Conn, 4 Pin Female |
| 53 | 7139 | 7139 | Conn, 6 Pin Female |
| 54 | 9046 | 9046 | Washer, Lock #10 |
| 55 | 9061 | 9061 | Hex Nut, #10 |
| 56 | 48503-01 | 48503-01 | Welded Elec. Box |
| 57 | 48032 | 48032 | Elec. Box Lid |
| 58 | 9009 | 9009 | Washer, Flat, 1/4” |
| 59 | 9310 | 9310 | 6” O-ring |
| 60 | 9301 | 9301 | Coupler, Plastic |
| 61 | 9311 | 9311 | 5” O-Ring |
| 63 | 9541 | 9541 | Silicone Tubing |
| 64 | 8014 | 8014 | Air Filter |
| 65 | 48019 | 48019 | Bracket, S/T |
| 66 | 223-0002 | 223-0002 | Screw, 1/4-20 |
| 67 | 110-9057 | 110-9057 | Storage Tank Float Kit # 677 |
| 68 | 48506-02 | 48506-02 | Storage Tank, Studded |
| 69 | 9323 | 9323V | Light Ballast *Kit # 731 & #731V |
| 70 | 9321 | 9321V | Starter *Kit #732 & #732V |
| 71 | 7138 | 7138 | Conn, 6 Pin Male |
| 72 | 9322 | 9322 | Starter Base |
| 73 | 9001 | 9001 | Screw, #4 |
| 74 | 9406 | 9406 | Filter, Carbon *Kit #9406A |
| Key # | 120V P/N | 240V P/N | Description |

| | | | |
|---|---|---|---|
| 75 | 9614 | 9614 | Elbow, 3/8” |
| 76 | 48507 | 48507 | Short Coil Bracket |
| 77 | 48508 | 48508 | Med. Coil Bracket |
| 78 | 48509 | 48509 | Tall Coil Bracket |
| 79 | 7246 | 7246 | Cable Tie, Black |
| 80 | 9324 | 9324 | Lamp Holder |
| 81 | 48040 | 48040 | Light Housing |
| 82 | 9320 | 9320 | Light Bulb *Kit #730 |
| 83 | 402C-01 | 402C-01 | Crossbar, S/T |
| 84 | 548 | 548 | Lid, Storage Tank |
| * | 410A | 410A | Lid, S/T (Includes #1,2,8,58,83,84) |
| 85 | 9003 | 9003 | Nut, #8 Nylock |
| 86 | 541 | 541 | Fan Bracket |
| 87 | 7092 | 70103A | Fan Motor |
| 88 | 7010 | 7010 | Fan Blade |
| 89 | 9092 | 9092 | Push Nut |
| * | 639 | 639 | Fan Blade Kit (Includes #88 & #89) |
| * | 653 | 653V | Fan and Motor Kit (Includes #87-#89) |
| 90 | 9304 | 9304 | Condensing Coil *Kit #729 |
| 91 | 9029 | 9029 | Sheetmetal Screw, #10 |
| 92 | 7026 | 7026 | Connector, Gray, 3/8” |
| 93 | 48028 | 48028 | Top Back Panel |
| 94 | 48029 | 48029 | Bottom Back Panel |
| 95 | 48517A | 48517AV | Compressor Assy. Room & Cold |
| 96 | 48044 | 48044 | Cooler Bracket |
| 97 | 45518 | 45518 | Cooler Baffle |
| 101 | 9317 | 9317 | T-Bar Clamp, 6” |
| 102 | 7147 | 7147 | Conn. 4 Pin Male |
| 103 | 9111 | 9111 | Buss Connector, 2x3x4 |
| 104 | 48041 | 48041 | Ballast Plate |
| 105 | 9526 | 9526 | Tubing, 1/4” OD |
| 106 | 7219 | 7219V | Inlet Solenoid Valve *Kit #728 & #728V |
| 107 | 9638 | 9638 | Elbow, Speedfit, 3/8” x 1/4” |
| 108 | 7134 | 7134 | Conn. 3 Pin Male |
| 109 | 48039 | 48039 | Valve Bracket |
| 110 | 48501 | 48501 | Welded Steam Tube |
| 111 | 48030 | 48030 | Insulation, Set, B/T and Pipe |
| 112 | 221-9000 | 221-9000 | Speedfit, Bulkhead |
| 113 | 48504 | 48504 | Welded Frame |
| 114 | 6049 | 6049 | Rubber Washer |
| 115 | 9592 | 9592 | Adjustable Leg |
