

Grand and Twin Grand Medallion 52oz.

Instruction Manual

Models #2948, #2960, #2961, #2972, #2973
Domestic, Export



 **GOLD MEDAL**®
FUNFOOD EQUIPMENT & SUPPLIES

Cincinnati, OH 45241-4807 USA

SAFETY PRECAUTIONS



DANGER

Machine **MUST** be properly grounded to prevent electrical shock to personnel. Failure to do so could result in serious injury, or death. Do **NOT** immerse the kettle, warmer, or any other part of this equipment in water. Always unplug the equipment before cleaning or servicing. Do not use excessive water when cleaning.



WARNING

To avoid serious burns, do **NOT** touch the kettle while it is hot.



WARNING

ALWAYS wear safety glasses when servicing this equipment.



WARNING

Any alterations to this equipment will void the warranty and may cause a dangerous situation. **NEVER** make alterations to the equipment. Make sure all machine switches are in the off position before plugging the equipment into the receptacle.



CAUTION

Do **NOT** allow direct contact with this equipment and the general public when used in food service locations. Only personnel that are trained and familiar with the equipment should operate the equipment. Carefully read all installation instructions before operation.



CAUTION

This machine is **NOT** to be operated by minors. Minors are classified as anyone under the age of 18.

NOTE

Improvements are always being made to Gold Medal Products equipment. This information may not be the latest available for your purposes. It is critical that you call Gold Medal Products technical service department at 1-800-543-0862 for any questions about machine operations, replacement parts, or any service questions.

Installation Instructions

Note: Make sure to have all employees watch the Popper Set-Up Video, and read instruction manual thoroughly, before operating this machine. The video is located inside the corn bin, (Drawer in the base of the popper) along with the instruction manual.

Checking Shipment

Unpack all cartons and check thoroughly for any damage that may have occurred during transit. Damage claims should be filed immediately with the transportation company.

Domestic models only: 120v/208v or 120v/240v 60 Hz.

A 50 amp – 4 wire wall receptacle is shipped with each machine (two with a Twin cabinet.) This receptacle will accept the attachment plug on the popper and must be used. Your electrician must furnish sufficient current for proper operation of your machine. We recommend this popper be on a dedicated and circuit protected line. (note: The Medallion “uses” both “hot to neutral” legs, 120v. The machine does not “use” the 208v or 240v, “hot to hot” connection.

Export models only: 230V, 50 Hz, 2 Phase.

Your electrician must furnish sufficient voltage levels, and current for proper operation of your machine. We recommend this popper be on a dedicated and circuit protected line. The Medallion “uses” two “hot to neutral” legs, 230V. The machine does not “use” the 380V, “hot to hot” connection. The machine is equipped with a 16 amp, 5 prong plug. One “hot” prong of the plug is not used.

	⚠ DANGER Machine must be properly grounded to prevent shock in case of electrical problems. Wall receptacle must be wired as shown on the receptacle. Failure to wire properly will void the warranty and can result in damage to motors, elements, relay, lights, etc.
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Note: If equipped, fire suppression components are in accordance with ANSUL R-102 specifications. The Fire Suppression System is shipped empty; the machine will not operate until the System is charged and inspected by a local ANSUL Representative. System charging is not performed by Gold Medal Products.

	⚠ CAUTION Any maintenance or service required on the Fire Suppression System must be performed by an Ansul Certified Technician.
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Support: Contact Gold Medal Products Technical Support with any questions regarding the Fire Suppression System.

Final Preparations



The popcorn machine was adjusted, inspected, and tested before it left the factory.

Connect the clear oil line from the pump to the aluminum line from the popper with the supplied hose clamp. Connect the 6 pin connector from the popper to the receptacle on the oil pump. Both Bucket pump (2114E or 2114XE) and Bag-in-a-Box pump (2257 or 2257EX) have the same receptacle.

Follow the instructions provided in the oil pump manual to set the oil delivery amount. The proper amount of oil for the 52oz. Medallion is between 13oz. to 17oz.

To check for proper amount of oil, and assure oil is liquid, dispense a "shot" into a measuring cup.

Operating Instructions

Controls And Their Functions

Light Switch

Operates on all the lights, interior and dome, on your popcorn machine.

Warmer Switch

Operates the forced air popcorn crisping system.

Kettle Heat Switch

Operates the heating elements in the popping kettle by supplying power to the Big Eye electronic temperature control. *On machines with a ventilation control circuit, the exhaust blower operates with the kettle heat switch.

Kettle Motor And Exhaust Switch

Operates both the kettle agitator motor, and the exhaust blower.

Oil System Master Switch

Sends power to the oil pump. (Either the Bucket Pump or Bag-in-a-Box models) The warmer/blower on the oil pump is activated, as well as the heated line kits (If provided / purchased separately). The warmer/blower on the oil pump will keep coconut popping oil liquid if the doors on the base are kept closed. It may be desirable to keep this switch on at night, if you have problems keeping the coconut oil liquid. Coconut oil will congeal at temperatures below approximately 76° F [24° C].

“Red” Oil Dispense Momentary Switch

When pushed, will dispense the pre-set amount of oil into the kettle.

Yellow Light & Audible Signal (Load/Dump Indicator)

Alerts the operator to:

1. Load the corn and oil *or*
2. Dump the popped corn from the kettle *or*
3. Turn off the kettle heat switch if they are done popping corn

Pass Thru Switches (If Equipped)

Has double switches for the kettle heat, motor, and oil on the front side and the operator side of popper.

Flexi-Pop Switch (If Equipped)

Changes energy to kettle for the load switch from 52 oz to 32 oz. It will automatically adjust the oil amount on the 2257D (2257DX export) and 2114ED (2114XD export) model of oil pump. The Green light & larger cup are for the 52 oz and the blue light and smaller cup are for the 32 oz.

Salt-Sweet Switch (If Equipped)

Changes the temperature to a lower setting for the sweet option.

Popping Corn (Standard)

1. Turn on all Switches (Except Flexi-Pop and Salt-Sweet if equipped.)
2. When popping with coconut oil, be sure the oil is liquid. Dispense oil into a measuring cup first (should be between 13 oz. to 17 oz.), and then use that oil for the first popping cycle.
3. When the kettle is ready (about 5-8 minutes), the Yellow Light and Audible Signal will turn on. Lift the kettle lid and pour in 52 oz. of corn (use the supplied corn cup) and 4 tablespoons (1/4 cup) of Flavacol. Close lid.
4. Press the RED oil pump button. The proper amount of oil is pumped into the kettle. The Light and Signal will turn off.
5. When the popcorn has completed popping, the Light and Signal will turn on. Dump the Popcorn
NOTE: The signal "To Dump" was factory set based on our popcorn and oil. If the signal occurs before or after the popping has stopped, the signal timing must be adjusted as described on page 15.
6. On the final kettle of corn, turn the "KETTLE HEAT" switch off, just as the lids are forced open by the popping corn. This saves electricity, and helps eliminate smoke and odor after you have stopped popping.

Popping Corn (Flexi-Pop - If Equipped)*

1. Turn on all Switches (Except Salt-Sweet if equipped.)
2. When popping with coconut oil, be sure the oil is liquid. Dispense oil into a measuring cup first (should be between 8 oz. to 10.5 oz.), and then use that oil for the first popping cycle.
3. When the kettle is ready (about 5-8 minutes), the Yellow Light and Audible Signal will turn on. Lift the kettle lid and pour in 32 oz. of corn (use the supplied smaller corn cup) and 2 tablespoons (29.6 cc) of Flavacol. Close lid.
4. Press the RED oil pump button. The proper amount of oil is pumped into the kettle. The Light and Signal will turn off.
5. When the popcorn has completed popping, the Light and Signal will turn on. Dump the Popcorn.
NOTE: The signal "To Dump" was factory set based on our popcorn and oil. If the signal occurs before or after the popping has stopped, the signal timing must be adjusted as described on page 15.
6. On the final kettle of corn, turn the "KETTLE HEAT" switch off, just as the lids are forced open by the popping corn. This saves electricity, and helps eliminate smoke and odor after you have stopped popping.

Popping Corn (Sweet - If Equipped)*

1. Turn on all Switches (Except Flexi-Pop if equipped.)
2. When popping with coconut oil, be sure the oil is liquid. Dispense oil into a measuring cup first (should be between 13 oz. to 17 oz.), and then use that oil for the first popping cycle.
3. When the kettle is ready (about 5-8 minutes), the Yellow Light and Audible Signal will turn on. Lift the kettle lid and pour in 52 oz. of corn (use the supplied corn cup.) Close lid. Wait approximately 30 – 45 seconds, then add 26 oz. of Glaze Pop or Sugar. When using sugar, we recommend the use of Compound “S” to help keep the kettle clean.
4. Press the RED oil pump button. The proper amount of oil is pumped into the kettle. The Light and Signal will turn off.
5. When the popcorn has completed popping, the Light and Signal will turn on. Dump the Popcorn.
NOTE: The signal “To Dump” was factory set based on our popcorn and oil. If the signal occurs before or after the popping has stopped, the signal timing must be adjusted as described on page 15.
6. On the final kettle of corn, turn the “KETTLE HEAT” switch off, just as the lids are forced open by the popping corn. This saves electricity, and helps eliminate smoke and odor after you have stopped popping.

Remember:

If the Yellow Load - Dump light is turned on and the Signal is sounding *one of the* following actions should be taken:

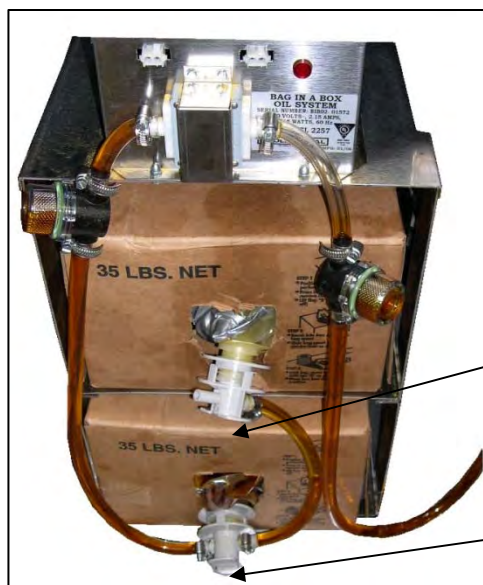
1. Load the corn and oil *or*
2. Dump the popped corn from the kettle *or*
3. Turn off the kettle heat switch if you are done popping corn

When you are finished popping, make sure “KETTLE HEAT” and “KETTLE MOTOR” switches are turned “OFF”.

NEVER LEAVE THE HEAT ON WHEN YOU ARE NOT POPPING!

Setting the Amount of Popping Oil with a Gold Medal BIB System

In March 2003, we introduced the model 2257 and 2257EX with the E-Z Set control.



Note: Bag-In-A-Box units are manufactured with a single bag connector. For a Daisy chain connection be sure to connect the bag connectors as shown in the picture to the left.

The dead-leg connector (With only one hose connected to it) must be installed on the top box.

The Pass-thru connector (With two hoses connected to it) must be installed on the bottom box.

With this system, it is not necessary to set a timer. To adjust the oil amount, follow these instructions:

Holding down the RED *Oil Dispense* push button (on the popper) while turning on the *Oil System Master* switch (on the popper), **and continuing to hold the RED *Oil Dispense* button in for 5 seconds**, puts the unit in the program mode.

When in the program mode press and release the oil *Dispense* switch to start the oil flowing. When the correct amount of oil has been dispensed into the measuring cup, push the oil *Dispense* switch again to stop the oil flow. The oil amount can be “topped off” by pushing the oil *Dispense* switch on/off as many times as needed to finalize the oil amount. Turning the *Oil System Master* switch off and then back on puts the unit in the regular mode. The unit will now dispense the “programmed” amount of oil when the oil *Dispense* switch is pushed. The oil light will light only when the oil pump is on.

You will need to perform this procedure with the oil lines full of oil. Otherwise, you are setting both the amount of oil that goes in the kettle and the amount of oil required to fill the lines. Just fill the lines using the process above, then reset the amount as described above.

NOTES:

Model 2257D and 2257DX has the capability of “remembering” two different settings for poppers with the “Salt/Sweet” option or “Flexi-Pop” option.

- For Salt/Sweet models, just put the switch in the “salt” position, and set the oil amount as described above. Then put the switch in the “sweet” position and repeat the setting procedure. The pump will remember both settings.
- For Flexi-Pop models, just put the “Load” switch in one position, 32oz. for example, then set the oil amount. Then put the load switch in the other position, 18oz. for example. And repeat the setting procedure.
- Model 2457S is the heated line option for the 2257 and 2257EX pump.

