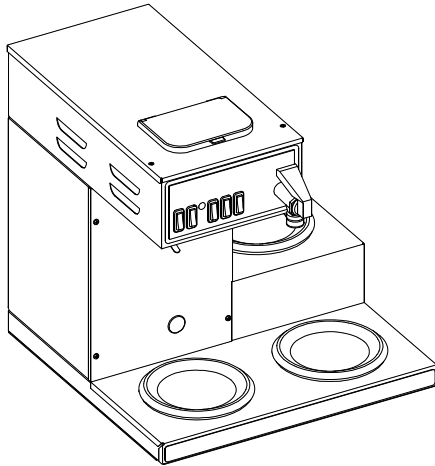
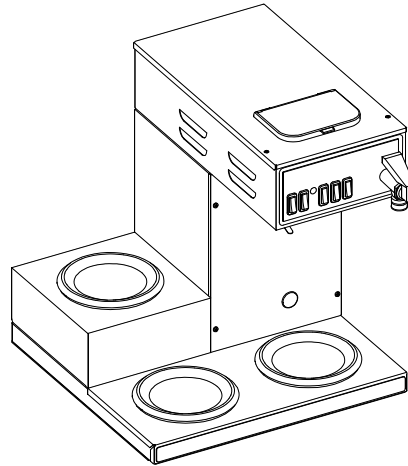


LA-3 SERIES

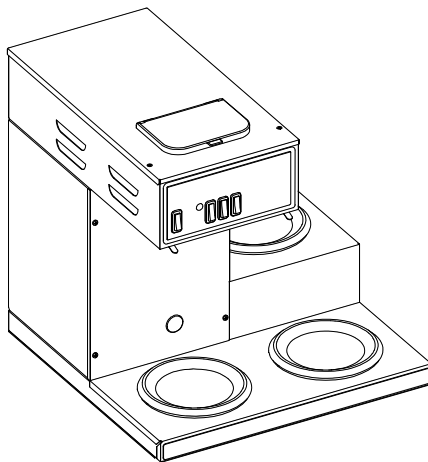
Automatic And Pour-Over Coffee Brewers



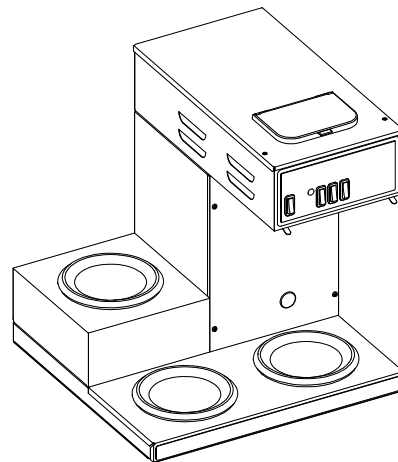
1034505, 1034521
Automatic Brewer, Left Hand



1034506, 1034520
Automatic Brewer, Right Hand



1034516
Pour-Over Brewer, Left Hand



1034517
Pour-Over Brewer, Right Hand



20333 S. Normandie Ave., CA 90502
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Parts And Service

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Read all instructions and safeguards included in the original packaging and in this service manual carefully and completely before installing, operating or servicing this appliance. Additional copies of installation instructions and service manuals are available upon request.

The proper performance of service is essential for the safe and effective operation of this appliance. Repairs should be performed by qualified service personnel only. If you are unable to, or need help servicing this appliance, contact the nearest Brewmatic Authorized Service Agent or you can contact Brewmatic Company at 800-421-6860.

Only Authorized Replacement Parts Should Be Used. Part substitutions could create a fire hazard and the risk of personal injury. The use of replacement parts or accessory attachments not recommended by Brewmatic may be hazardous.

Do Not By-Pass Any Safety Mechanisms Or Operate This Appliance Without Covers In Place. Brewmatic requires that all safety devices and covers be in place and functioning at all times to guard against a fire hazard and the risk of personal injury.

Brewmatic Does Not Recommend, And Will Not Furnish Anyone With Information For Changing The Electrical Rating Of Any Appliance Manufactured Or Distributed By Brewmatic Company. Brewmatic will not approve of any unauthorized changes to the basic design of this appliance. Any modification or alteration to the appliance may create a fire hazard, may create a risk of personal injury, may void the safety listings and may void the warranty.

Plumbing connections - All plumbing connections to water supply lines and drains should be performed by a licensed plumber complying with all applicable plumbing codes having jurisdiction.

Electrical connections - With the exception of cords with plugs already attached, all electrical connections or alterations to the power supply should be performed by a licensed electrician complying with all applicable electrical codes having jurisdiction.

When repairing or replacing internal electrical wiring, in part or in whole, use only terminals and wires with the same rating, gauge and insulation covering.

When calling for information, parts or service, have the model number, serial number, voltage, wattage, phase and date of purchase available. Electrical information may be obtained from the electrical information nameplate located on the appliance.

All procedures, diagrams and specifications contained in this manual are based on the latest information available at the time of publication. Information, parts and specifications are subject to change without notice.

We assume no liability for any damage to person or property caused by the utilization of this publication to effect maintenance or repairs.

Due to periodic reviews and changes in safety listing standards, listings and approvals may change at any time. For current listing and approval information contact Brewmatic.

APPLIANCE INFORMATION

Appliance Specifications:

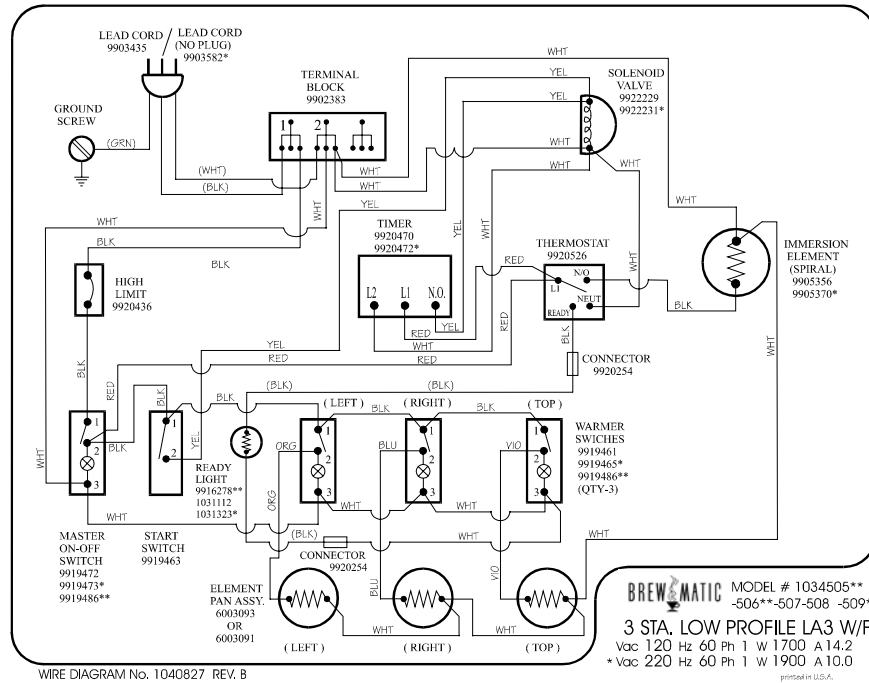
Model Number:	1034505	1034521	1034506	1034520	1034516	1034517
Description:	LA-3 Automatic Brewer With Faucet. Left Hand.	LA-3 Automatic Brewer With Faucet. Leftt Hand.	LA-3 Automatic Brewer With Faucet. Right Hand.	LA-3 Automatic Brewer With Faucet. Right Hand.	LA-3 Pour-Over Brewer. Left Hand.	LA-3 Pour-Over Brewer. Right Hand.
Volts:	120	120/240	120	120/240	120	120
Watts:	1700	2220	1700	2220	1700	1700
Amps:	14.2	11	14.2	11	14.2	14.2
Hertz:	60	60	60	60	60	60
Phase:	1	1	1	1	1	1
Power Supply Cord:	6 ft., 2 wire + ground, 15 amp, 14 awg.	6 ft., 3 wire + ground, 15 amp, 14 awg.	6 ft., 2 wire + ground, 15 amp, 14 awg.	6 ft., 3 wire + ground, 15 amp, 14 awg.	6 ft., 2 wire + ground, 15 amp, 14 awg.	6 ft., 2 wire + ground, 15 amp, 14 awg.
Plug:	NEMA 5-15 P. Furnished and attached.	Plug Not attached.	NEMA 5-15 P. Furnished and attached.	Plug Not attached.	NEMA 5-15 P. Furnished and attached.	NEMA 5-15 P. Furnished and attached.
Power Supply Required:	120 volt, 15 amp, dedicated circuit.	240 volt, 15 amp, dedicated circuit.	120 volt, 15 amp, dedicated circuit.	240 volt, 15 amp, dedicated circuit.	120 volt, 15 amp, dedicated circuit.	120 volt, 15 amp, dedicated circuit.
Wall Receptacle Required:	15 amp. NEMA 5-15 R. Not furnished.	Not furnished.	15 amp. NEMA 5-15 R. Not furnished.	Not furnished.	15 amp. NEMA 5-15 R. Not furnished.	15 amp. NEMA 5-15 R. Not furnished.
Water Supply Required:	30 psi min., 80 psi max.	30 psi min., 80 psi max.	30 psi min., 80 psi max.	30 psi min., 80 psi max.	None required.	None required.
Water Connection:	1/4" flared fitting. Flared nut supplied.	1/4" flared fitting. Flared nut supplied.	1/4" flared fitting. Flared nut supplied.	1/4" flared fitting. Flared nut supplied.	None.	None.
Listings:	ETL safety & sanitation.	ETL safety & sanitation.	ETL safety & sanitation.	ETL safety & sanitation.	ETL safety & sanitation.	ETL safety & sanitation.