| 116 | 6103 | 6103 | Hose Clamp, Plastic |
| 117 | 7132 | 7132 | Conn. 2 Pin Male |
| 118 | 9048 | 9048 | Nut, 1/8” MPT |
| 119 | 32029 | 32029 | Bracket, Float |
| 120 | 213-0037 | 213-0037 | Safety Float |
| 121 | 48521A | 48521A | Welded Faucet Bracket, 2 Hole |
| 122 | 9319 | 9319 | Rubber Washer |
| 124 | 9306 | 9306 | White Faucet |
| 125 | 9305 | 9305 | Blue Faucet |
| 126 | 9325 | 9325 | Graphic |
| 127 | 48513 | 48513 | Front Cladding |
| 128 | 48024C | 48024C | Left Cladding |
| 129 | 48024B | 48024B | Right Cladding |
| 130 | 48025 | 48025 | Top Cladding |
| 131 | 7276 | ** | Power Cord |
| 132 | 7128 | 7128 | Conn. 5 Pin Male |
| 133 | 48505 | 48505 | Welded Frame |
| 134 | 9408 | 9408 | Nylon Spacer |
| 135 | 6070 | 6070 | Wire Trim |
| 136 | 9328 | 9328 | Wire Clip |
| 137 | 48027 | 48027 | Drip Pan Cover |
| 138 | 48512 | 48512 | Drip Pan |
| 139 | 9047 | 9047 | Clip, J Type |
| 140 | 510 | 510 | Reset Plate, Insulated |
| 141 | 424A | 424A | Reset Plate, SS |
| 142 | 9032 | 9032 | Lock Washer, 1/4” |
| 143 | 9332 | 9332 | Compressor Thermostat |
| 148 | 48036 | 48036 | Electrical Box Support |
| 149 | 9326 | 9326 | Plastic Graphic Cover |
| 150 | 9605 | 9605 | Elbow, Speedfit, 3/8” x 1/4” |
| 151 | 9621 | 9621 | Connector, Speedfit, 3/8”X1/4” |
| 152 | 221-0056 | 221-0056 | Plug, 3/8”, Speedfit |
| *** | 48525 | 48525 | Wire Kit |
| * Parts Kit | | | |
| ** Sold Separately | | | |
| *** Not Shown | | | |
| | | | |
| | | | |

# Exploded Drawing:  48999 Three Temperature Unit



# Parts List

| Key # | 120V P/N | 240V P/N | Description |
|---|---|---|---|
| 1 | 8009 | 8009 | Lid Knob with Stud |
| 2 | 6022 | 6022 | Lid O-Ring |
| 3 | 519 | 519 | Lid Disc |
| 4 | 69 | 69 | Lid Gasket |
| 5 | 533 | 533 | Gasket Retainer |
| 6 | 9085 | 9085 | Lid Spring |
| 7 | 402B | 402B | Lid Crossbar with Nut |
| 8 | 224-0003 | 224-0003 | Locknut, 1/4-20 |
| * | 406 | 406 | Lid Assy (Includes #1-8) |
| 9 | 9045 | 9045 | Nut, 1/4-20 |
| 10 | 48003 | 48003 | Switch Cover |
| 11 | 9220 | 9220 | Bushing, 1” Plastic |
| 12 | 7230 | 7230 | Wire Holder |
| 13 | 7127 | 7127 | Tab, Adapt. |
| 14 | 9041 | 9041 | Hex Nut, 4-40 |
| 15 | 7200 | 7200 | Microswitch |
| 16 | 516 | 516 | Switch Plate |
| 17 | 9030 | 9030 | Screw, 4-40 x 1-1/8” |
| 18 | 8070 | 8070 | Nylon Spacer |
| * | 662 | 662 | Microswitch Kit (Includes #14-#18) |
| 19 | 9082 | 9082 | Actuating Arm |
| 20 | 9024 | 9024 | Set Screw |
| 21 | 9080 | 9080 | Float Bushing, Teflon |
| 22 | 6021 | 6021 | Float O-ring |
| * | 604 | 604 | O-Ring and Bushing Kit (Includes #21 and #22) |
| 23 | 513 | 513 | Float Rod |
| 24 | 9018 | 9018 | #6 Hex Nut |
| 25 | 9519 | 9519 | Float Ball |
| * | 644 | 644 | Float Kit (Includes #19-#25) |
| 26 | 6005 | 6005 | Heating Element Gasket |