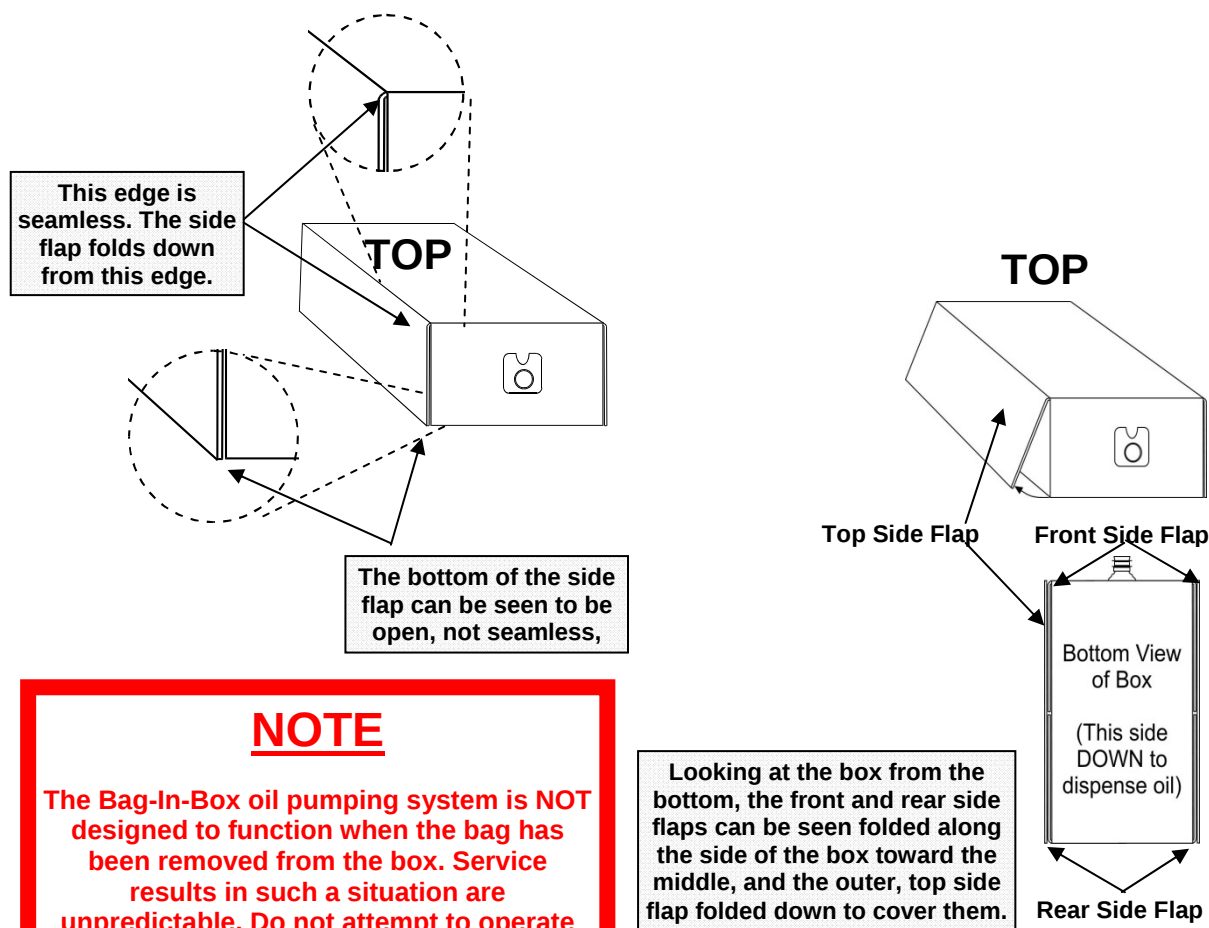
Preventing and Troubleshooting Oil Delivery Issues

It may occur at times that the Bag-In-Box oil pumping system does not deliver oil to the kettle, or delivers it in incorrect amounts. This section is intended to list the most common causes of these problems, and the procedures necessary to prevent and, if necessary, correct them.

Oil Temperature – Coconut oil becomes a solid at temperatures above the average room temperature. For this reason, it is necessary to ensure that the oil has been permitted to come to working temperature before attempting to pump it through the system. If the machine has not been used for several days, the oil master switch should be turned on the night before it is expected that the machine will be used. For machines which are in daily use, even if not round the clock, **leave the oil master switch on at all times, and keep the base cabinet doors closed**, to prevent the oil from becoming solid.

Bag-In-Box Mounting – Because the bag's dispensing connector is offset toward the bottom of the box, to permit free oil flow and complete emptying of the oil from the bag, the box should never be mounted upside down. Most boxes supplied will be clearly marked as to which side should be up during dispensing. (Note that in some cases the box is intended to be stored with one side up, but to be turned and used in dispensing with the other side up.) Be sure to double check to ensure that the box is mounted in the correct dispensing orientation.

You may encounter boxes with no clear markings to indicate dispensing orientation. A reliable guide in this case (and also for those boxes which are marked), is the direction that the top side flap of the corrugated box is folded. When the box is properly mounted for dispensing, the top side flap will fold down from the top edge of the box, so that if one were to attempt to separate the flap it would be necessary to pull up from the bottom edge. See the illustrations below.



Bag and Hose Connector Issues – There are two different types of dispensing nozzles employed on the Bag-In-Box oils, as well as two different types of connectors installed on the oil pumping system hoses which connect to the bag's dispensing nozzles. The particular combination of connectors in your system will determine the appropriate method for connecting the Bag-In-Box oil bag to the system hosing. These combinations will be illustrated and explained in the following section.

Bag Dispensing Nozzle – Blue Insert



Bag dispensing Nozzle – White Insert



Blue Insert Bag Nozzle with Blue/White Hose Connector



1. With the blue collar on the hose connector retracted toward crosspiece, slide hose connector shell onto bag nozzle.



2. Holding the bag nozzle behind the flange, slide the blue collar forward to lock the hose connector onto the bag nozzle.



3. Connector shown with shell correctly engaged and collar forward in lock position.

White Insert Bag Nozzle with Blue/White Hose Connector



4. Place fingers behind flange and use thumbs to slide the crosspiece forward into the nozzle. Oil flow is initiated.



1. With the blue collar on the hose connector retracted toward crosspiece, slide hose connector shell onto bag nozzle.



2. Holding the bag connector, slide the blue collar forward to lock the hose connector onto the bag nozzle.

Blue Insert Bag Nozzle with Gray Hose Connector



3. Connector shown with shell correctly engaged and collar forward in lock position. Oil flow commences. **Do not slide crosspiece forward.**



1. Grasp the bag nozzle and slide the gray hose connector on from the side.



2. With the hose connector in place, place fingers behind flange on connector and press plunger forward to lock.

White Insert Bag Nozzle with Gray Hose Connector



3. Connector shown with shell correctly engaged and plunger forward in lock position. Oil flow commences.



1. Grasp the bag nozzle and slide the gray hose connector on from the side.



2. With the hose connector in place, place fingers behind flange on connector and press plunger forward to lock.



3. Connector shown with shell correctly engaged and plunger forward in lock position. Since the White Insert Bag Nozzle is not designed to work with the insert pressed forward, this configuration may or may not work. If it does not, remove the gray hose connector and order the blue hose connector from Gold Medal.



1. Grasp the bag nozzle and slide the gray hose connector on from the side.

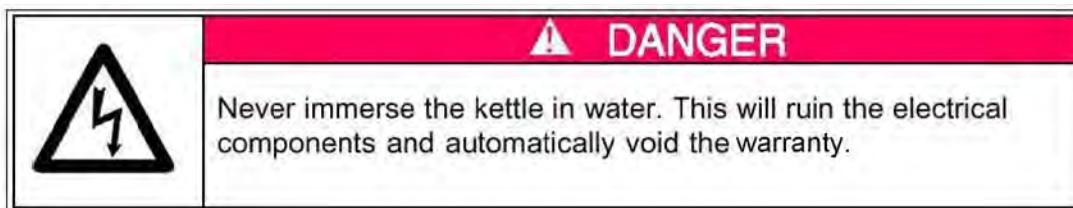


2. With the hose connector in place, place fingers behind flange on connector and press plunger forward to lock.

NOTE: If the oil does not flow after engaging plunger on gray hose connector, or if the crosspiece is inadvertently pushed forward when using the blue hose connector with the white insert nozzle, the nozzle center slider insert will be left pushed back into the bag, as shown above left.

To correct this, place fingers behind nozzle as shown above right. You will feel the center slider protruding slightly into the bag. Holding the nozzle body from the front, press the slider from the back side of the nozzle until it snaps outward into its correct position. The nozzle is now ready to be used with a blue hose connector.

Cleaning Instructions



Daily:

Clean the Kettle

1. Under no circumstances should the kettle be removed from the machine for cleaning, nor should excessive water be used to wipe down the kettle lead-in cord. Severe kettle damage will result.
2. As you pop corn, wipe the kettle with a clean cloth. It is easy to keep the outside clean when the kettle is warm and the oil is not baked on. CAUTION: The hot kettle will cause burns if you touch it with your hand. Allow the kettle to cool for at least 1 hour before attempting to clean.
3. Every night, mix Heat'n Kleen solution (Gold Medal item number 2095) - 2 tablespoons per gallon of water. Do not use the entire gallon at once. Only use enough to fill the kettle a ½" deep. Turn on the kettle heat. When the water starts to boil, turn off the heat and let it work overnight.
4. The next morning, dump the solution into a bucket and wipe the inside of the kettle with a cloth.
5. A CLEAN-IN-PLACE hook is located behind the operator side kettle support arm. Just tilt the kettle to the dump position, and swing the hook into position to hold the kettle in the dumped position. This feature will safely enable you to clean the kettle, without removing it from the machine.



CLEAN-IN-PLACE Hook
(NOTE: Color added for clarity of illustration purposes only.)

Clean the Popcorn Machine

1. Wipe the stainless steel parts with a clean cloth and cleaner designed for stainless steel. **Do not use oven cleaners, as they will damage parts of the machine.**
2. Remove and clean the 1st stage mesh filter. Cover removal not required. Clean filter in warm soapy water.
3. Ammonia cleaners will damage the plastic doors. **Use only non-ammonia cleaners, such as Gold Medal's – Watchdog Glass Cleaner – item number 2588.**

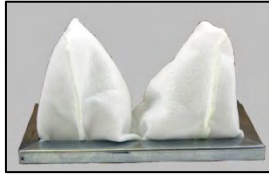
WEEKLY:**Clean the filters in the popcorn machine**

1. Loosen the 2 screws (no tools required), on the filter cover plate on the ceiling inside the popper. Remove the cover, the bag and mesh filters. Clean the bag filter and the mesh filters in warm soapy water. Let dry overnight and reinstall.

CAUTION: Keeping the filters clean is important to let the exhaust system “do its job”.

2. Check the condition of the clear oil lines and tighten or replace as required.
3. Clean the foam filter on the warmer cover (see pg 23) with warm/soapy water – allow to air dry overnight, then reinstall.

Item No.	Part No.	Description
1	41250	Metal mesh filter
2	41169	Oil Mist Bag Filter
3	82015	Filter Pack (Includes all three filters)



MAINTENANCE INSTRUCTIONS

	 DANGER Do NOT immerse the equipment in water. Unplug your machine before servicing.
	 WARNING Adequate eye protection must be used when servicing this equipment to prevent the possibility of injury.
	 CAUTION THE FOLLOWING SECTIONS OF THIS MANUAL ARE INTENDED ONLY FOR QUALIFIED SERVICE PERSONNEL WHO ARE FAMILIAR WITH ELECTRICAL EQUIPMENT. THESE ARE NOT INTENDED FOR THE OPERATOR.

The control temperature jumper is factory set, and stops power to the kettle when the thermocouple reaches the setpoint. On the Medallion machine, this is also the ideal point to dump the popped corn out of the kettle. On the first start-up this is also the ideal time to load the corn and oil. Therefore if the kettle heat switch is turned on and the buzzer is sounding **one** of the following actions should be taken:

- Load the corn and oil **or**
- Dump the popped corn from the kettle **or**
- Turn off the kettle heat switch if you are done popping corn

The Medallion machine has an electronic kettle control with 2 thermocouples, one for control and one for limit. There are no mechanical thermostats in this kettle.

There are (4) factory adjustments on the control:

1. Control temperature – **do not** adjust.
2. Signal to dump – If you want the signal to dump to be a little sooner or later you can adjust the potentiometer marked “kettle dump”. CW is sooner, CCW is later.
3. The patented overshoot circuit is tuned for the kettle, **do not** adjust this potentiometer.
4. The audible signal to dump has three options; full volume, half volume, no sound (just the yellow light). Adjustments are by jumper positions. We ship with the signal at full volume.

It does not matter which TC goes to A or B. It **does** matter that the yellow leads go to the positive terminals.

Remove this jumper for no sound

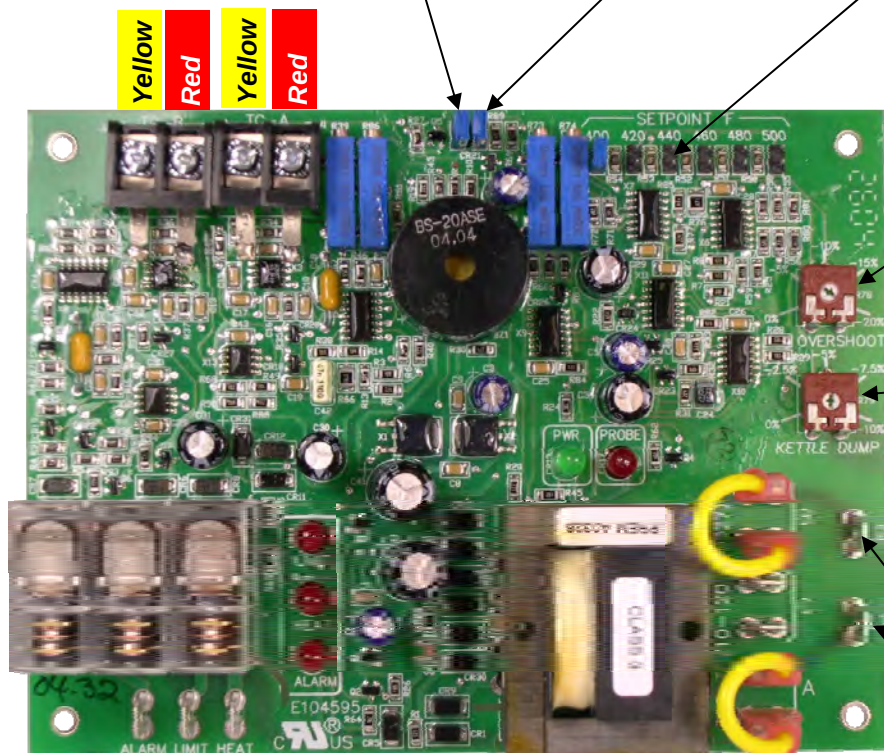
Remove this
jumper for
lower volume

The control temperature jumper is set to the correct value at the factory
DO NOT ADJUST

The overshoot
value is set at
the factory
DO NOT ADJUST

This is the “Kettle Dump” adjustment, and is factory set to signal when the kettle is ready to dump. Turning CW will signal sooner, CCW will signal later. If you need to adjust, make very small adjustments.