Additional Information:

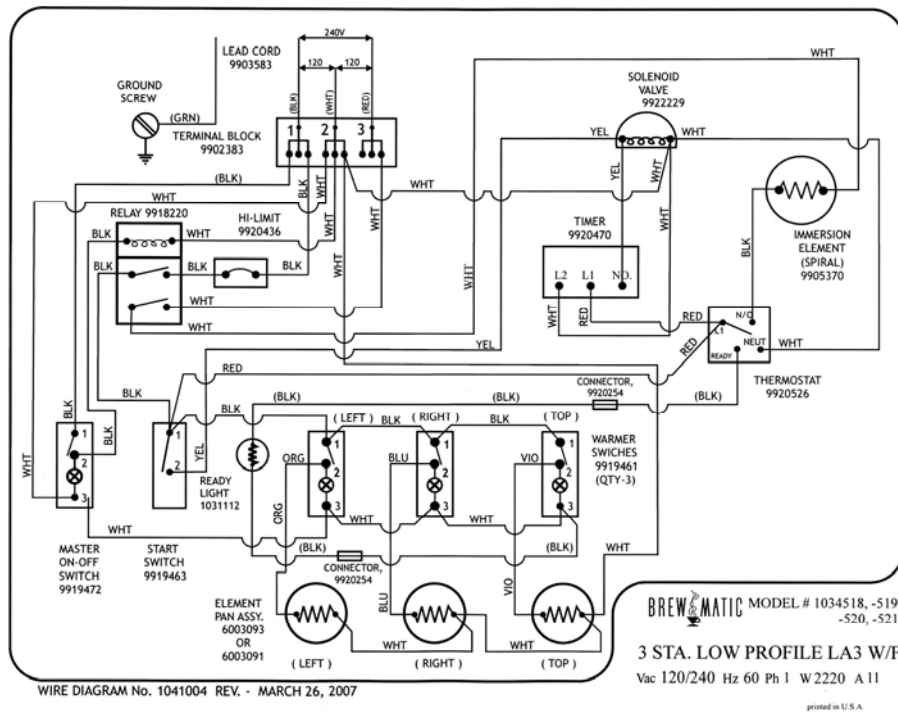
Brewing Capacity:	60 oz. 12 Cups.	60 oz. 12 Cups.	60 oz. 12 Cups.	60 oz. 12 Cups.	60 oz. 12 Cups.	60 oz. 12 Cups.
Brewing Temperature:	192° - 196°F	192° - 196°F	192° - 196°F	192° - 196°F	192° - 196°F	192° - 196°F
Temperature Adjustment:	⤵ Increase. ⤴ Decrease	⤵ Increase. ⤴ Decrease	⤵ Increase. ⤴ Decrease	⤵ Increase. ⤴ Decrease	⤵ Increase. ⤴ Decrease	⤵ Increase. ⤴ Decrease
Beverage Adjustment:	⤵ Increase. ⤴ Decrease	⤵ Increase. ⤴ Decrease	⤵ Increase. ⤴ Decrease	⤵ Increase. ⤴ Decrease	None	None
Timer Setting:	1:50 Min., Approximately	1:50 Min., Approximately	1:50 Min., Approximately	1:50 Min., Approximately	None	None
Faucet Adjustment:	5 oz. in 15 to 20 seconds. ⤵ Increase. ⤴ Decrease	5 oz. in 15 to 20 seconds. ⤵ Increase. ⤴ Decrease	5 oz. in 15 to 20 seconds. ⤵ Increase. ⤴ Decrease	5 oz. in 15 to 20 seconds. ⤵ Increase. ⤴ Decrease	None	None
Flow Control:	.25 gpm. Not Adjustable.	.25 gpm. Not Adjustable.	.25 gpm. Not Adjustable.	.25 gpm. Not Adjustable.	None	None
Hi-Limit Thermostat:	Manual Reset. Not adjustable.	Manual Reset. Not adjustable.	Manual Reset. Not adjustable.	Manual Reset. Not adjustable.	Manual Reset. Not adjustable.	Manual Reset. Not adjustable.

WIRING DIAGRAM

1034505, 1034506, 1034520, 1034521 – LA-3 Automatic Coffee Brewers



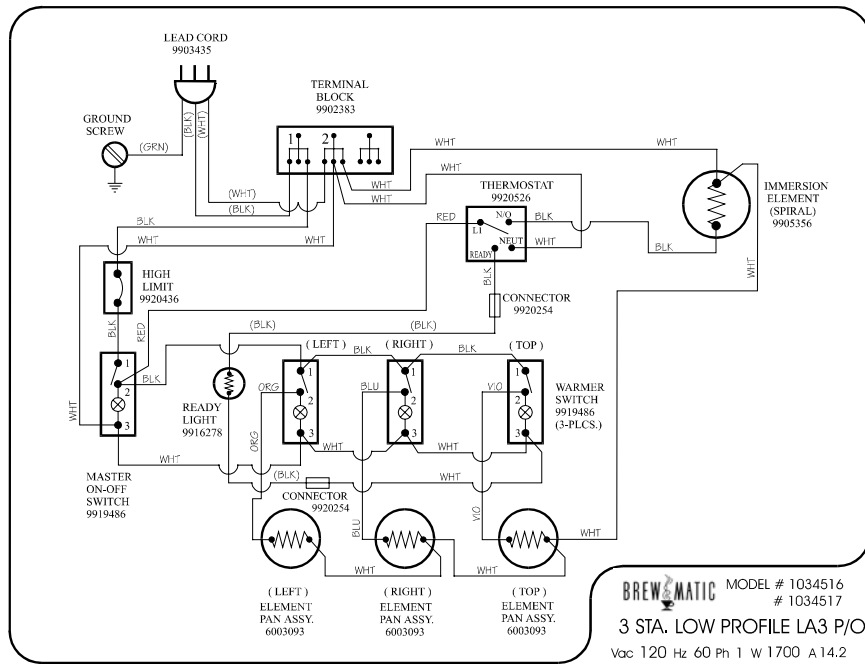
120V (Auto)



120/240V (Auto)

WIRING DIAGRAM

1034505, 1034506, 1034520, 1034521 – LA-3 Automatic Coffee Brewers



120V (P0)

TROUBLESHOOTING

Read and follow the cautions below before attempting to service this coffee brewer.

