



# Instruction Manual

## Astro Pop 16oz



Model No. 2023E, 2023XE, 2023XEN







**GOLD MEDAL<sup>®</sup> PRODUCTS CO.**



10700 Medallion Drive, Cincinnati, Ohio 45241-4807 USA



# SAFETY PRECAUTIONS

	 <b>DANGER</b>
	<p>Machine must be properly grounded to prevent electrical shock to personnel. Failure to do so could result in serious injury, or death.  <b>DO NOT</b> immerse any part of this equipment in water.  <b>DO NOT</b> use excessive water when cleaning.            Keep cord and plug off the ground and away from moisture.            Always unplug the equipment before cleaning or servicing.            Make sure all machine switches are in the OFF position before plugging the equipment into the receptacle.</p> <p style="text-align: right;">008_051514</p>

	 <b>DANGER</b>
	<p>Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Any alterations to this equipment will void the warranty and may cause a dangerous condition. This appliance is not intended to be operated by means of an external timer or separate remote-control system. <b>NEVER</b> make alterations to this equipment. Read the Installation, Operating, and Maintenance Instructions thoroughly before installing, servicing, or operating this equipment.</p> <p style="text-align: right;">014_020416</p>

	 <b>WARNING</b>
	<p>To avoid burns, <b>DO NOT</b> touch the kettle or any heated surface.  <b>DO NOT</b> place or leave objects in contact with heated surfaces.</p> <p style="text-align: right;">013_092414</p>



	 <b>WARNING</b>
	<p><b>ALWAYS</b> wear safety glasses when servicing this equipment.</p> <p style="text-align: right;">010_010914</p>



	 <b>WARNING</b>
	<p>No user serviceable parts inside. Refer servicing to qualified service personnel.</p> <p style="text-align: right;">011_051514</p>

	 <b>WARNING</b>
	<p>Read and understand operator's manual and all other safety instructions before using this equipment. To order copies of the operator's manual go to <a href="http://gmpopcorn.com">gmpopcorn.com</a> or write to Gold Medal Products Co., 10700 Medallion Drive, Cincinnati, OH 45241 USA 1-(800)-543-0862</p> <p style="text-align: right;">022_060215</p>



## SAFETY PRECAUTIONS (continued)

	 <b>WARNING</b>
	DO NOT allow direct contact of this equipment by the public when used in food service locations. Only personnel trained and experienced in the equipment operation may operate this equipment. Carefully read all instructions before operation. <span style="float: right;">012_010914</span>

	 <b>WARNING</b>
	This machine is NOT to be operated by minors. <span style="float: right;">007_010914</span>

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

**Note:** Improvements are always being made to Gold Medal's equipment. This information may not be the latest available for your purposes. It is critical that you call Gold Medal's Technical Service Department at 1-800-543-0862 for any questions about your machine operations, replacement parts, or any service questions. (Gold Medal Products Co. does not assume any liability for injury due to careless handling and/or reckless operation of this equipment.)

# INSTALLATION INSTRUCTIONS

## Inspection of Shipment

After unpacking, check thoroughly for any damage which may have occurred in transit. Claims should be filed immediately with the transportation company. The warranty does not cover damage that occurs in transit, or damage caused by abuse, or consequential damage due to the operation of this machine, since it is beyond our control (reference warranty in back of manual).

## Manual

Read and understand the operator's manual and all other safety instructions before using this equipment. To order copies of the operator's manual go to [gmpopcorn.com](http://gmpopcorn.com) or write to Gold Medal Products Co., 10700 Medallion Drive, Cincinnati, OH 45241 USA 1-(800)-543-0862.

## Items Included with this Unit



## Setup

This unit has been tested at the factory.



1. Remove all packaging and tape prior to operation.
2. Place unit on a sturdy, level base for use.
3. Install the light bulb (do not over-tighten) into the lamp holder located inside the cabinet on the ceiling of the popper. Always be sure the unit is OFF and unplugged before installing or changing the bulb (reference the Electrical Requirements section).
4. Reference the instruction manual for the oil dispense unit for instructions on connecting the unit to the popper.
5. After setup, the unit should be cleaned prior to use (see Care and Cleaning section of this manual).

## Electrical Requirements

The following power supply must be provided:

**2023E:** 120 V~, 2784 W, 60 Hz



**2023XE, 2023XEN:** 230 V~, 2784 W, 50 Hz

	 <b>DANGER</b>
	<p>Machine must be properly grounded to prevent electrical shock to personnel. Failure to do so could result in serious injury, or death.  <b>DO NOT</b> immerse any part of this equipment in water.  <b>DO NOT</b> use excessive water when cleaning.            Keep cord and plug off the ground and away from moisture.            Always unplug the equipment before cleaning or servicing.            Make sure all machine switches are in the OFF position before plugging the equipment into the receptacle.</p> <p style="text-align: right; font-size: small;">008_051514</p>

A certified electrician must furnish sufficient power for proper machine operation and install any supplied receptacle. We recommend this equipment be on a dedicated and protected circuit. Failure to wire properly will void the warranty and may result in damage to the machine. It is Gold Medal Products Co.'s recommendation that this machine be plugged directly into a wall outlet. The use of extension cords is not recommended due to safety concerns, and may cause sacrificed and/or reduced performance. Make sure cord is located to prevent a trip hazard or unit upset.