Hot Lead is at L1,
Neutral lead at L2.



Troubleshooting

Long Popping Cycles

If your pop cycle is longer than 4 minutes, it can be the result of several things:

- A. **Low Voltage** - If the machine is operated on low voltage, this could cause the kettle not to reach the proper operating temperature. Voltage for each leg, with kettle turned on, must be at least 110v. (Domestic models)
- B. **Inadequate Supply Lines** - Inadequately sized electrical supply lines, in addition to being a fire hazard, would also prevent the kettle from reaching the proper operating temperature. Check with a qualified electrician.
- C. **Inferior Corn** - Inferior quality corn would result in longer popping cycles. Use only top quality hybrid popcorn from reputable suppliers. Even then, if you let your corn pick up moisture or dry out, your popping cycles will be slow.

Kettle Does Not Heat

Before you go any further, make sure the kettle lead-in cord is plugged in, and that circuit breakers are not tripped. Make sure all electrical connections are tight.

- A. **Kettle Heat Switch** - Check the voltage to and from the "KETTLE HEAT" switch, and if the switch is defective replace it.
- B. **Control** - A defective thermocouple lead will cause the kettle not to heat. Check for good connections from the kettle to the control.
- C. **Power Relays** - Check to see if the two power relays operate. Both relays should operate with the kettle heat switch on. If the relays do not both operate, look at the status of the LED's on the heat control PCB.
 - Green LED "on" - power is going to the heat control (kettle heat switch is on)
 - Probe LED "on" - one or both thermocouples are open or not properly connected to the heat control board.
 - Limit LED "on" - normal operation. The limit power relay should be "picked up".
 - Heat LED "on" - normal operation. (If the kettle temperature is at or above set point, LED will be off) The heat power relay should be "picked up"
 - Alarm LED "off" - normal operation. The LED turns on when the kettle reaches the set dump temperature.

Motor Will Not Turn Agitator

WARNING! If the kettle agitator shaft is not rotating, do not pop corn.

Adjust the clearance between the kettle bottom and the stir blade to 1/32". (use a dime)
Loosen the set screw in the collars above and below the crossbar and adjust the agitator shaft as necessary. Then re-tighten the set screws in the collars.

Oil Pump Does Not Deliver Oil To Kettle

If the pump is operating but oil is not dispensed, the oil may be solid in the oil lines. If the pump is not operating see the pump manual for instructions.

ORDERING SPARE PARTS

*** Always speak to a Gold Medal Products Technical Service Advisor before ordering any parts to help ensure accuracy for your product. Included diagrams may not be the latest information.**

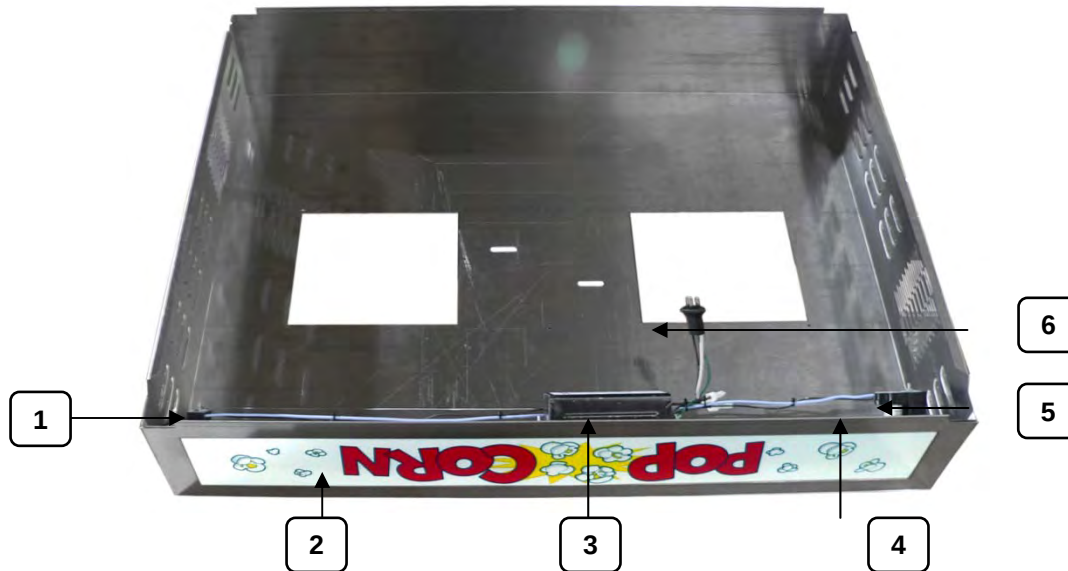
1. Identify the needed part by checking it against the photos, illustrations, and/or parts list.
2. When ordering, please include part number, part name, and quantity needed.
3. Please include your model name, serial number, and date of manufacture (located on the machine nameplate) with your order.
4. Address all parts orders to:

Parts Department
Gold Medal Products Co.
10700 Medallion Drive
Cincinnati, Ohio 45241-4807

Or, place orders by phone or online:

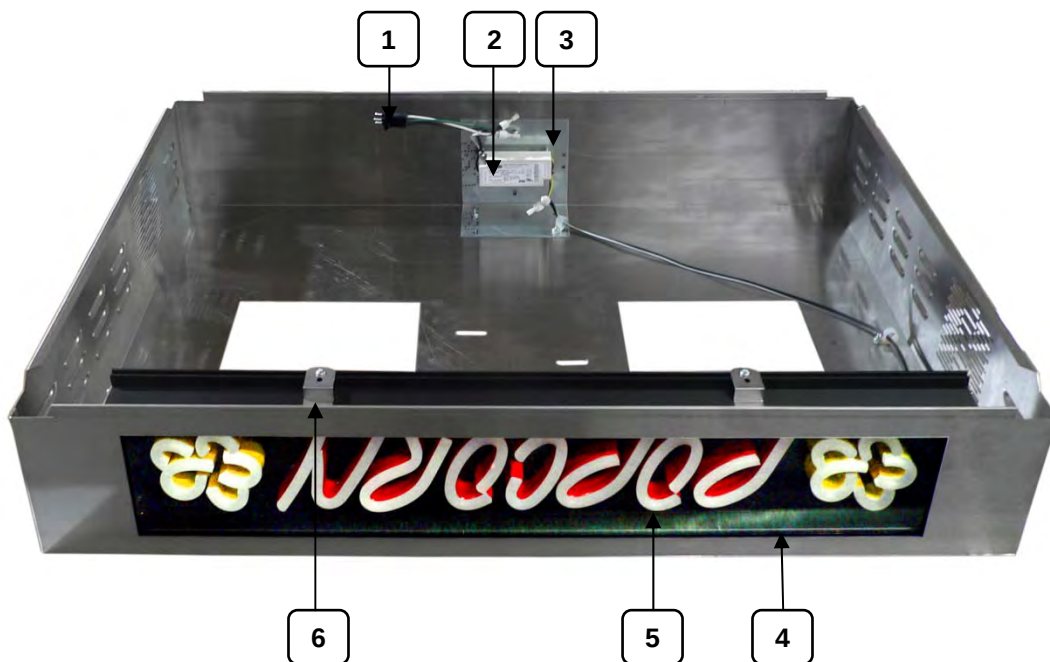
(800) 543-0862
(513) 769-7676
Fax: (513) 769-8500
E-mail: info@gmpopcorn.com
Web Page: www.gmpopcorn.com

Dome Assembly, Fluorescent Light



Item	Part No.	Description
1	41020	Light Tube Holder
2	82473	Sign Glass with Graphics (48" & 60" Base)
	82719	Sign Glass with Graphics (72" Base)
3	82109	Light Ballast (48" & 60" Base)
	82414	Light Ballast - Export (48" & 60" Base)
	48777	Light Ballast (72" Base)
4	41508	Starter (48" & 60" Base)
5	41021	Light Tube Holder for Starter
6	47726	Molded Plug

Dome Assembly, LED/Neon Light



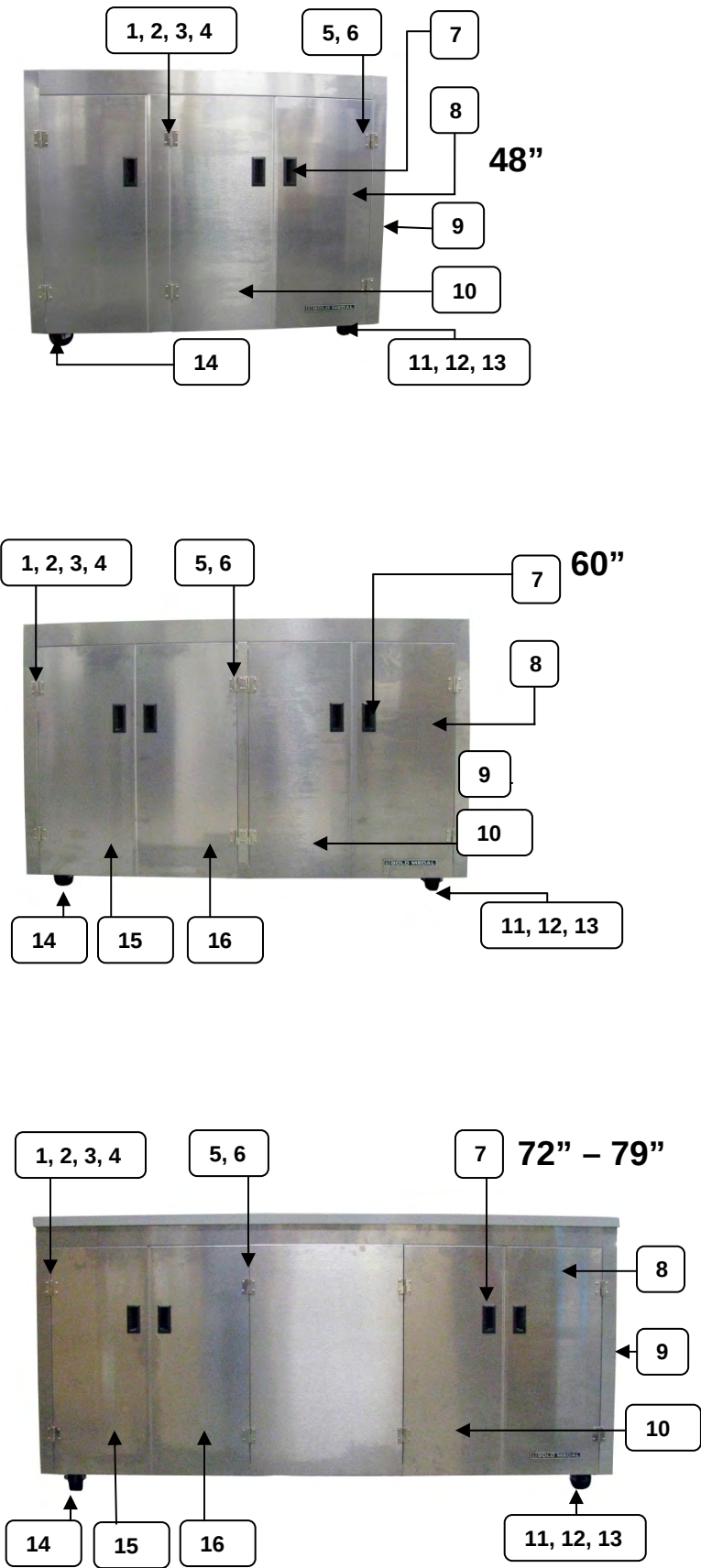
Item	Part No.	Description
1	47726	Molded Plug
2	55231	12 Volt Power Supply
3	55233	Power Supply Bracket Assy
4	67418	Clear Sign Cover (included with 67524)
5	67524	LED Sign Assembly
6	67488	Sign Brackets (x2)

Dome Assembly, LED



Item	Part No.	Description
1	82473	Popcorn Sign w/Graphics
2	55350	24V/25W Power Supply
3	47726	Molded Plug
4	55379	LED Strip (x3)

Exterior Base Components



Item	Part No.	Description
1	41349	Male Hinge Short Left
2	41355	Female Hinge Left
3	42226	Hinge Screw (2/Hinge) 8-32x1/2"
4	74146	Hinge Nut (2/Hinge) 8-32
5	41350	Male Hinge Short Right
6	41354	Female Hinge Right
7	82698	Flush Mount Handle
8	82812	Right Door w/o Facing Strip
9	67804	Snap Bushing
10	82648	Left Door w/Facing Strip
11	70042	NSF Swivel Caster w/Lock (Door Side)
12	46638	Caster Screw (4/Caster) 5/16-18x1/2"
13	49317	Caster Nut (4/Caster) 5/16-18
14	70023	Swivel Caster w/o Lock

Item	Part No.	Description
1	41349	Male Hinge Short Left
2	41355	Female Hinge Left
3	42226	Hinge Screw (2/Hinge) 8-32x1/2"
4	74146	Hinge Nut (2/Hinge) 8-32
5	41350	Male Hinge Short Right
6	41354	Female Hinge Right
7	82698	Flush Mount Handle
8	82812	Right Door w/o Facing Strip
9	67804	Snap Bushing
10	82648	Left Door w/Facing Strip
11	70042	NSF Swivel Caster w/Lock (Door Side)
12	46638	Caster Screw (4/Caster) 5/16-18x1/2"
13	49317	Caster Nut (4/Caster) 5/16-18
14	70023	Swivel Caster w/o Lock
15	82017	Left Door w/o Facing Strip
16	82020	Right Door w/Facing Strip