CAUTION:

Read and verify that the installation instructions have been followed before attempting to operate this appliance. Incorrect installation or operating procedures will void the warranty and may damage this appliance.

Unplug the power cord before servicing, unless electrical testing is required. Be certain the power supply is of the correct rating and polarity before connecting the power supply cord. The chassis must be grounded to prevent possible electric shock. Failure to heed this warning may damage this appliance and may cause injury.

Under no circumstance should the hi-limit thermostat be by-passed. In the event of failure the hi-limit thermostat should be replaced. Use only original or authorized replacement parts.

Carefully inspect the internal wiring for wear or damage when servicing. Worn or damaged wiring may cause malfunctions and premature component failures. Replace any wires that have loose connections, damaged insulation or show evidence of overheating. When repairing or replacing internal electrical wiring, in part or in whole, use only terminals and wires with the same rating, gauge and insulation covering.

Adjusting the faucet flow beyond factory recommended settings could result in rapid cooling of the faucet flow or result in excessive faucet head pressure.

Symptoms	Solutions
1. The coffee brewer will not operate. The lights and warmers do not work, and the coffee brewer will not brew coffee.	<p>Make sure the power supply cord is connected to a proper, working wall receptacle.</p> <p>Make sure the "Power" switch has been turned on.</p> <p>Check the main circuit breaker in the building to see if it has tripped.</p> <p>Reset or replace the hi-limit thermostat.</p> <p>Check to make sure the internal wiring is correct. Inspect for loose, damaged or overheating wires or terminals. Repair or replace wiring as necessary.</p> <p>Test the "Power" switch. Replace it if necessary.</p> <p>Test the power supply cord. Replace it if necessary.</p>

Symptoms	Solutions
<p>2. The coffee brewer will not brew coffee. The lights and warmers work, and the coffee brewer heats.</p>	<p>On automatic models, the start switch must be pressed to initiate a brew cycle. (Automatic models only.)</p> <p>On pour-over models, water must be poured in to initiate a brew cycle. Pour in approximately 60 oz. of water for each brew cycle. See installation instructions for correct procedures. (Pour-over models only.)</p> <p>Test the start switch. Replace it if necessary. (Automatic models only.)</p> <p>Inspect the reservoir and reservoir tubing for blockage.</p> <p>Check to make sure the internal wiring is correct. Inspect for loose, damaged or overheating wires or terminals. Repair or replace wiring as necessary.</p> <p>Test the timer. Replace it if necessary. (Automatic models only.)</p> <p>Open the flow control and clean the flow control washer and flow control screen. (Automatic models only.)</p> <p>Test the solenoid valve. Replace it if necessary. (Automatic models only.)</p> <p>If present, check any in-line water filters, check valves or shut-off valves for proper operation or blockage. (Automatic models only.)</p>
<p>3. The coffee brewer will not heat. The brew cycle and warmers work. The water for brewing is cold.</p>	<p>Test the thermostat. Replace it if necessary.</p> <p>Test the thermostat sensor. Replace it if necessary. (See #7)</p> <p>Test the immersion element. Replace it if necessary.</p> <p>Check to make sure the internal wiring is correct. Inspect for loose, damaged or overheating wires or terminals. Repair or replace wiring as necessary.</p>
<p>4. The coffee brewer takes much longer than normal to heat. The lights and warmers work.</p>	<p>Test the thermostat. Replace it if necessary.</p> <p>Test the thermostat sensor. Replace it if necessary. (See #7)</p> <p>Test the voltage supply. The voltage supplied should match the voltage requirement on the electrical nameplate.</p> <p>Test the immersion element. Replace it if necessary.</p> <p>Check to make sure the internal wiring is correct. Inspect for loose, damaged or overheating wires or terminals. Repair or replace wiring as necessary.</p>

Symptoms	Solutions
<p>5. The hi-limit thermostat keeps activating.</p>	<p>Check to make sure the tank has been filled with water. See the installation instructions for filling procedures.</p> <p>Test the hi-limit thermostat. Replace it if necessary.</p> <p>Make sure that the thermostat sensor is inserted all of the way into the well. (See #7)</p> <p>Test the brewing temperature. Adjust the thermostat if necessary. (See #7).</p> <p>Inspect the wiring on the hi-limit thermostat for loose, damaged or overheating wires or terminals. Repair or replace wiring as necessary.</p> <p style="text-align: center;">WARNING</p> <p>Under no circumstance should the hi-limit thermostat be by-passed. In the event of failure, the hi-limit thermostat should be replaced. Use only original or authorized replacement parts.</p>
<p>6. The coffee brewer trips the buildings circuit breaker.</p>	<p>Too many appliances are connected on one electrical circuit.</p> <p>The electrical circuits amperage rating is too low. Locate a correctly rated circuit or call an electrician to correct this problem.</p> <p>This coffee brewer may require a dedicated wall circuit or circuit breaker. Check the electrical specifications.</p> <p>Check to make sure the internal wiring is correct. Inspect for loose, damaged or overheating wires or terminals. Repair or replace wiring as necessary.</p> <p>Inspect the warmer elements for damage. Replace it if necessary.</p> <p>Inspect the immersion element for damage. Replace it if necessary.</p>
<p>7. The brewing temperature is either too hot or too cold.</p>	<p>Make sure that the thermostat sensor is inserted all of the way into the well.</p> <p>Adjust or replace the thermostat. Turn the adjustment screw clockwise to increase the temperature, counter-clockwise to decrease. Turn the adjustment screw a maximum of 1/8 turn per adjustment. Retest and adjust again if necessary. The recommended temperature is between 192° and 196°F. Test below the brew cone with water only.</p> <p style="text-align: center;">WARNING:</p> <p>If the thermostat cannot be adjusted properly it should be replaced. The thermostat is calibrated at the factory and no attempt should be made to recalibrate it. Use only original or authorized replacement parts.</p> <p>Test the thermostat sensor with an ohm meter. The sensor should read approximately 100,000 Ω at a normal room temperature of approximately 25c. As the heat to the sensor increases, the reading should decrease to zero.</p> <p>Note: The thermostat sensor must be coated with a thermal mastic heat transfer compound. (KMP Catalog Number PM8 or equivalent.)</p> <p>Inspect the inside of the tank for excessive hard water deposits on the thermostat well. Clean the well if necessary.</p>