## Before You Plug In Machine

1. Make sure all machine switches are in the OFF position before plugging the equipment into the receptacle.
2. Make sure the wall outlet can accept the grounded plugs (where applicable) on the power supply cord.
3. The wall outlet must have the proper polarity. If in doubt, have a competent electrician inspect the outlet and correct if necessary.
4. **DO NOT** use a grounded to un-grounded receptacle adapter (where applicable).
5. Install the unit in a level position.

	 <b>CAUTION</b>
	<p>If the supply cord is damaged, it must be replaced by Gold Medal Products Co., its service agent or similarly qualified persons in order to avoid a hazard.</p> <p style="text-align: right; font-size: small;">039_080614</p>

# OPERATING INSTRUCTIONS

## Controls and Their Functions

### OIL SYSTEM MASTER SWITCH

Sends power to the oil pump. The warmer/blower on the oil pump is activated. The warmer/blower on the oil pump will keep coconut popping oil in liquid form 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 liquefied. Coconut oil will congeal at temperatures below approximately 76° F [24° C]. (Reference Instruction Manual for oil dispense unit.)

### RED OIL DISPENSE MOMENTARY SWITCH

When pushed, this will dispense the predetermined amount of oil into the kettle.

### LIGHT AND WARMER SWITCH

This switch operates the interior light and the forced air popcorn crisping system.

### KETTLE MOTOR SWITCH

This switch operates the popcorn agitator motor. This switch must be *on* at all times when popcorn (popped and un-popped) is present in the kettle. This switch activates the exhaust fan.

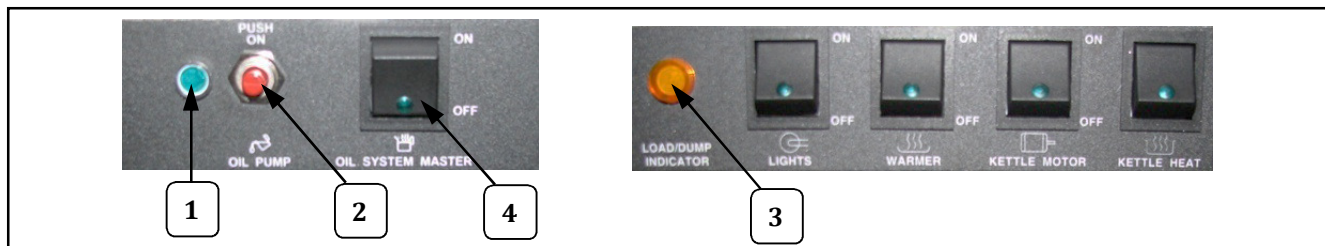
### KETTLE HEAT SWITCH

This switch turns on the heat elements located in the popcorn kettle by sending power to the Big Eye electronic control system.

### YELLOW LIGHT AND AUDIBLE SOUND

The Astro-Pop is equipped with the state of the art *Big Eye* electronic control that “watches your popcorn machine” to deliver optimum popping performance. The *Big Eye* control will signal the operator to:

- Load the corn and oil ***or***
- Dump the popped corn from the kettle ***or***
- Turn OFF the Kettle Heat if you are finished popping corn.



Item	Part No.	Model(s)	Part Description	Qty.
1	48660	2023E	125V GREEN PILOT LIGHT	1
	48660EX	2023XE-XEN	PILOT LIGHT, 250V GREEN	
2	41031	ALL	OIL PUMP SWITCH	1
3	55039	2023E	125V AMBER PILOT LIGHT	1
	55039EX	2023XE-XEN	PILOT LIGHT, AMBER 230V	
4	42798	ALL	LIGHTED ROCKER SWITCH	5



# Popping Instructions

This section describes popping instructions for Standard (salted) popcorn.

## Remember

When the Yellow Light comes ON, and Audible Signal (if enabled) 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 if you are finished popping corn.

## Amount of Popcorn and Oil

This popper is equipped with a corn, salt, and oil measure. Gold Medal recommends flavored and colored coconut oil. Popcorn popped in coconut oil stays fresh longer and does not leave black deposits in your kettle like other oils. Use only top quality, fresh popcorn from reputable suppliers.

Kettle Size	Popcorn Charge	Oil Charge	Flavacol (Salt)
16 oz.	16 oz. (473 ml)	5 oz. (148 ml)	1.5 Tblsp. (20cc)

## Popping Standard (Salted) Popcorn

1. Turn all switches ON.

**Note:** When popping with coconut oil, be sure the oil is liquid. As a check, dispense oil into a measuring cup first (should be between 4 to 5 oz.), then use that oil for the first popping cycle.