Item	Part No.	Description
1	41349	Male Hinge Short Left
2	41355	Female Hinge Left
3	42226	Hinge Screw (2/Hinge) 8-32x1/2"
4	74146	Hinge Nut (2/Hinge) 8-32
5	41350	Male Hinge Short Right
6	41354	Female Hinge Right
7	82698	Flush Mount Handle
8	82812	Right Door w/o Facing Strip
9	67804	Snap Bushing
10	82648	Left Door w/Facing Strip
11	70042	NSF Swivel Caster w/Lock (Door Side)
12	46638	Caster Screw (4/Caster) 5/16-18x1/2"
13	49317	Caster Nut (4/Caster) 5/16-18
14	70023	Swivel Caster w/o Lock
15	82017	Left Door w/o Facing Strip
16	82020	Right Door w/Facing Strip

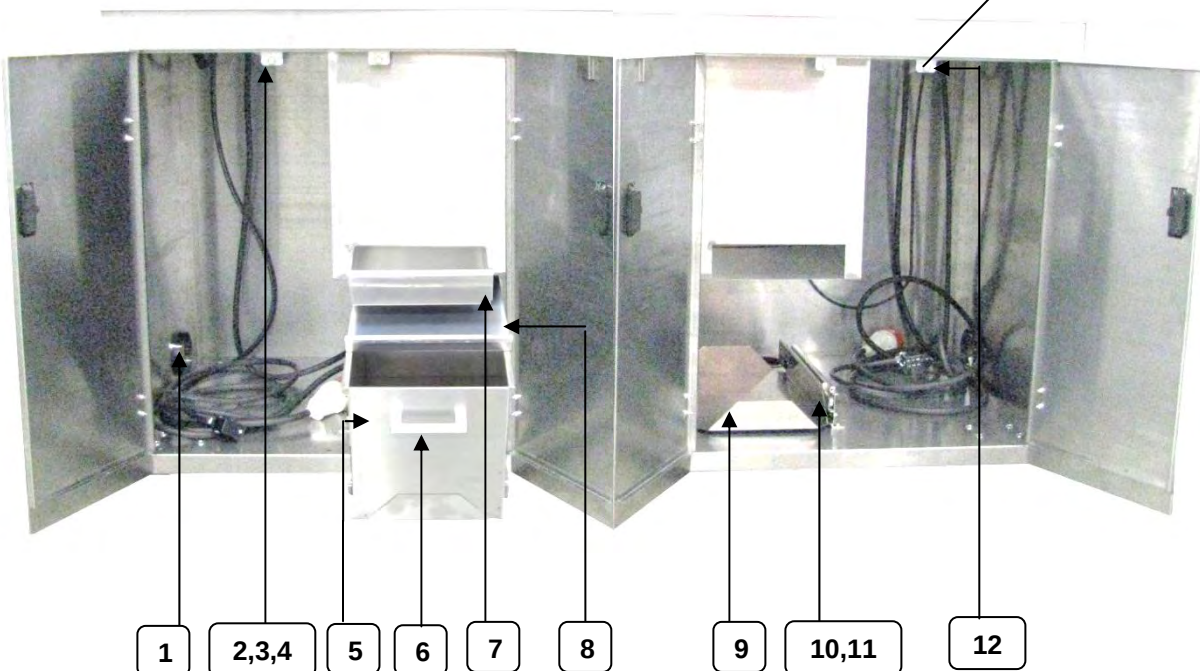


Back Panel
 48" Cabinet – P/N 17015
 60" Cabinet – P/N 17009
 72" Cabinet – P/N 17016
 79" Cabinet – P/N 17048

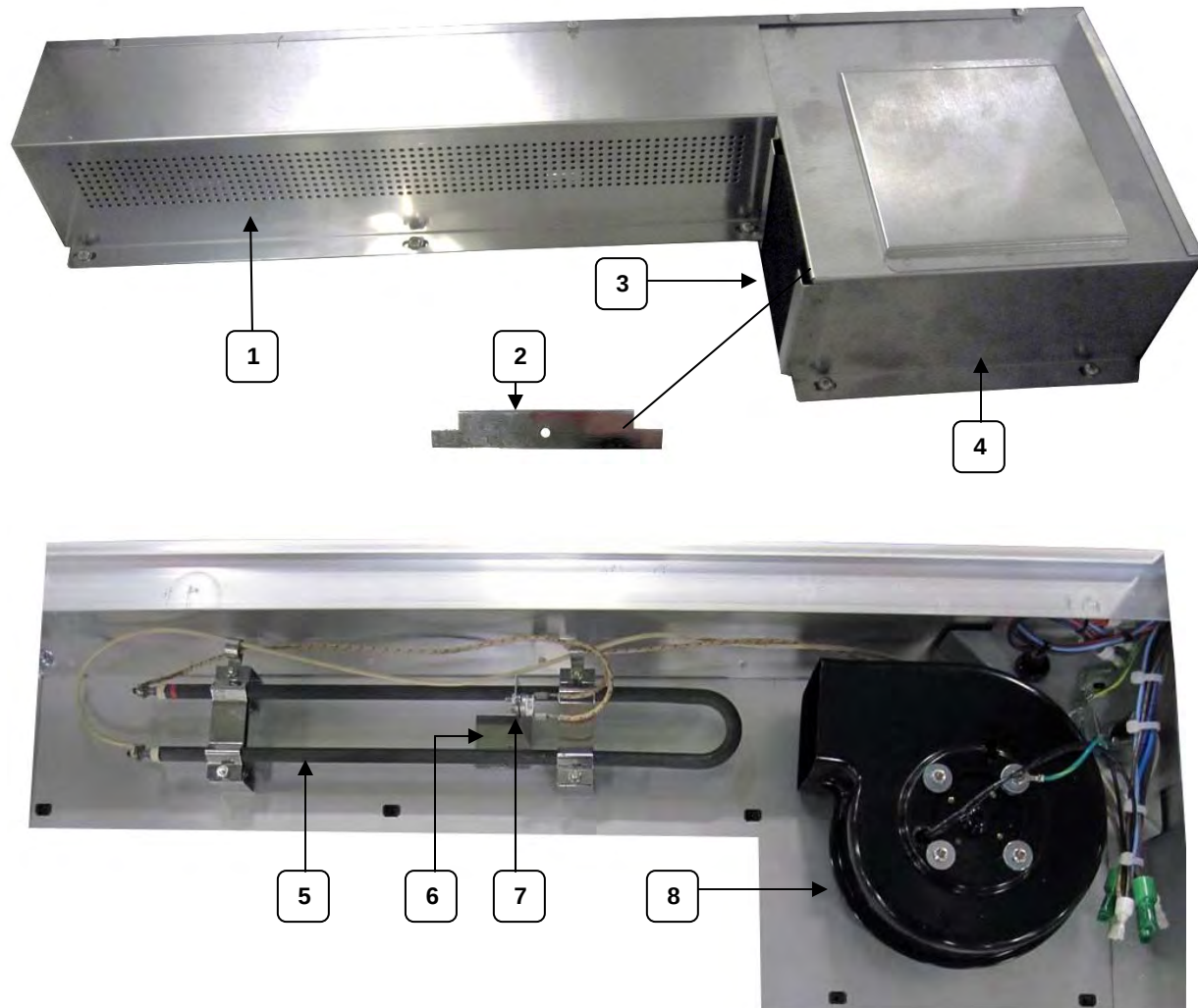
Interior Base Components

Item	Part No.	Description
1	67804	Snap Bushing
2	50013	Magnet
3	20065	#8-32x3/8" Screw
4	47702	Acorn Nut 8-32
5	82031	Corn Bin Assy.
6	67069	Handle
7	62092	Old Maid Pan
8	82102	Lid Corn Bin
9	82035	Corn Bin Retainer Assy.
10	46511	Drawer Slide - Right Hand
11	46512	Drawer Slide - Left Hand
12	83050	Door Catch Bracket
13	68115	Magnet Spacer (Installed April 2012 & Later)
14	47125	#8-32x3/4" Phil Flat M/S Zinc

13



Warmer – Exterior / Interior Parts

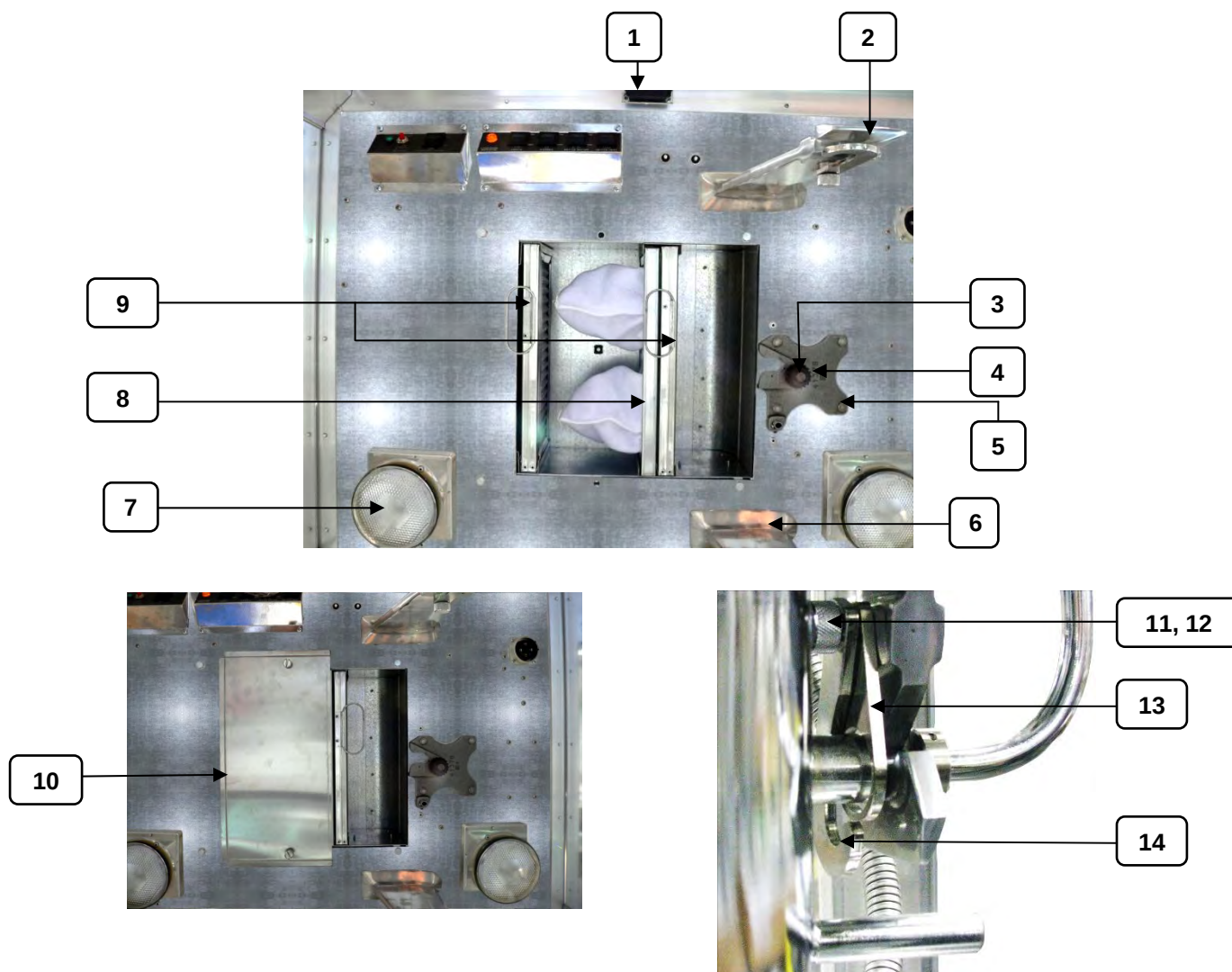


Complete Assembly Available – 62904 (Domestic) 69204EX (Export)

Item	Part No.	Description
1	61139	Diffuser Cover
2	63634	Filter Retainer
3	63633	Filter (Pack of 5 Filters)
4	62158	Blower Cover
5	61128	800 Watt Tubular Element*
	61135	800 Watt Tubular Element* (Export)
6	55500	Thermostat Mounting Bracket
7	55496	Thermostat
8	61123	Blower Motor, 115V 50/60
	61124	Blower Motor (Export)

*** WARNING:** This Element will be covered. For proper operation, you **MUST** remove the cover and clean underneath the element every 3 – 4 months. Be sure the machine is off and the power is disconnected before cleaning.