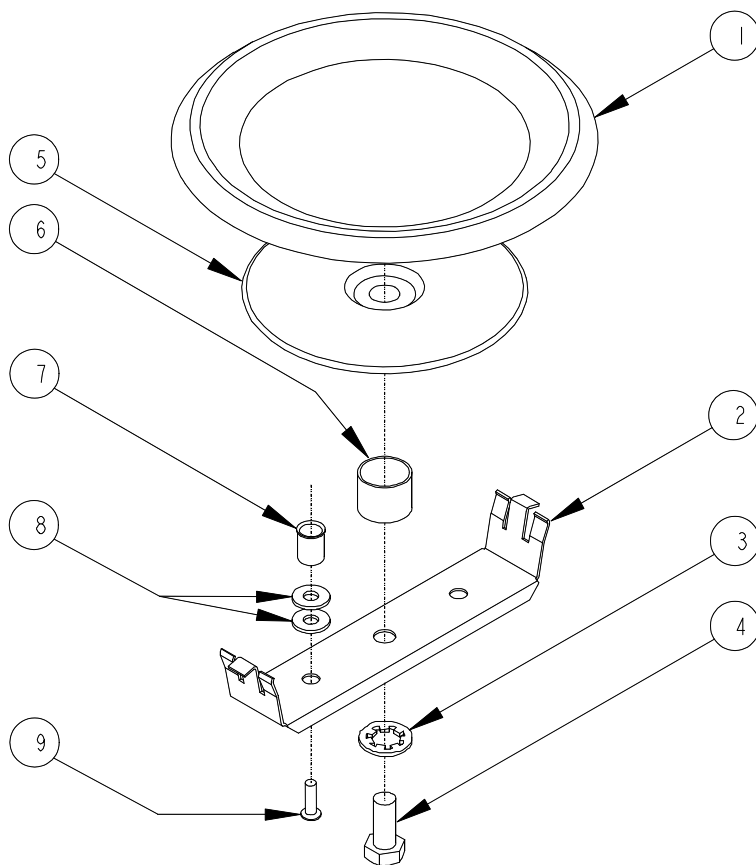
Symptoms	Solutions
8. The brewing cycle is too slow.	<p>Inspect and clean the spray head, silicone tubing and siphon fittings.</p> <p>Do not over tighten the tank lid hold-down screw. (See #10.)</p>
9. The beverage level is consistently high or consistently low. (Automatic models only.)	<p>Adjust the timer. To increase the beverage level turn the timer adjustment knob clockwise. To decrease the beverage level turn the adjustment knob counterclockwise. Turn the adjustment knob 1/2 reference mark maximum per adjustment. Retest and adjust again if necessary. Note: The marks on the timer are for reference only and are not intended as an accurate measurement of time.</p> <p>Test the timer. Replace it if necessary.</p> <p>Open the flow control and clean the flow control washer and flow control screen.</p> <p>The flow control washer should be .25 gpm. Incorrect flow washers can cause inaccurate beverage levels. The code printed on the back of the flow washer should be "CCP".</p> <p>Test the incoming water supply pressure. Water pressure should be between 30 and 80 psi. If the water pressure exceeds 80 psi, install a water pressure regulator and reduce the water pressure to 50 psi.</p>
10. The beverage level is inconsistent.	<p>Inspect and clean the spray head, silicone tubing and siphon fittings.</p> <p>Inspect the reservoir and reservoir tubing for blockage.</p> <p>Make sure the tank cover is in place correctly and that the gaskets are in good condition.</p> <p>Do not over tighten the tank lid hold-down screw. (See page 18, Item #16.) The screw should be just tight enough to seal the tank. Over tightening the screw can deform the tank lid causing water leaks and can also change the angle of the siphon fitting causing inconsistent brew levels</p> <p>Water or condensation on the timer may cause it to malfunction. Dry the timer and retest. (Automatic models only.)</p> <p>Test the incoming water supply for inconsistent water pressure. If the water pressure is inconsistent, install a water pressure regulator and reduce the water pressure to minimize water pressure fluctuations. (Automatic models only.)</p> <p>Test the timer. Replace it if necessary. (Automatic models only.)</p> <p>If present, check any in-line water filters, check valves or shut-off valves for proper operation or blockage. (Automatic models only.)</p> <p>Check the faucet coil fittings inside the tank for leaks. Tighten or replace these fittings as necessary. (Automatic models only.)</p> <p>Test the solenoid valve for leaks. Repair or replace it if necessary. (Automatic models only.)</p>
11. Water drips from the spray head for a long time after the brew cycle is finished.	<p>Inspect and clean the spray head, silicone tubing and siphon fittings.</p> <p>Inspect the reservoir and reservoir tubing for blockage.</p>

Symptoms	Solutions
<p>12. The brewing cycle starts by itself or will not shut off. (Automatic models only.)</p>	<p>Test the start switch. Replace it if necessary.</p> <p>Water or condensation on the timer may cause it to malfunction. Dry the timer and retest.</p> <p>Check the faucet coil fittings inside the tank for leaks. Tighten or replace these fittings as necessary.</p> <p>Test the solenoid valve for leaks. Replace it if necessary.</p> <p>Test the timer. Replace it if necessary.</p> <p>Check to make sure the internal wiring is correct. Inspect for loose, damaged or overheating wires or terminals. Repair or replace wiring as necessary.</p> <p>Test the incoming water supply pressure. Water pressure should be between 30 and 80 psi. Excessive water pressure can cause the valve to open or leak. If the pressure exceeds 80 psi, install a pressure regulator and reduce pressure to 50 psi.</p> <p>Water flow should enter the solenoid valve on the side marked "IN". Water entering the valve on the wrong side may cause the valve to open or leak.</p> <p>Inspect and clean the spray head, silicone tubing and siphon fittings.</p>
<p>13. Parts are failing frequently.</p>	<p>Check to make sure the internal wiring is correct. Inspect for loose, damaged or overheating wires or terminals. Repair or replace wiring as necessary.</p> <p>Test the voltage supply. The voltage supplied should match the voltage requirement on the electrical nameplate.</p> <p>Test the wall receptacle for correct polarity.</p> <p>Use only original, or authorized, replacement parts.</p>
<p>14. Water leaks from the bottom of the coffee brewer.</p>	<p>Inspect and clean the spray head, silicone tubing and siphon fittings.</p> <p>Inspect the reservoir and reservoir tubing for blockage.</p> <p>Make sure the tank cover is in place correctly and that the gaskets are in good condition.</p> <p>Do not over tighten the tank lid hold-down screw. (See #10.)</p> <p>Inspect the tank and tank fittings for leaks.</p> <p>The flow control washer should be .25 gpm. Incorrect flow washers may cause the tank to overflow. (Automatic models only.)</p> <p>Adjust the timer. (See #9.) (Automatic models only.)</p>
<p>15. The water from the hot water faucet comes out too fast or too slow. (Automatic models only.)</p>	<p>Adjust the faucet adjustment needle valve to approximately 5 oz. in 15 to 20 seconds. Turn the adjustment counterclockwise to increase the faucet flow, clockwise to decrease the faucet flow.</p> <p>Adjusting the faucet flow beyond recommended settings will result in rapid cooling of the faucet flow.</p>

Symptoms	Solutions
<p>16. The water from the hot water faucet is not hot enough. (Automatic models only.)</p>	<p>Make sure that the faucet is adjusted correctly. (See #15.)</p> <p>The coffee brewer must be on and heated before the faucet will deliver hot water.</p>
<p>17. The hot water faucet drips constantly. (Automatic models only.)</p>	<p>Check the faucet seat cup. If the seat cup appears cracked or the material has hardened, replace the seat cup.</p> <p>Inspect the faucet for hard water deposits, wear or leaks. Clean or replace as necessary.</p>
<p>18. No water at the hot water faucet. The brewing cycle works. (Automatic models only.)</p>	<p>Make sure that the faucet adjustment valve is turned on and adjusted correctly. (See #15.)</p> <p>Check the faucet and faucet water lines for blockage.</p>
<p>19. The warmers will not heat.</p>	<p>Test the warmer switch. Replace it if necessary.</p> <p>Check to make sure the internal wiring is correct. Inspect for loose, damaged or overheating wires or terminals. Repair or replace wiring as necessary.</p> <p>Test the warmer element. Replace it if necessary.</p>
<p>20. The solenoid valve or water supply lines chatter or howl. (Automatic models only.)</p>	<p>Check to make sure the internal wiring is correct. Inspect for loose, damaged or overheating wires or terminals. Repair or replace wiring as necessary.</p> <p>The coffee brewer should be connected to a cold water line only.</p> <p>Water supply lines should not touch the coffee brewer or counter top. Position the supply lines so that they do not touch anything.</p> <p>Test the incoming water supply pressure. Water pressure should be between 30 and 80 psi. Excessive water pressure can cause the valve to chatter. If the water pressure exceeds 80psi, install a water pressure regulator and reduce the water pressure to 50 psi.</p> <p>Water hammer. Contact a plumber to correct this problem.</p> <p>Test the solenoid valve. Replace it if necessary.</p>
<p>21. The coffee tastes weak or does not taste good.</p>	<p>Inspect and clean the spray head, silicone tubing and siphon fitting.</p> <p>Make sure the spray head is in place and the correct spray head is being used. The spray head should be stainless steel and have 5 holes. (See page 16, Item #47.)</p> <p>Test the brewing temperature. Adjust if necessary. (See #7.)</p> <p>Test the brew cycle for correct beverage level. Adjust if necessary. (See #9.) (Automatic models only.)</p> <p>Adjust the amount of ground coffee being used.</p> <p>Adjust the grind of the coffee.</p>