| 27 | 9303 | 9303V | Heating Element (1400W) |
| 28 | 400A-02 | 400A-02 | Clamp. Studded, Heating Element Kit #601 |
| * | 727 | 727V | Heating Element Kit (Includes #26-#28, 54, 58) |
| 29 | 9302 | 9302 | Drain Valve |
| 30 | 48018 | 48018 | Drain Tube |
| 31 | 7069 | 7069 | Reset, Heating Element Kit #601 |
| 32 | 9079 | 9079 | Nut, Acorn |
| 33 | 9108 | 9108 | Handle, Polymide |
| 34 | 48502-02 | 48502-02 | Boiling Tank, Welded |
| 35 | 9043 | 9043 | Hex Nut, #8 |
| 36 | 9314 | 9314V | Transformer |
| 37 | 9095 | 9095 | Screw, #8 |
| 38 | 9316 | 9316 | Relay, 24V, DPST |
| 39 | 7206 | 7206V | Relay, SPDT |
| 40 | 9018 | 9018 | Hex Nut, #6 |
| 41 | 9110 | 9110 | Buss Connector, 8 x 8 |
| 42 | 9023 | 9023 | Screw, #6 |
| 43 | 9059 | 9059 | Screw, #10 |
| 44 | 7228 | 7228 | Switch, On/Off *Kit #642 |
| 45 | 7232 | 7232 | Switch, Lighted *Kit #648 |
| 46 | 219-0227 | 219-0227 | Hour Meter |
| 47 | 7275 | 7275 | Connector IEC |
| 48 | 9315 | 9412 | Circuit Breaker, Resetable |
| 49 | 7129 | 7129 | Conn, 5 Pin Female |
| 50 | 7133 | 7133 | Conn, 3 Pin Female |
| 51 | 7136 | 7136 | Conn, 2 Pin Female |
| 52 | 7148 | 7148 | Conn, 4 Pin Female |
| 53 | 7139 | 7139 | Conn, 6 Pin Female |
| 54 | 9046 | 9046 | Washer, Lock #10 |
| 55 | 9061 | 9061 | Hex Nut, #10 |
| 56 | 48503-01 | 48503-01 | Welded Elec. Box |
| 57 | 48032 | 48032 | Elec. Box Lid |
| 58 | 9009 | 9009 | Washer, Flat, 1/4” |
| 59 | 9310 | 9310 | 6” O-ring |
| 60 | 9301 | 9301 | Coupler, Plastic |
| 61 | 9311 | 9311 | 5” O-Ring |
| 62 | 9922 | 9922 | Hose Clamp |
| 63 | 9541 | 9541 | Silicone Tubing |
| 64 | 8014 | 8014 | Air Filter |
| 65 | 48019 | 48019 | Bracket, S/T |
| 66 | 223-0003 | 223-0002 | Screw, 1/4”-20 |
| 67 | 110-9057 | 110-9057 | Storage Tank Float Kit # 677 |
| 68 | 48506-02 | 48506-02 | Storage Tank, Studded |
| 69 | 9323 | 9323V | Light Ballast *Kit # 731 & #731V |
| 70 | 9321 | 9321V | Starter *Kit #732 & #732V |
| 71 | 7138 | 7138 | Conn, 6 Pin Male |
| 72 | 9322 | 9322 | Starter Base |
| 73 | 9001 | 9001 | Screw, #4 |
| 74 | 9406 | 9406 | Filter, Carbon *Kit #9406A |
| 75 | 9614 | 9614 | Elbow, 3/8” |

| Key # | 120V P/N | 240V P/N | Description |
|---|---|---|---|
| 76 | 48507 | 48507 | Short Coil Bracket |
| 77 | 48508 | 48508 | Med. Coil Bracket |
| 78 | 48509 | 48509 | Tall Coil Bracket |
| 79 | 7246 | 7246 | Cable Tie, Black |
| 80 | 9324 | 9324 | Lamp Holder |
| 81 | 48040 | 48040 | Light Housing |
| 82 | 9320 | 9320 | Light Bulb *Kit #730 |
| 83 | 402C-01 | 402C-01 | Crossbar, S/T |
| 84 | 548 | 548 | Lid, Storage Tank |
| * | 410A | 410A | Lid, S/T (Includes #1,2,8,58,83,84) |
| 85 | 9003 | 9003 | Nut, #8 Nylock |
| 86 | 541 | 541 | Fan Bracket |
| 87 | 7092 | 70103A | Fan Motor |
| 88 | 7010 | 7010 | Fan Blade |