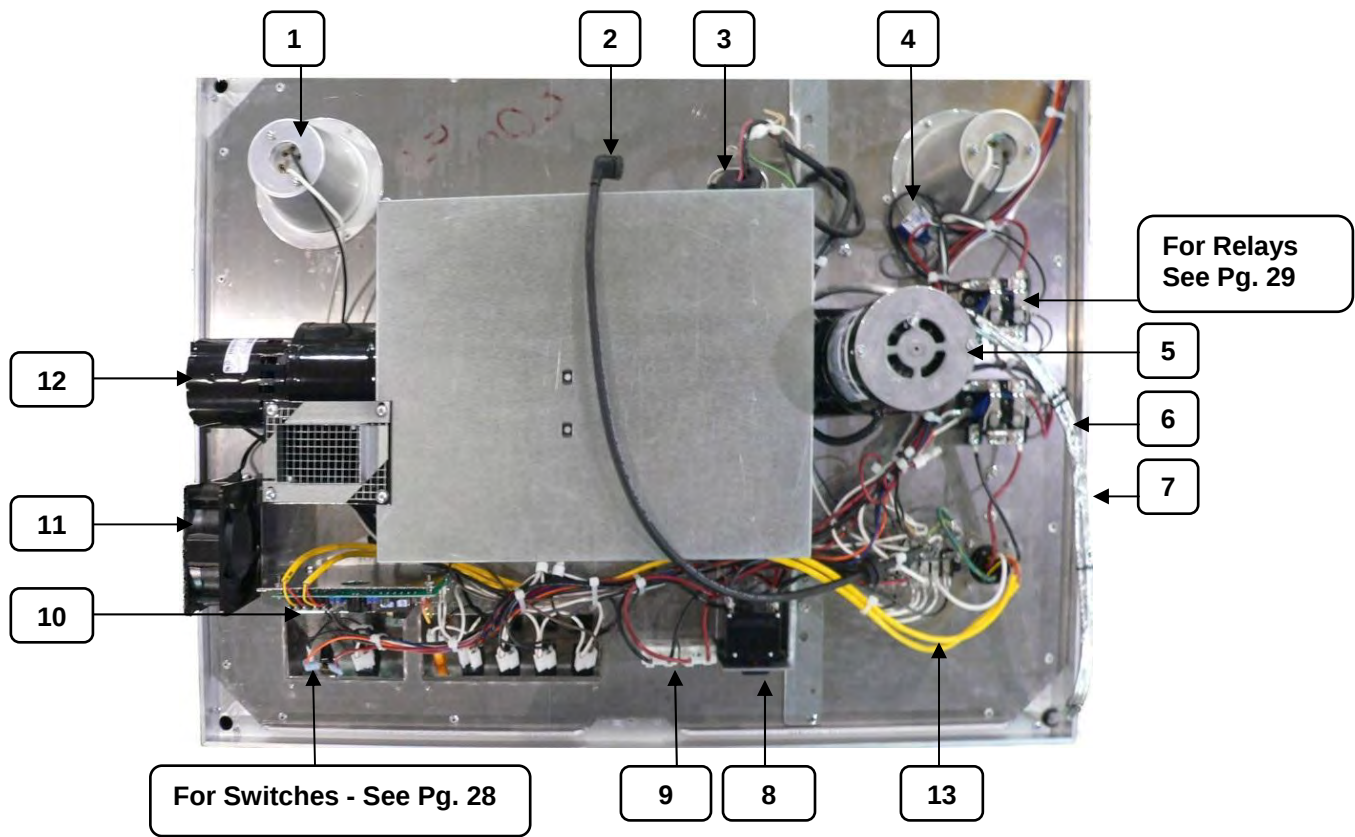
Cabinet Interior – Ceiling Components, Single Kettle



Item	Part No.	Description
1	47561	Magnetic Catch
2	48908	Hanger Arm Assy w/Clean-In-Place Latch
3	41742	Set Screw 10-32 x 3/16 (x2)
4	41380	Spur Gear
5	41432	Gear Block Assy
6	48907	Hanger Arm Assy
7	41979	175 Watt Heat Lamp (x2)
	41979EX	175 Watt Heat Lamp (x2) (Export)
8	41169	Oil Mist Filter *
9	41250	5-Layer Grease Filter (x2) *
10	41934	Filter Cover Assy

Item	Part No.	Description
11	12319	Knob
12	41448	Set Screw 10-32 x 1"
13	43426	Kettle Retainer
14	41618	Clean-In-Place Latch
15	41833	Shock Absorber Pin (Not Shown)
16	86009	Spring (Not Shown)

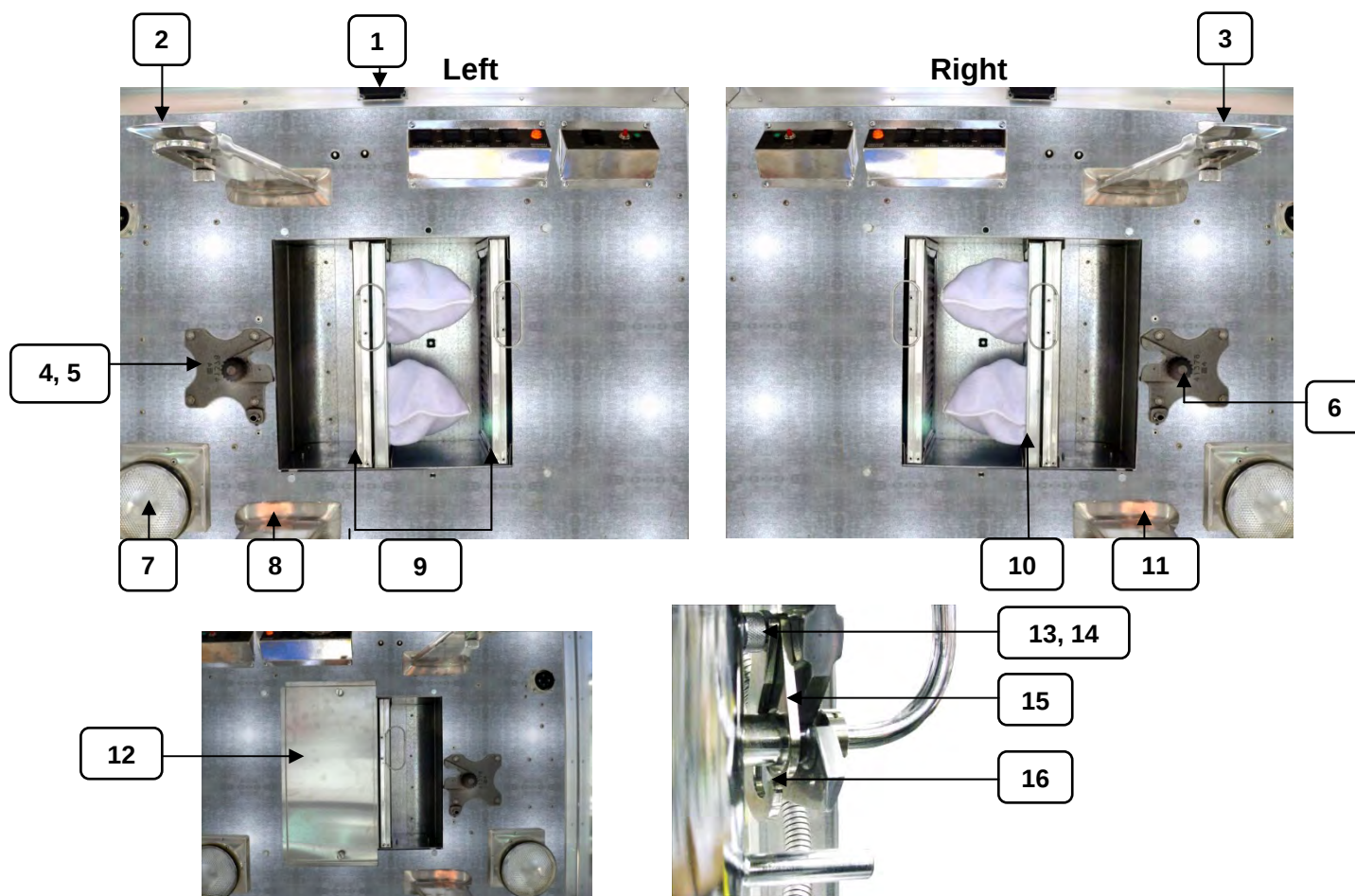
Motor Plate Assembly



Item	Part No.	Description
1	47047	Lamp Holder
2	41712	Wire Harness
3	46107	Motor Capacitator 7.5 uf (Black-Bison Motor)
	46110	Motor Capacitator 10 uf (White-Franklin Motor)
4	89087	Transient Filter
5	41449R	Kettle Drive Motor (Domestic)
	41500R	Kettle Drive Motor (Export)
6	41640	8W Foil Element (Domestic)
	41640EX	8W Foil Element (Export)
7	41047	Aluminum Oil Tubing (sold by the ft.)
8	55223	Kettle Shunt Trip Breaker (Domestic)
	55225	Kettle Shunt Trip Breaker (Export)
9	47364	Circuit Breaker, 15A (Domestic)
	48659	Circuit Breaker, 10A (Export)
10	41001	Temperature Control Board
11	48018	Axial Fan (Domestic)
	48037	Axial Fan (Export)

Item	Part No.	Description
12	41015	Exhaust Blower (Domestic)
	41965	Exhaust Blower (Export)
13	55051-36	Thermocouple Extension

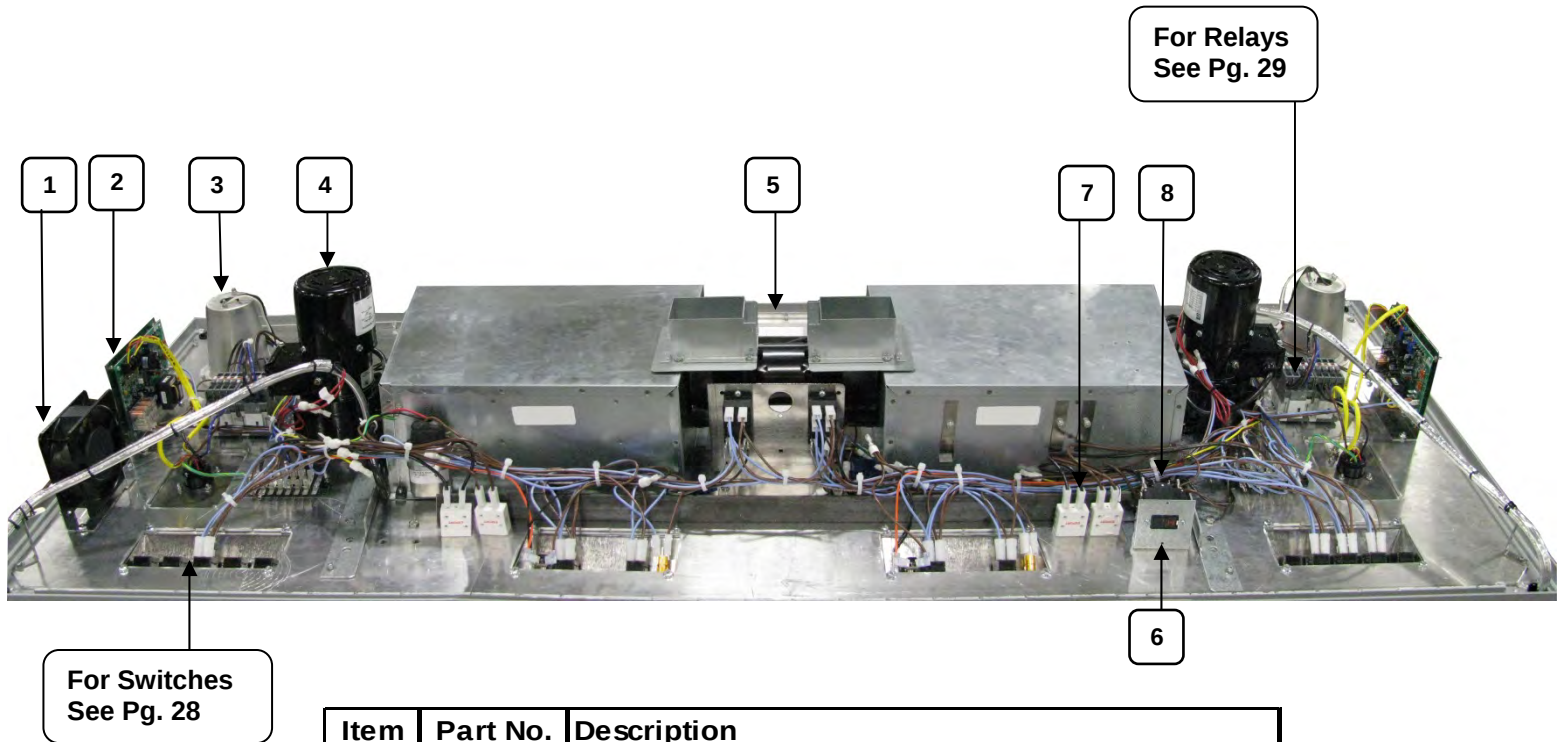
Cabinet Interior – Ceiling Components, Dual Kettle



Item	Part No.	Description
1	47561	Magnetic Catch
2	48908	Hanger Arm Assy w/Clean-In-Place Latch
3	48908	Hanger Arm Assy w/Clean-In-Place Latch
4	41380	Spur Gear
5	41742	Set Screw 10-32 x 3/16 (x2)
6	41432	Gear Block Assy
7	41979	175 Watt Heat Lamp (x4)
	41979EX	175 Watt Heat Lamp - Export (x4)
8	48907	Hanger Arm Assy
9	41250	5-Layer Grease Filter (x2)*
10	41169	Oil Mist Filter*
11	48907	Hanger Arm Assy
12	41934	Filter Cover Assy
13	12319	Knob
14	41448	Set Screw 10-32 x 1"
15	43426	Kettle Retainer
16	41618	Clean-in-Place Latch
17	41833	Shock Absorber Pin (Not Shown)
18	86009	Spring (Not Shown)