Symptoms	Solutions
<p>22. There are coffee grounds in the brewed coffee.</p>	<p>Test the brew cycle for correct beverage level. (See #9.) Adjust if necessary. (Automatic models only.)</p> <p>Inspect the brew cone for wear or damage. Replace it if necessary.</p> <p>Make sure the spray head is in place and the correct spray head is being used. The spray head should be stainless steel and have 5 holes. (See page 16, Item #47.)</p> <p>Adjust the amount of ground coffee being used or adjust the grind of the coffee. Too much coffee or coffee that is ground too fine may slow the flow of the water through the coffee.</p> <p>Make sure that the paper filter being used is correct for this type of coffee brewer.</p> <p>Two paper filters may have been used accidentally. Use only one filter per brew cycle.</p> <p>Fine grind coffees and water softening systems may affect the way the water flows through the brew cone and coffee, and may cause coffee grounds to appear in the brewed coffee. There are several options available to help solve this problem: Extended brew spray heads, wide base brew cones or a paper filter designed for faster water flow. Call Brewmatic for complete details and options.</p>

PARTS DIAGRAM & PARTS LIST
6003093 - Element Pan Assembly W/PTC Black

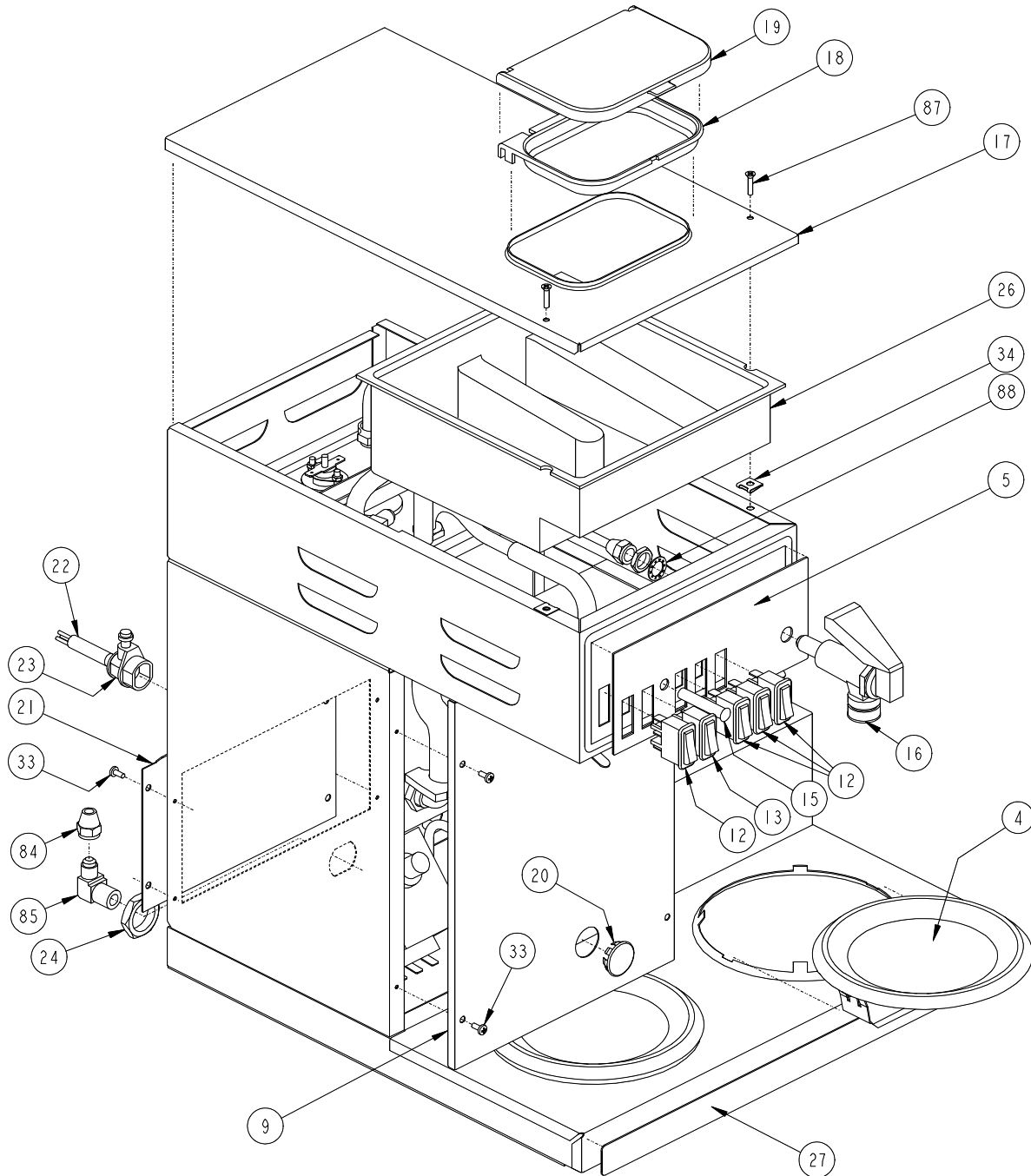


<u>Item #</u>	<u>Part #</u>	<u>Description</u>
1.	6001020	Element Pan Assembly, Black
2.	6004021	Bracket, Element
3.	9303115	Washer, Lock, With Internal Tooth, 5/16"
4.	9010115	Screw, Machine, 5/16"-18 x 3/4"
5.	9905329	Element, PTC
6.	6000578	Spacer, Element
7.	9905350	Eyelet, Element Pan
8.	9301106	Washer, #10 x .049 Thick, S/S
9.	9918270	Rivet, Tubular Aluminum

The PTC, or Positive Temperature Coefficient element is a self regulating element that adjusts its temperature to maintain a consistent preset level. The result is an even beverage temperature regardless of the beverage level in the decanter.

Another feature of this element is its ability to operate on voltages between 100 and 240 volts, and still maintain the same temperature settings.