| 89 | 9092 | 9092 | Push Nut |
| * | 639 | 639 | Fan Blade Kit (Includes #88 & #89) |
| * | 653 | 653V | Fan and Motor Kit (Includes #87-#89) |
| 90 | 9304 | 9304 | Condensing Coil *Kit #729 |
| 91 | 9029 | 9029 | Sheetmetal Screw, #10 |
| 92 | 7026 | 7026 | Connector, Gray, 3/8” |
| 93 | 48028 | 48028 | Top Back Panel |
| 94 | 48029 | 48029 | Bottom Back Panel |
| 95 | 48517 | 48517V | Compressor Assy. |
| 96 | 48044 | 48044 | Cooler Bracket |
| 97 | 45518 | 45518 | Cooler Baffle |
| 98 | 48007 | 48007 | Elbow, 3/8” |
| 99 | 9318 | 9318 | Plastic Connector |
| 100 | 9033 | 9033 | Screw, #6 |
| 101 | 9317 | 9317 | T-Bar Clamp, 6” |
| 102 | 7147 | 7147 | Conn. 4 Pin Male |
| 103 | 9111 | 9111 | Buss Connector, 2 x 3 x 4 |
| 104 | 48041 | 48041 | Ballast Plate |
| 105 | 9526 | 9526 | Tubing, 1/4” OD |
| 106 | 7219 | 7219V | Inlet Solenoid Valve *Kit #728 & #728V |
| 107 | 9638 | 9638 | Elbow, Speedfit, 3/8” x 1/4” |
| 108 | 7134 | 7134 | Conn. 3 Pin Male |
| 109 | 48039 | 48039 | Valve Bracket |
| 110 | 48501 | 48501 | Welded Steam Tube |
| 111 | 48030 | 48030 | Insulation, Set, B/T and Pipe |
| 112 | 221-9000 | 221-9000 | Speedfit, Bulkhead |
| 113 | 48504 | 48504 | Welded Frame |
| 114 | 6049 | 6049 | Rubber Washer |
| 115 | 9592 | 9592 | Adjustable Leg |
| 116 | 6103 | 6103 | Hose Clamp, Plastic |
| 117 | 7132 | 7132 | Conn. 2 Pin Male |
| 118 | 9048 | 9048 | Nut, 1/8” MPT |
| 119 | 32029 | 32029 | Bracket, Float |
| 120 | 213-0037 | 213-0037 | Safety Float |
| 121 | 48521 | 48521 | Welded Faucet Bracket |
| 122 | 9319 | 9319 | Rubber Washer |
| 123 | 9307 | 9307 | Red Faucet |
| 124 | 9306 | 9306 | White Faucet |
| 125 | 9305 | 9305 | Blue Faucet |
| 126 | 9325 | 9325 | Graphic |
| 127 | 48513 | 48513 | Front Cladding |
| 128 | 48024C | 48024C | Left Cladding |
| 129 | 48024B | 48024B | Right Cladding |
| 130 | 48025 | 48025 | Top Cladding |
| 131 | 7276 | ** | Power Cord |
| 132 | 7128 | 7128 | Conn. 5 Pin Male |
| 133 | 48505 | 48505 | Welded Frame |
| 134 | 9408 | 9408 | Nylon Spacer |
| 135 | 6070 | 6070 | Wire Trim |
| 136 | 9328 | 9328 | Wire Clip |
| 137 | 48027 | 48027 | Drip Pan Cover |
| 138 | 48512 | 48512 | Drip Pan |
| 139 | 9047 | 9047 | Clip, J Type |
| 140 | 510 | 510 | Reset Plate, Insulated |
| 141 | 424A | 424A | Reset Plate, SS |
| 142 | 9032 | 9032 | Lock Washer, 1/4” |
| 143 | 9332 | 9332 | Compressor Thermostat |
| 144 | 9331 | 9331 | Switch, Hot Tank |
| 145 | 9334 | 9334 | Limiter, Hot Tank |
| 146 | 9330 | 9330 | Hot Tank Thermostat |
| 147 | 9333 | 9333V | Hot Tank Heater |
| 148 | 48036 | 48036 | Electrical Box Support |
| 149 | 9326 | 9326 | Plastic Graphic Cover |
| 150 | 9605 | 9605 | Elbow, Speedfit, 3/8” x 1/4” |
| *** | 48525 | 48525 | Wire Kit |

* Parts Kit
** Sold Separately
*** Not Shown