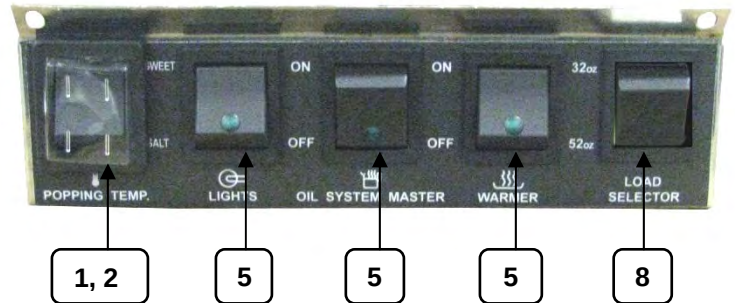
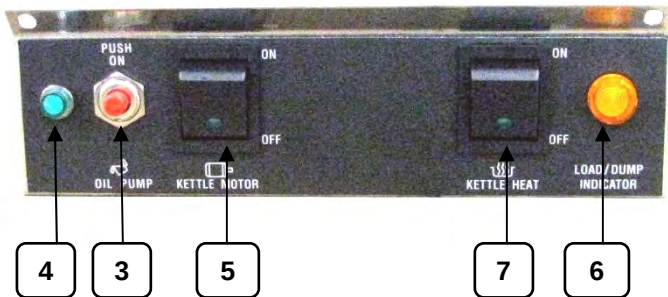
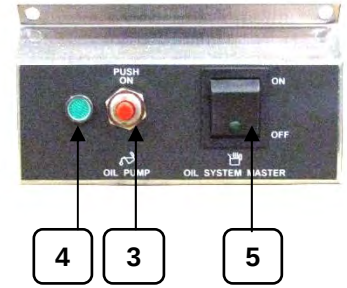
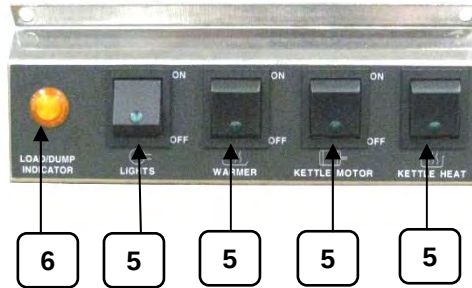
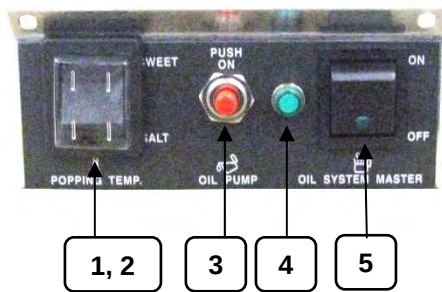
* All three available as Part No. 82015 - Filter Pack

Motor Plate Assembly – Dual Kettle Models



Item	Part No.	Description
1	48018	Axial Fan
	48037	Axial Fan (Export)
2	41001	Temperature Control Board
3	47047	Lamp Holder
4	41449R	Kettle Drive Motor
	41500R	Kettle Drive Motor (Export)
5	62845	Double Blower Exhaust
	62845EX	Double Blower Exhaust (Export)
6	55254	CB Bracket
7	47364	Circuit Breaker, 15A (Domestic)
	48659	Circuit Breaker, 10A (Export)
8	55223	Kettle Shunt Trip Breaker (Domestic)
	55225	Kettle Shunt Trip Breaker (Export)

Parts – Switches and Lights

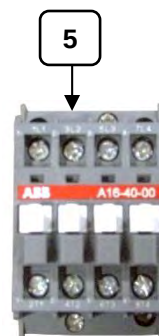
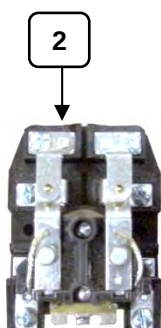
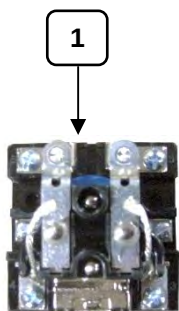


Item	Part No.	Description
1	55440	Salt / Sweet Switch
2	48786	Switch Cover - for Salt / Sweet Switch only
3	41031	Oil Momentary
4	48660	Green Pilot Light
	48660EX	Green Pilot Light (Export)
5	42798	Lighted Rocker Switch
6	55039	Load/Dump Pilot Light - Amber
	55039EX	Load/Dump Pilot Light - Amber (Export)
7	82675	On/On Rocker Switch - Pass-thru models only**
8	39410	3 Position Rocker Switch - Flexi-Pop models only
9	55050	Switch, Rocker SPDT * - Salt/Sweet only

***Used only in models with a 48" cabinet and both Flexi and Salt-Sweet Options**

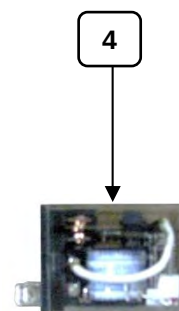
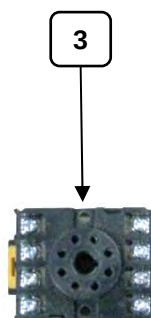
**** Pass-thru only. For standard heat switch, see item # 5.**

Parts – Relays



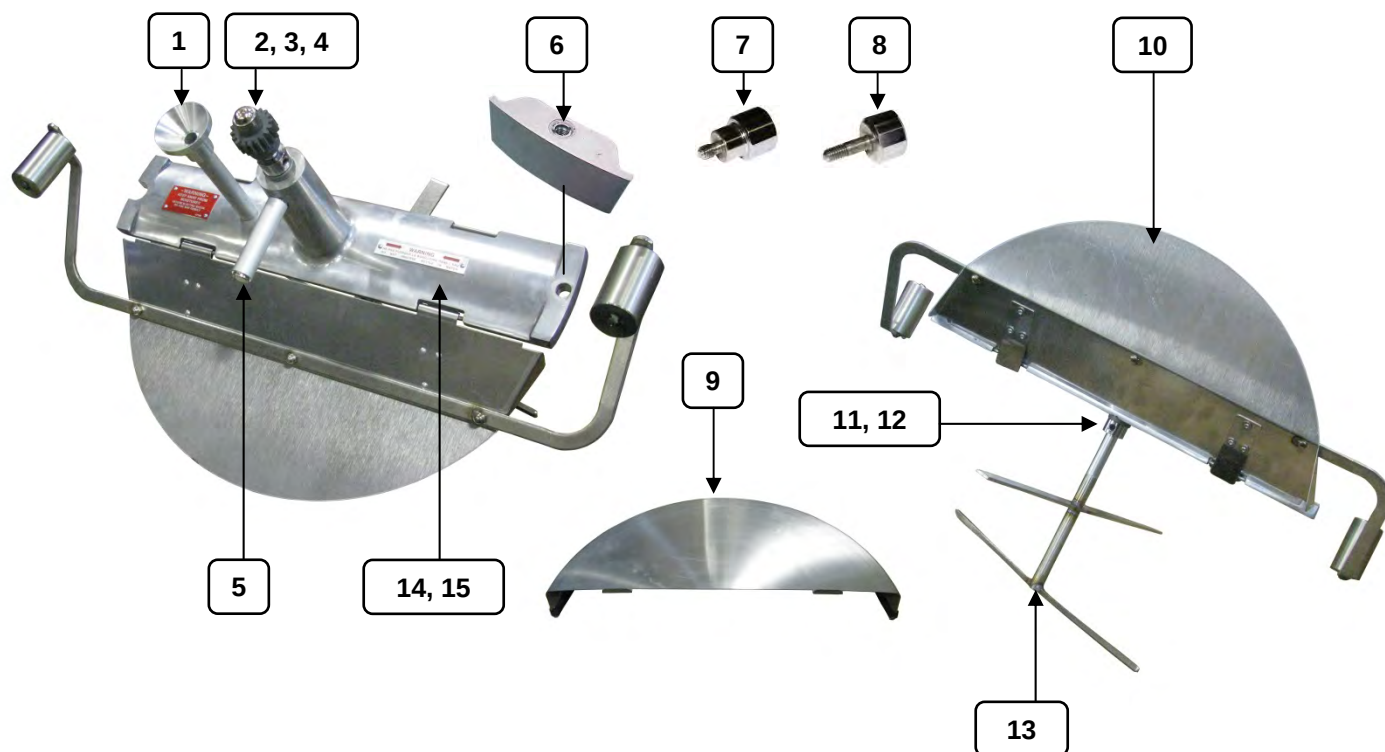
Item	Part No.	Description
1	55219	Relay/30A/DPST/120V Coil/Domestic
	55219EX	Relay/30A/DPST/240V Coil/Export
2	46081	Relay/30A/DPDT/120V Coil/Domestic Flexi-Pop
3	48590	Relay/30A/DPST-NO/120V Coil/4 Terminals/Domestic
	48590EX	Relay/30A/DPST-NO/120V Coil/4 Terminals/Export
4	48645	Relay/30A/DPDT/120V Coil/6 Terminals/Domestic
	48645EX	Relay/30A/DPDT/120V Coil/6 Terminals/Export
5	89082	Contactor IEC/220V Coil/Export
6	48912	Contactor IEC/40A/120V Coil/Domestic
7	48945	Contactor IEC/32A/120V Coil/Domestic
8	89858	Relay/30A/DPDT/240V Coil/Export

Ventilation Control Components – “V” Models Only



Item	Part No.	Description
1	55157	Timer
2	89085	Relay Socket
3	79141	8 Pin Timer Socket
4	55036	Relay

Top Hat Kettle Assembly



Lid & Agitator Complete – 48961HT

Item	Part No.	Description
1	47689	Oil Tube w/Funnel
2	41380	Spur Gear
3	41742	Set Screw (x2)
4	12611	Button Head Screw 5/16-18x½ LH
5	67926	Magnet Holder Assy
6	67902	Top Hat Block (x2)
7	47976	Crossbar Fastener w/Shoulder
8	47977	Crossbar Fastener
9	67917	Fixed Rear Lid
10	68069	Front Lid Assy
11	68761	Shaft Collar (x2)
12	74127	Set Screw
13	48969	Agitator Assy
14	48974HT	Crossbar Assy
15	48932	Crossbar Bushings (x2)

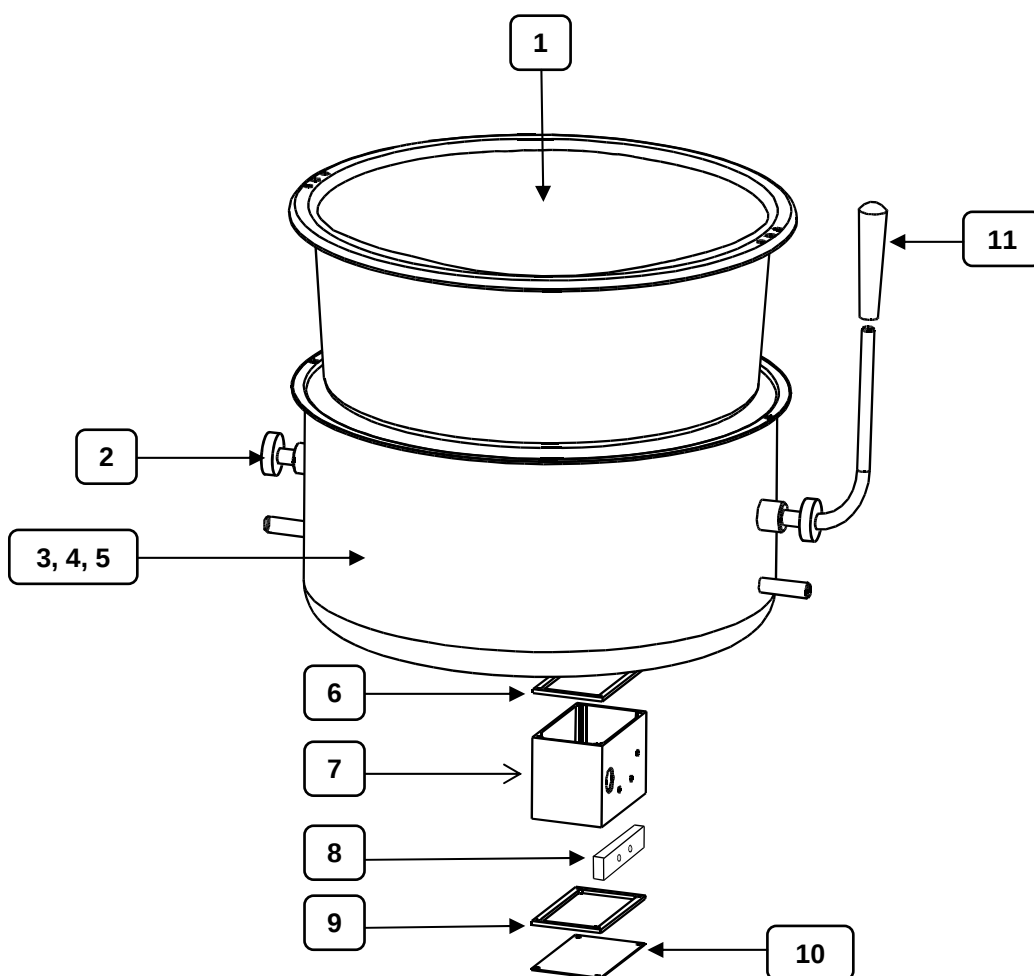
Standard Lid and Agitator Assy.



Lid and Agitator Assy – Complete P/N 48961

Item	Part No.	Description
1	62771	Oil Funnel
2	12611	Button Head Screw
3	41400	Needle Bearing
4	41380	Spur Gear
5	41730	Woodruff Key
6	41742	Set Screw 10-32 x 3/16 (x2)
7	68761	Shaft Collar (x2)
8	47751	Set Screw 1/4-20 x 3/16
9	48977	Cross Bar Bushing (x2)*
10	48974HT	Cross Bar
11	47977	Cross Bar Fastener
12	48971	Front Lid
13	47976	Cross Bar Fastener w/Shoulder
14	48972	Rear Lid
15	48969	Agitator Weld Assy.