PARTS DIAGRAM - EXTERNAL VIEW
1034505 & 1034506 – LA-3 Automatic Coffee Brewers



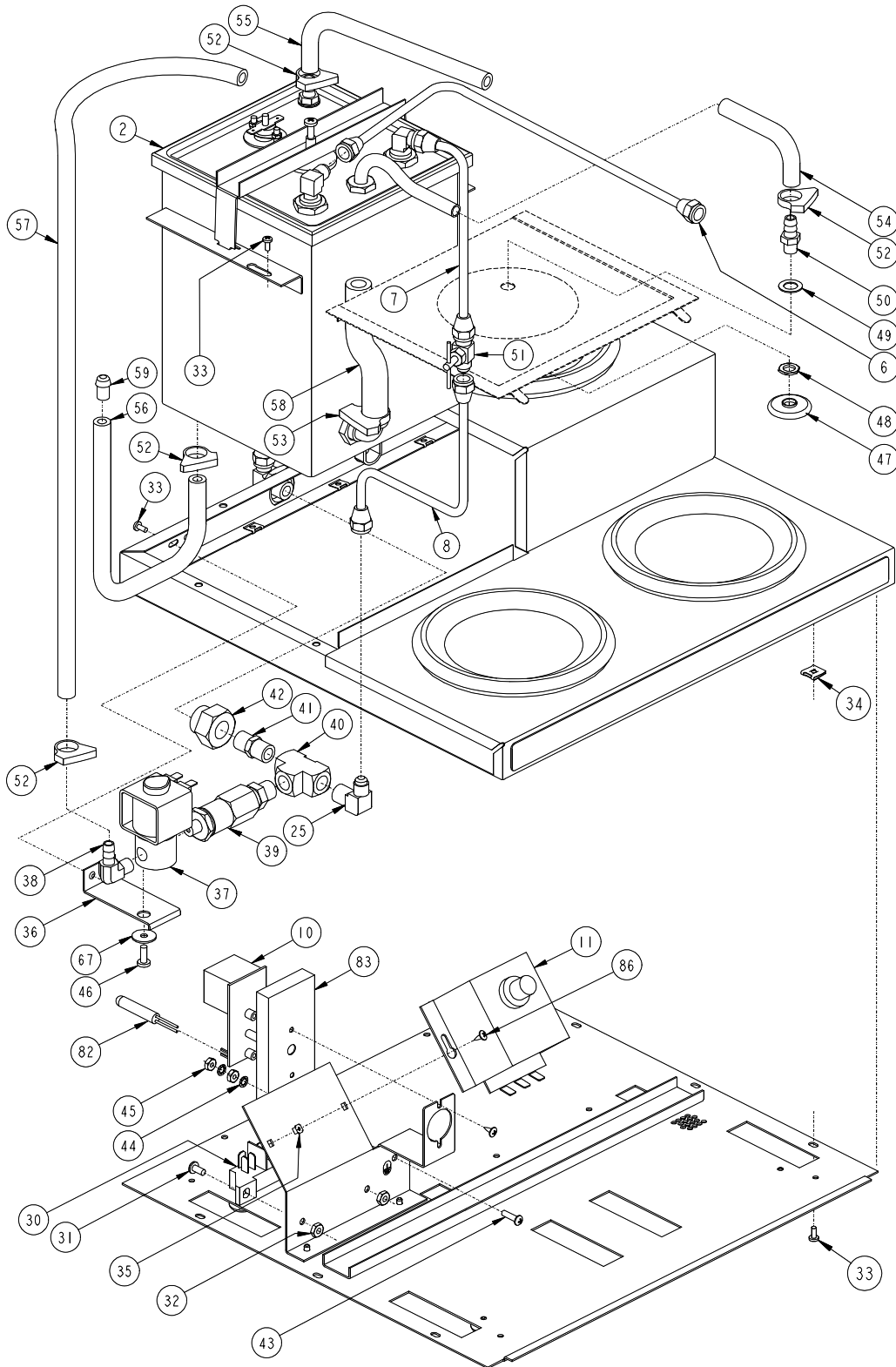
PARTS LIST - EXTERNAL VIEW
1034505, 1034506, 1034520, 1034521 – LA-3 Automatic Coffee Brewers

<u>Item #</u>	<u>Part #</u>	<u>Description</u>
4.	6003093	Element Pan Assembly, W/PTC, Black
5.	1040683	Facia, Hood, Black
9.	1034193	Panel, Front Access, (For 1034505, 1034521)
	1034206	Panel, Front Access, (For 1034506, 1034520)
12.	9919461	Switch, Single Rocker
13.	9919463	Switch, Start, Single Rocker
15.	1031112	Pilot Light
	9920254	Terminal Connector
16.	9906477	Faucet, Pressure
	9919457	Seat Cup, Faucet
	9901122	Aerator, Faucet
	9921119	Faucet Upper Assy
17.	1034109	Top Cover
18.	1034147	Grid, Pour-In, Plastic, Black
19.	1034148	Cover, Grid, Plastic, Black
20.	9916176	Plug, Snap, 7/8"
21.	1034192	Cover, Back Center
22.	9903435	Cord, Lead 120V
	9903583	Cord, Lead 220V
23.	9902329	Bushing, Strain Relief
24.	6000011	Nut, Hex, 1/2"
26.	6000637	Reservoir, Plastic, Brown
27.	1040684	Facia, Bottom, Black
33.	9001229	Screw, Machine, #6-32 x 7/16"
34.	9914285	Nut, Tinnerman
84.	9906103	Fitting, Flared Nut, 1/4", Brass
85.	9906201	Fitting, Elbow, Flared, 1/4" Tube, Brass
87.	9003141	Screw, Machine, #6-32 x 5/8"
88.	9303124	Washer, Lock, With External Tooth

Not Shown

28.	6000641	Cone, Wide Bottom, Black
75.	9919445	Spring, Coil, S/S, Cleanout, 17-5/8" Long
98.	9918220	Relay (For Model 1034520 & 1034521 Only)

PARTS DIAGRAM - INTERNAL VIEW
1034505, 1034506, 1034520, 1034521 – LA-3 Automatic Coffee Brewers