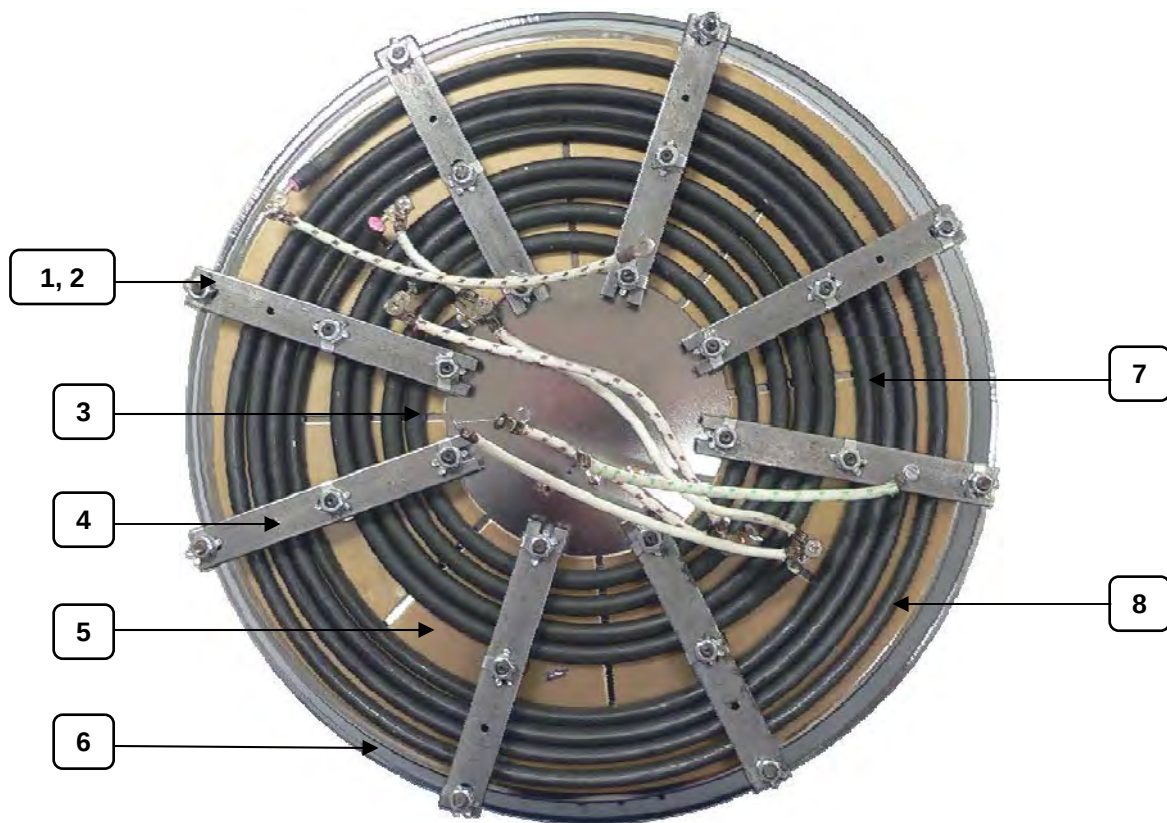
Kettle Shell Components



Item	Part No.	Description
1	48957	Kettle Weld Assy
2	69815	1/2" Split Collar (x2)
3	48959	Kettle Shell - RH Dump - Single/RH Dual
4	48959L	Kettle Shell - LH Dump - LH on Dual
5	48959P	Kettle Shell - Dual Handles*
6	40963	Junction Box Gasket w/Cutout
7	61084	Junction Box Assy
8	41129	Ceramic Terminal Block
9	40965	Junction Box Gasket w/o Cutout
10	41296	Junction Box Cover
11	41139	Plastic Dump Handle

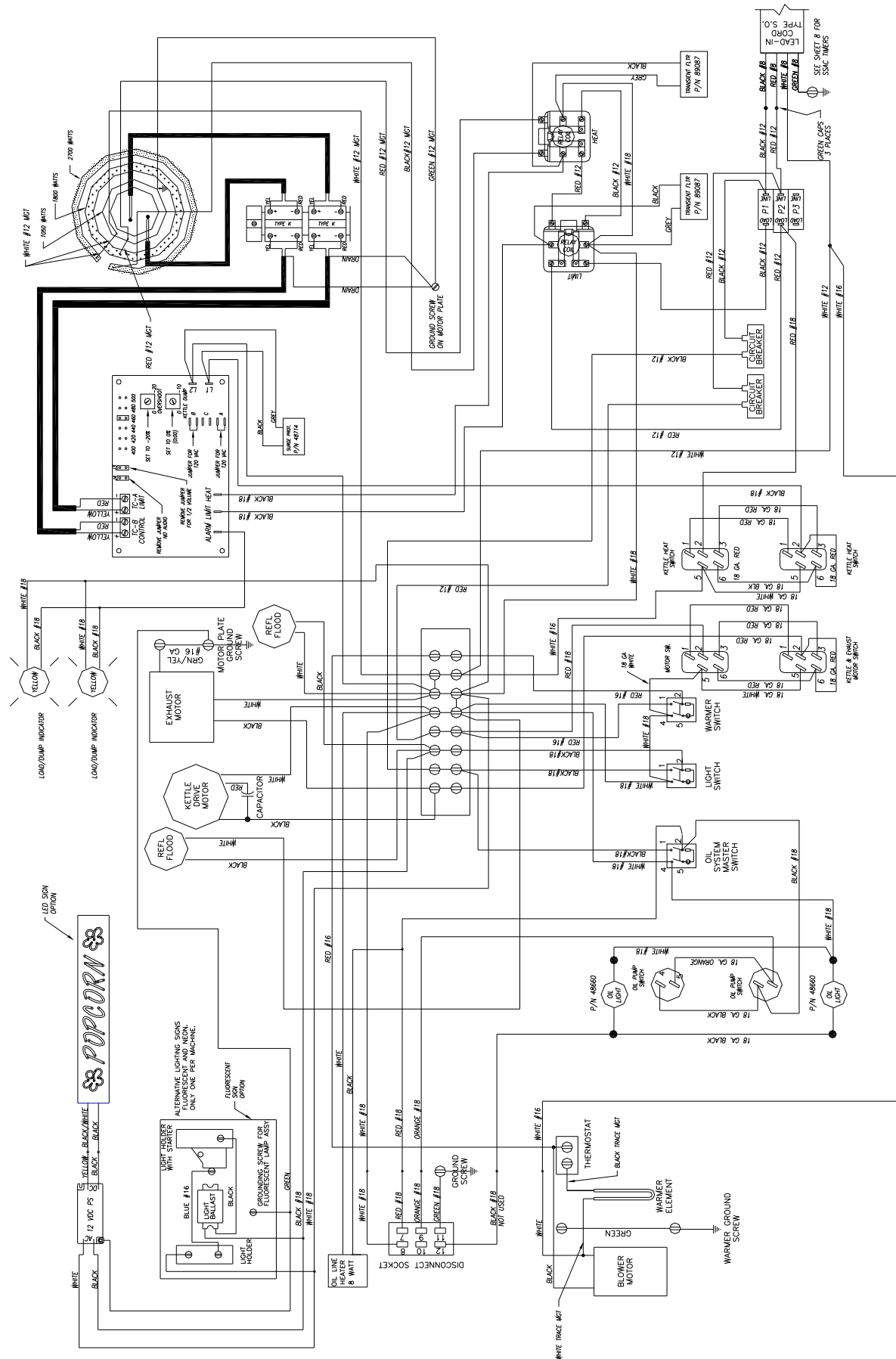
***Pass-thru Models Only**

Parts – Kettle Bottom

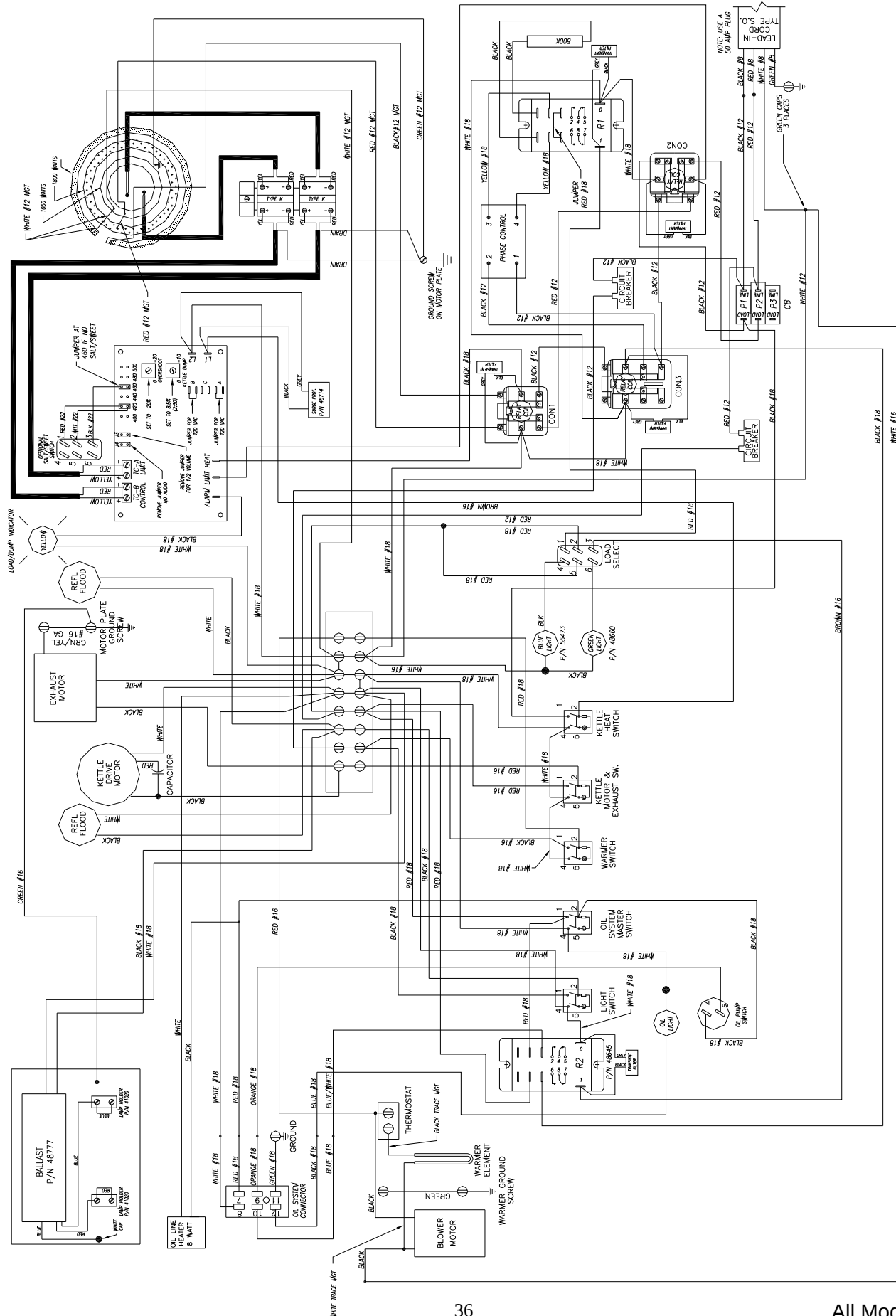


Item	Part No.	Description
1	74133	1/4-20 Hex Jam Nut (x24)
2	50190	Nut Retainer (x24)
3	48651	120V - 1050W Heat Element (Domestic)
	48651EX	1050W, Tubular Element (Export)
4	68780	Element Clamp (x8)
5	48968	Heat Transfer Plate
6	48958	Kettle Gasket
7	48650	120V - 1800W Heat Element (Domestic)
	48650EX	1800W, Tubular Element (Export)
8	46491	120V - 2700W Heat Element (Domestic)
	46498	240V - 2700W Heat Element (Export)