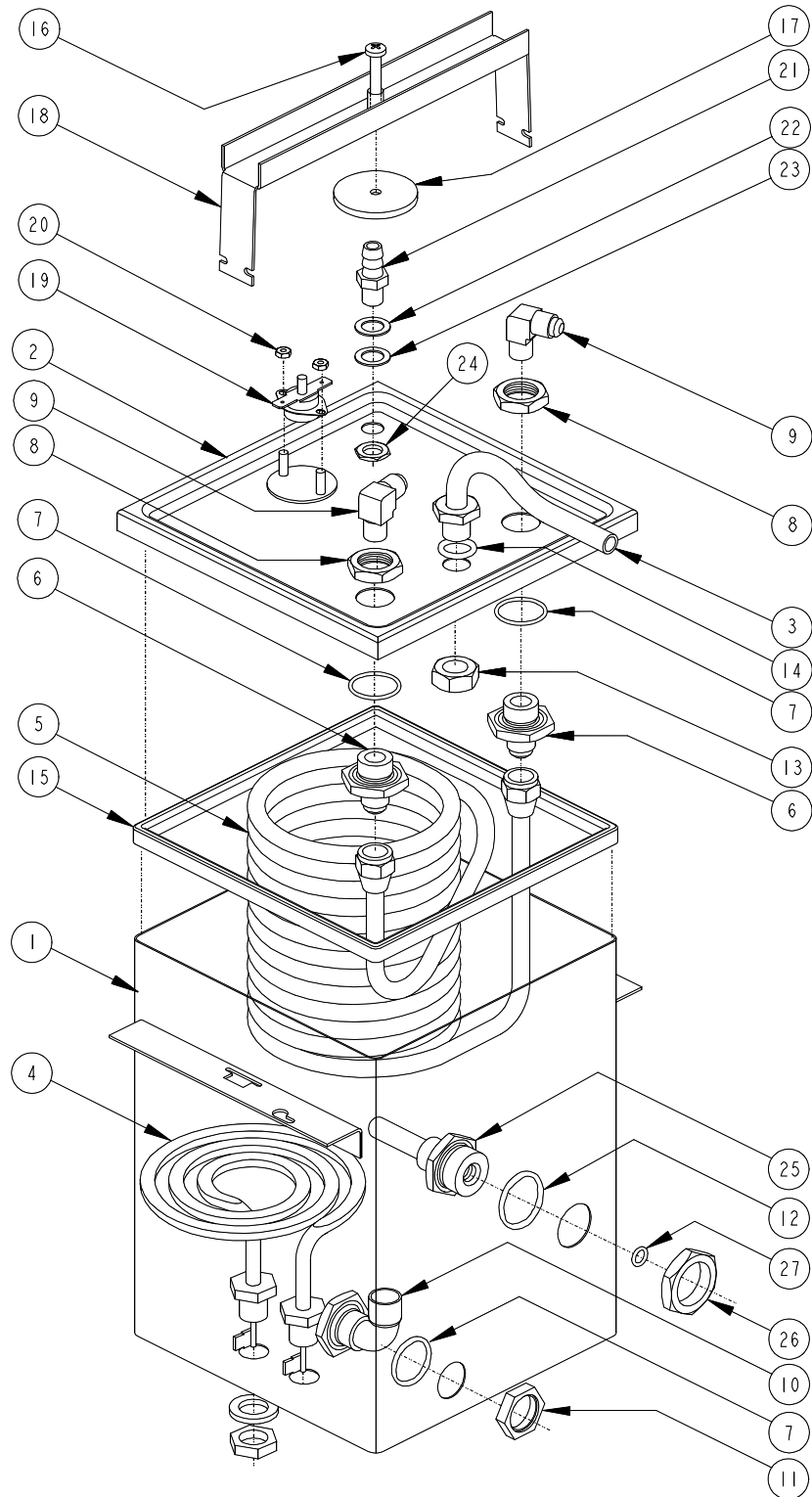


PARTS LIST - INTERNAL VIEW

1034505, 1034506, 1034520, 1034521 – LA-3 Automatic Coffee Brewers

<u>Item #</u>	<u>Part #</u>	<u>Description</u>
2.	1034203	Tank Assembly, 120V
	1034210	Tank Assembly, 240V
6.	1034197	Tube, Assembly, Faucet
7.	1010198	Tube Assembly, Needle Valve To Tank
8.	1010308	Tube Assembly, Solenoid Valve To Needle Valve
10.	9920526	Thermostat, Electronic, 120v
11.	9920470	Timer, W/Relay Output, 120v
25.	9906201	Fitting, Half Union
30.	9902383	Block, Terminal, 3 Pole
31.	9001162	Screw, Machine, #10-32 x 3/8"
32.	9201110	Nut, Hex, #10-32
33.	9001229	Screw, Machine, #6-32 x 7/16"
34.	9914285	Nut, Tinnerman
35.	9914354	Nut, Expansion
36.	1034196	Bracket, Valve
37.	9922229	Valve, Solenoid, 2 Way, 120v
38.	9906416	Fitting, 90°, 1/8" Pipe x 5/16" Hose
39.	9906561	Flow Control, .250 GPM
	9906434	Washer, Flow Control, .250 GPM
40.	9920130	Fitting, Tee, 1/4" Tube x 1/4" Tube x 1/4" Tube
41.	9914173	Nipple, Hex, Brass, 1/4" Pipe
42.	6000747	Bushing, Reducer, 1/4" Flare x 1/2" Straight Pipe x 1/4" Pipe
43.	9001208	Screw, Machine, #8-32 x 5/8"
44.	9303104	Washer, Lock, With Internal Tooth, #8
45.	9201145	Nut, Hex, #8-32, S/S
46.	9001258	Screw, Machine, #10-32 x 1/4"
47.	1031320	Spray, Head Brewer
48.	9202120	Nut, Hex, 1/8"-27 x 1/16" Thick
49.	9907223	Gasket, S/S, 13/32" ID x 11/16" OD x .032 Thick
50.	6000792	Fitting, 1/8" Straight Pipe x 5/16" Hose
51.	9922217	Valve Needle, 1/4" Tube
52.	9903549	Clamp, Hose, Double Tang, 1/2" Diam.
53.	9903550	Clamp, Hose, Double Tang, 11/16" Diam.
54.	1031268	Tube, Silicone, Siphon, 3-5/8" Long
55.	1034160	Tube, Silicone, Overflow, 8" Long
56.	1010029	Tube, Silicone, Drain, 16" Long
57.	1032316	Tube, Silicone, Fill, 27" Long
58.	1034161	Tube, Silicone, Connection, 4-1/2" Long
59.	9902346	Drain Plug, Bumper Stem
67.	9301205	Washer, #10, 13/64" x 11/16", S/S
82.	9919521	Sensor, Thermostat
83.	6000800	Shield, Thermostat
86.	9004104	Screw, Sheet Metal, #6 x 3/8"

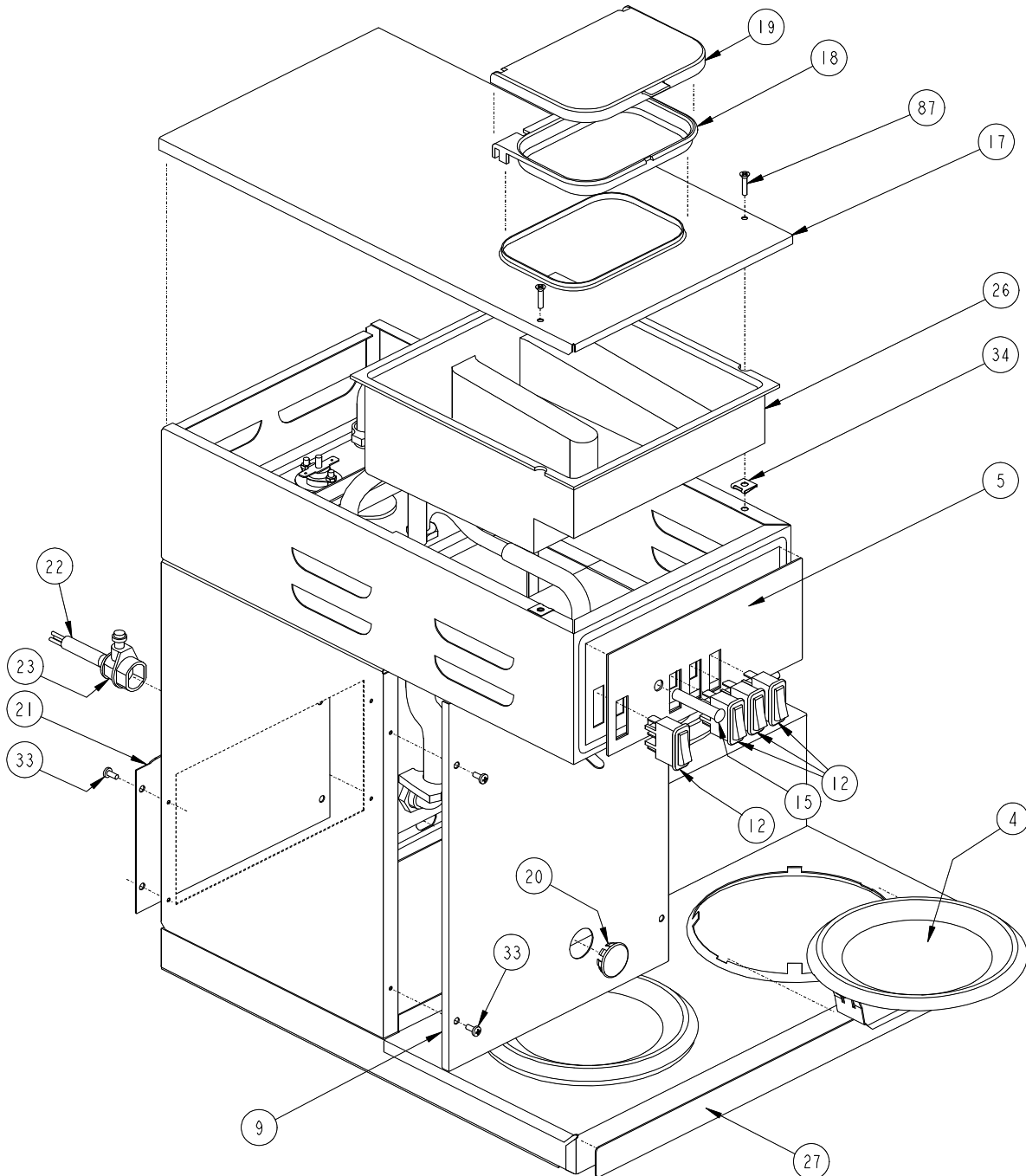
PARTS DIAGRAM - TANK VIEW
LA-3 Automatic and Pour-Over Coffee Brewers



PARTS LIST - TANK VIEW
LA-3 Automatic and Pour-Over Coffee Brewers

<u>Item #</u>	<u>Part #</u>	<u>Description</u>
1.	1034199	Weld Assembly, Tank
2.	1034202	Weld Assembly, Lid, Tank
3.	1034028	Tube Assembly, Spray Head
4.	9905356	Element, Spiral, 120v 1300W
	9905370	Element, Spiral, 220v 1600W
5.	1034010	Coil Assembly, Tank, (Automatic models only.)
6.	6000768	Fitting, Coil, (Automatic models only.)
7.	9915153	"O" Ring
8.	9914240	Nut, Hex, 3/8" Straight pipe, (Automatic models only.)
9.	9906154	Fitting, Elbow, Flare, 1/4" T To 1/8" P, (Automatic models only.)
10.	6000826	Fitting, Elbow, Soldered
11.	6000818	Nut, Hex, 3/8" Straight pipe
12.	9915155	"O" Ring, 1. OD x .864 ID x .07 Thick
13.	9202123	Nut, Hex, 1/2"-20 5/16" Thick
14.	9915110	"O" Ring, Spray Head, .487 ID x .693 OD
15.	1010254	Gasket, Tank
16.	9001261	Screw, Machine, 10-32 x 1-1/8"
17.	1034125	Adjustment Plate
18.	1034009	Bracket Assembly, Tank Lid
19.	9920436	Thermostat, Hi Heat Limiter, 120v
20.	9201152	Nut, Hex, #6-32 x 1/4"
21.	1040587	Fitting, 1/8" Taper P x 5/16" Hose
22.	9301203	Washer, .628 OD x .406 ID x .032, S/S
23.	9301181	Washer, .628 OD x .406 ID x .032
24.	9202120	Nut, Hex, 1/8"-27 x 1/16" Thick
25.	6000831	Thermostat Well
26.	6000011	Nut, Hex
27.	9915157	"O" Ring, 3/8" OD x 1/4" ID x 1/16" Thick

PARTS DIAGRAM - EXTERNAL VIEW
1034516 & 1034517 – LA-3 Pour-Over Coffee Brewers



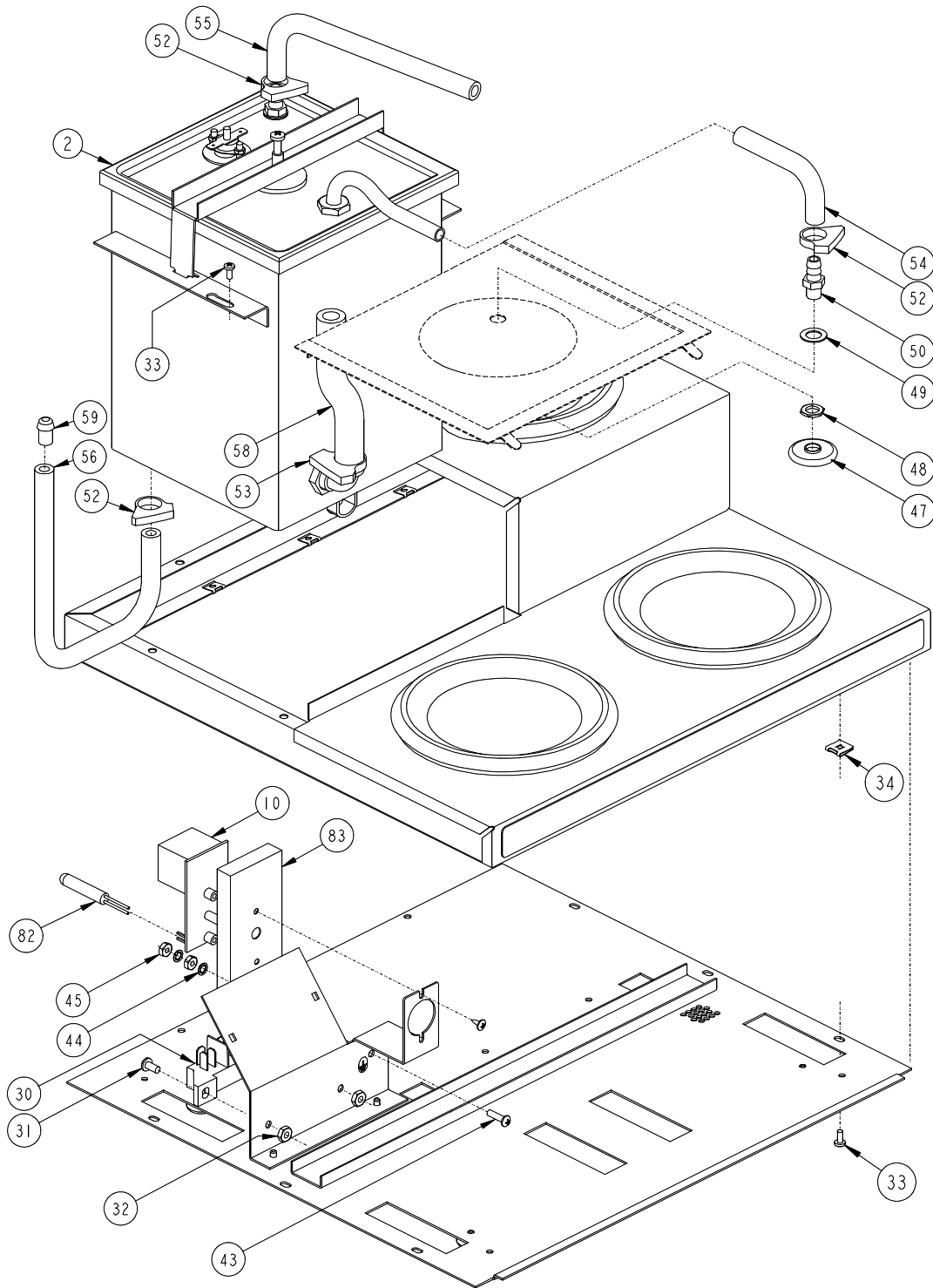
PARTS LIST - EXTERNAL VIEW
1034516 & 1034517 – LA-3 Pour-Over Coffee Brewers

<u>Item #</u>	<u>Part #</u>	<u>Description</u>
4.	6003093	Element Pan Assembly, W/PTC, Black
5.	1040692	Facia, Hood, Black
9.	1034193	Panel, Front Access, (For 1034516)
	1034206	Panel, Front Access, (For 1034517)
12.	9919486	Switch, Single Rocker
15.	9916278	Pilot Light, 125v, Green
	9920254	Terminal Connector
17.	1034109	Top Cover
18.	1034147	Grid, Pour-In, Plastic, Black
19.	1034148	Cover, Grid, Plastic, Black
20.	9916176	Plug, Snap, 7/8"
21.	1034192	Cover, Back Center
22.	9903435	Cord, Lead
23.	9902329	Bushing, Strain Relief
26.	6000637	Reservoir, Plastic, Brown
27.	1040684	Facia, Bottom, Black
33.	9001229	Screw, Machine, #6-32 x 7/16"
34.	9914285	Nut, Tinnerman
87.	9003141	Screw, Machine, #6-32 x 5/8"

Not Shown

28.	6000641	Cone, Wide Bottom, Black
75.	9919445	Spring, Coil, S/S, Cleanout, 17-5/8" Long

PARTS DIAGRAM - INTERNAL VIEW
1034516 & 1034517 – LA-3 Pour-Over Coffee Brewers



PARTS LIST - INTERNAL VIEW
1034516 & 1034517 – LA-3 Pour-Over Coffee Brewers

<u>Item #</u>	<u>Part #</u>	<u>Description</u>
2.	1034214	Tank Assembly, 120v
10.	9920526	Thermostat, Electronic, 120v
30.	9902383	Block, Terminal, 3 Pole
31.	9001162	Screw, Machine, #10-32 x 3/8"
32.	9201110	Nut, Hex, #10-32
33.	9001229	Screw, Machine, #6-32 x 7/16"
34.	9914285	Nut, Tinnerman
43.	9001208	Screw, Machine, #8-32 x 5/8"
44.	9303104	Washer, Lock, With Internal Tooth, #8
45.	9201145	Nut, Hex, #8-32, S/S
47.	1031320	Spray, Head Brewer
48.	9202120	Nut, Hex, 1/8"-27 x 1/16" Thick
49.	9907223	Gasket, S/S, 13/32" ID x 11/16" OD x .032 Thick
50.	6000792	Fitting, 1/8" Straight Pipe x 5/16" Hose
52.	9903549	Clamp, Hose, Double Tang, 1/2" Diam.
53.	9903550	Clamp, Hose, Double Tang, 11/16" Diam.
54.	1031268	Tube, Silicone, Siphon, 3-5/8" Long
55.	1034160	Tube, Silicone, Overflow, 8" Long
56.	1010029	Tube, Silicone, Drain, 16" Long
58.	1034161	Tube, Silicone, Connection, 4-1/2" Long
59.	9902346	Drain Plug, Bumper Stem
82.	9919521	Sensor, Thermostat
83.	6000800	Shield, Thermostat