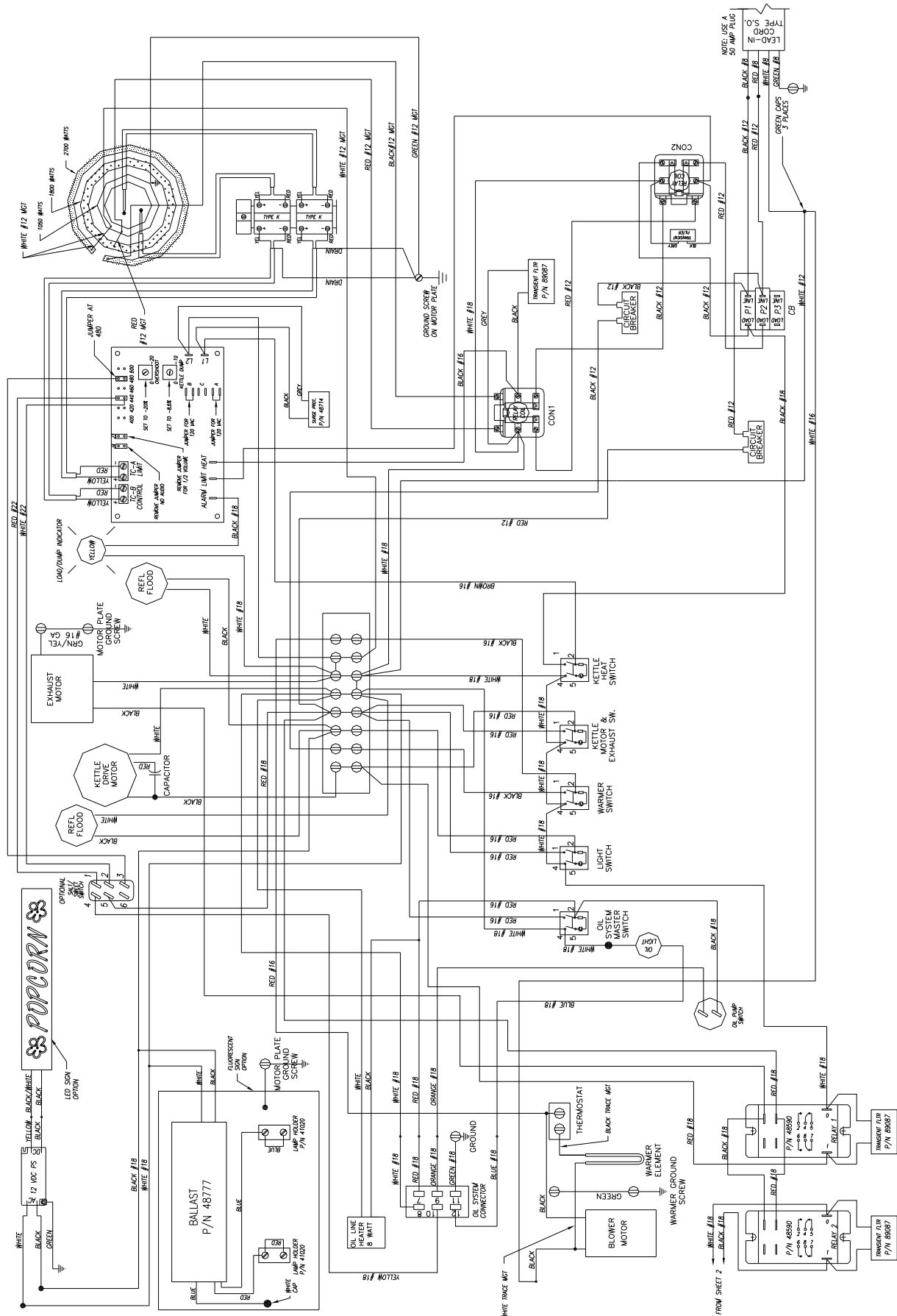
Single Kettle, Electrical Schematic







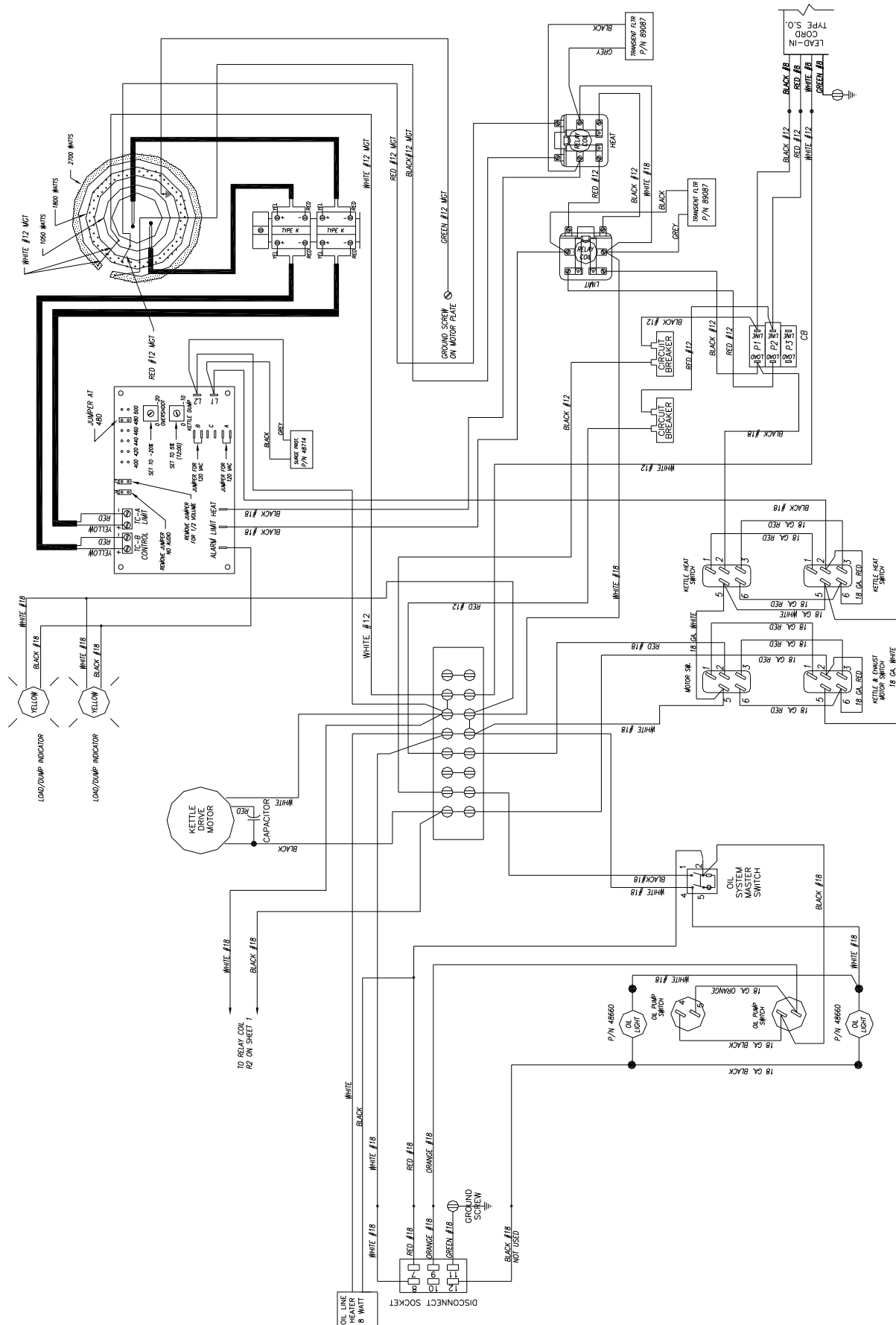






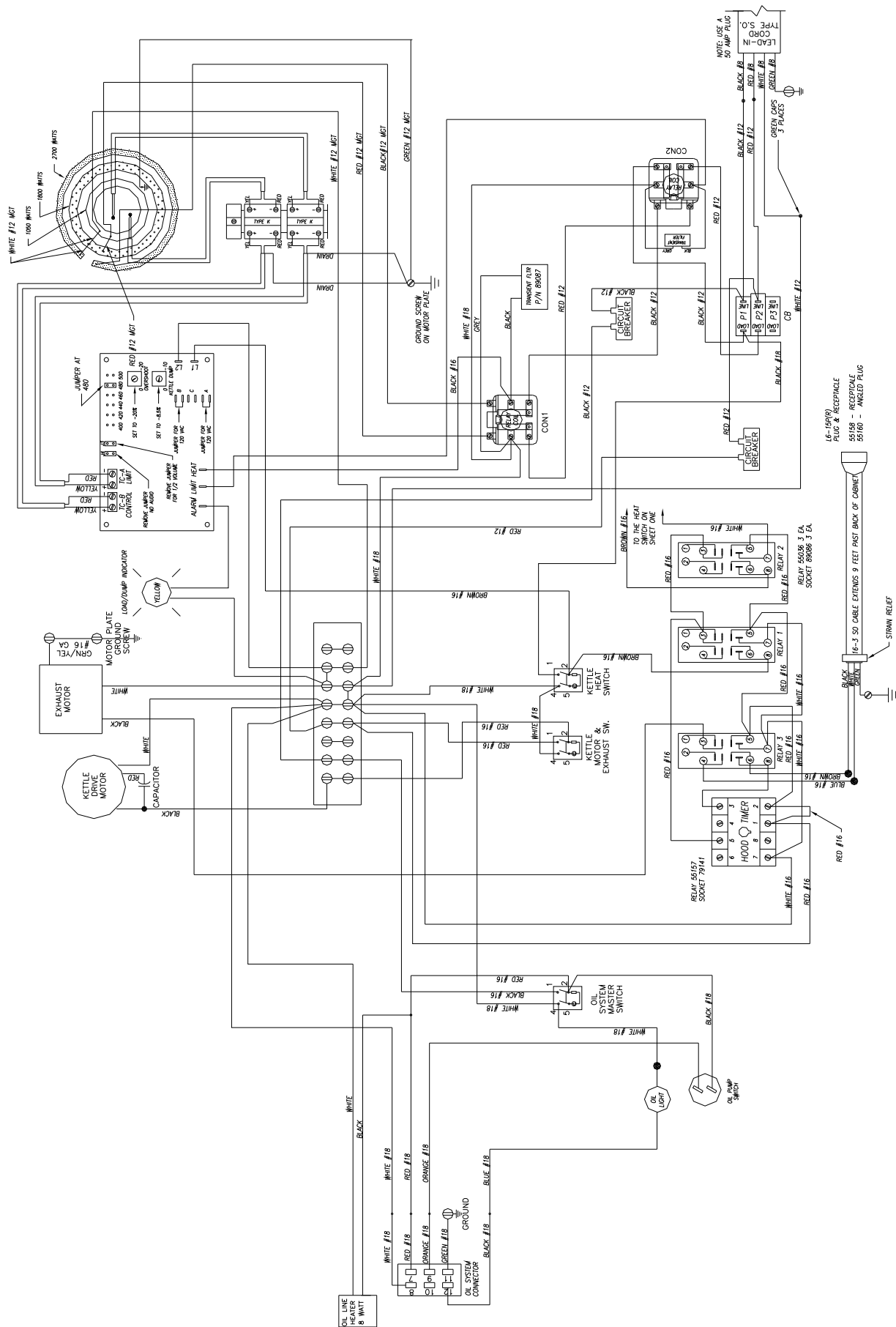


Twin Kettle Pass Thru, Left Side



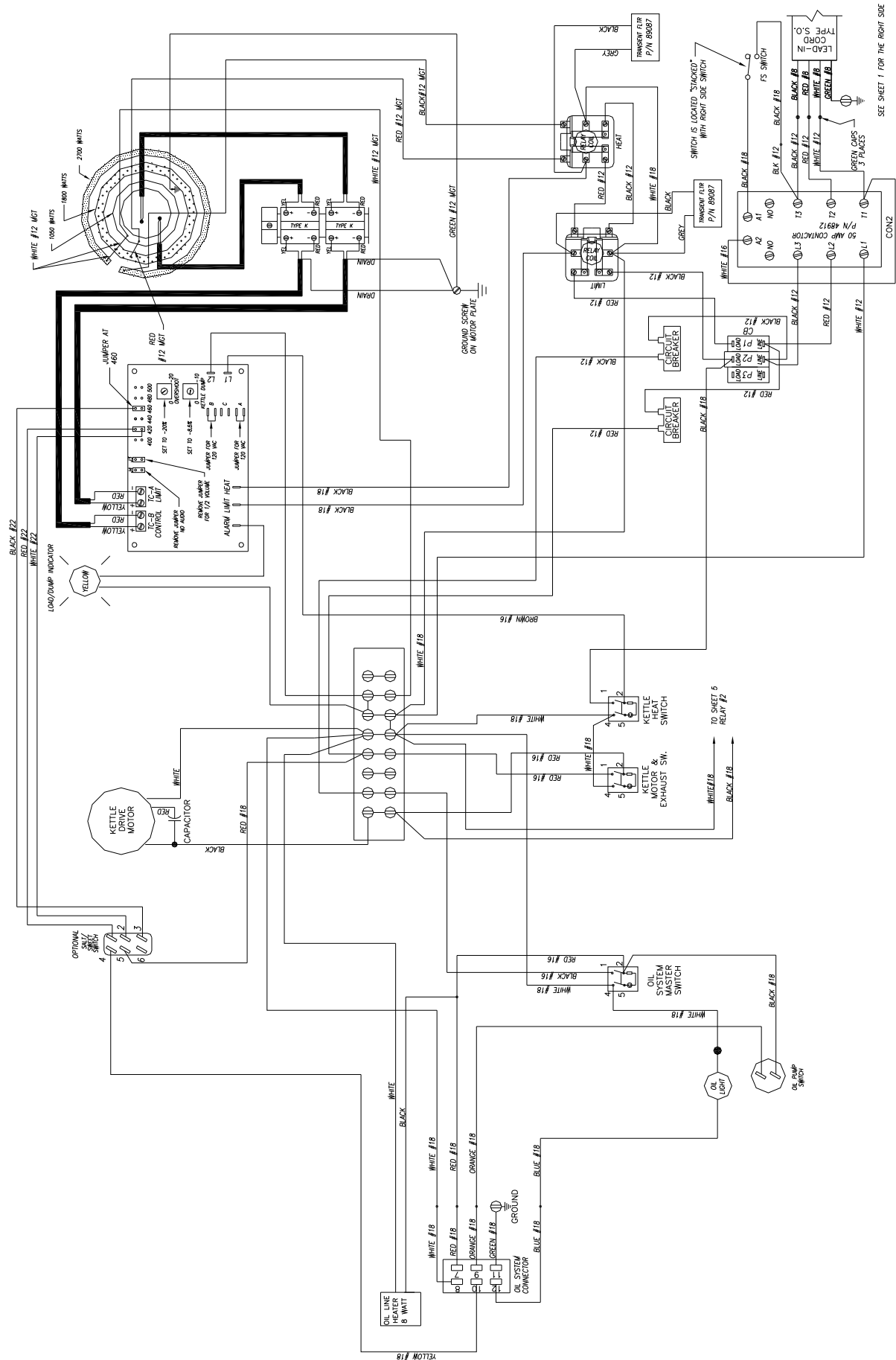


Twin Kettle Vent Control, Left Side





Twin Kettle Fire Suppression, Left Side



WARRANTY

WE WARRANT to the original purchaser the Gold Medal equipment sold by us to be free from defects in material or workmanship under normal use and service. Our obligation under this warranty shall be limited to the repair or replacement of any defective part for a period of six (6) months from the date of sale to the Original Purchaser with regard to labor and two (2) years with regard to parts and does not cover damage to the equipment caused by accident, alteration, improper use, voltage, abuse, or failure to follow instructions.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, AND OF ALL OTHER OBLIGATIONS OR LIABILITIES ON OUR PART, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. We neither assume, nor authorize any other person to assume for us, any other obligation or liability in connection with the sale of said GOLD MEDAL equipment or any part thereof.

The term "Original Purchaser" as used in this warranty shall be deemed to mean that person, firm, association, or corporation who was billed by the GOLD MEDAL PRODUCTS COMPANY, or their authorized distributor for the equipment.

THIS WARRANTY HAS NO EFFECT AND IS VOID UNLESS THE ORIGINAL PURCHASER FIRST CALLS GOLD MEDAL PRODUCTS COMPANY AT 1-800-543-0862 TO DISCUSS WITH OUR SERVICE REPRESENTATIVE THE EQUIPMENT PROBLEM, AND, IF NECESSARY, FOR INSTRUCTIONS CONCERNING THE REPAIR OR REPLACEMENT OF PARTS.



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