2. When the kettle is ready (about 4 minutes), the Yellow Light and Audible Signal (if enabled) will turn ON.
3. Lift the kettle lid and pour in the popcorn and Flavacol in the premeasured amounts specified above. Close lid.
4. Press the “Red” Oil Dispense PB Switch to add oil. The proper amount of oil is pumped into the kettle. The Light and Signal will turn OFF.
5. When the corn has finished popping the Yellow Light and Audible Signal will turn ON, then gently dump the popcorn.

**Note:** The signal “To Dump” was factory set based on Gold Medal Products Co. popcorn and oil. If, after 3 consecutive batches, the signal occurs before or after popping has stopped, the signal timing must be adjusted. Have a qualified service person adjust the signal to dump (see the Electronic Temperature Control section).



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 procedure saves electricity, since the kettle has plenty of heat, and helps eliminate smoke/odor from any oil residue that remains after popping has stopped.



**Note:** When the Kettle Heat Switch is OFF, the machine will not beep on the last batch.

7. When finished popping, make sure KETTLE HEAT and KETTLE MOTOR switches are turned OFF.

**NEVER LEAVE THE HEAT ON WHEN YOU ARE NOT POPPING CORN!**



## Care and Cleaning

	 <b>DANGER</b>
	<p>Machine must be properly grounded to prevent electrical shock to personnel.  <b>DO NOT immerse in water.</b>            Always unplug the equipment before cleaning or servicing.</p> <p style="text-align: right; font-size: small;">025_020314</p>

	 <b>WARNING</b>
	<p>To avoid serious burns, <b>DO NOT</b> touch the kettle while it is hot!</p> <p style="text-align: right; font-size: small;">028_082715</p>

Good sanitation practice demands that all food preparation equipment be cleaned regularly (only use non-toxic, food grade cleaners). A clean looking, well-kept machine is one of the best ways of advertising your product.

**Note:** It is extremely important to follow all of the cleaning procedures, otherwise parts damage and equipment failure will result. The warranty does not cover parts that are damaged due to improper cleaning.

### Daily Kettle Cleaning Instructions

**CAUTION:** A hot kettle will cause burns if you touch it with your hand. Allow kettle to cool at least 1 hour before attempting to clean. **DO NOT** use ice or water to cool down a hot kettle! Severe kettle damage will result!

1. When cool, wipe the **outside** of the kettle with a clean, soft cloth. **DO NOT** use oven cleaners or abrasive materials as they will damage the kettle.
2. Every night, mix Gold Medal's Heat'n Kleen solution (Item No. 2095), 2 tablespoons per gallon of water. It is not necessary to use the entire gallon at once; only use enough to fill the kettle 1/2 inch deep.
3. Turn the kettle heat ON. When the water starts to boil, turn the kettle heat OFF.
4. Allow to cool for at least 1 hour, then dump the solution into a bucket and wipe the inside of the kettle with a clean cloth. Make sure all of the solution goes into the bucket; do not spill any in the interior of the machine.

For an extra dirty kettle, the process may be repeated; or, after turning the kettle heat OFF, allow solution to sit in the kettle overnight. The next morning, dump the solution into a bucket and wipe the inside of the kettle with a clean cloth.

5. With the unit OFF and unplugged, wipe the kettle lead cord with a clean SLIGHTLY damp cloth. **DO NOT get moisture into the kettle lead-in cord, severe damage will result.**



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## Daily Unit Cleaning Instructions

1. Turn machine OFF, unplug unit and allow it to cool before attempting to clean.
2. Clean all pans/accessories in order to sanitize them before each use.
3. Take a clean, SLIGHTLY damp cloth and wipe excess grease from glass and cabinet.
4. Wipe stainless steel parts with a clean cloth and cleaner designed for stainless steel, such as Gold Medal Watchdog Stainless Cleaner (Item No. 2088).

**DO NOT** use oven cleaners or abrasive materials as they will damage parts of machine.

5. Clean glass panels with glass cleaner. Gold Medal Watchdog Glass Cleaner (Item No. 2588) is recommended.

Ammonia cleaners will damage plastic doors/panels. Use only non-ammonia cleaners, such as Gold Medal Watchdog Glass Cleaner (Item No. 2588).

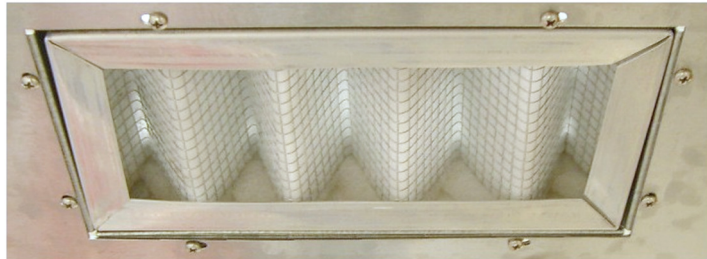
## Filter Cleaning Instructions

Your popcorn machine is equipped with an efficient and durable filtration system. The filter should be cleaned every 1-2 weeks to maintain maximum efficiency.

Follow the steps below for proper filter cleaning:

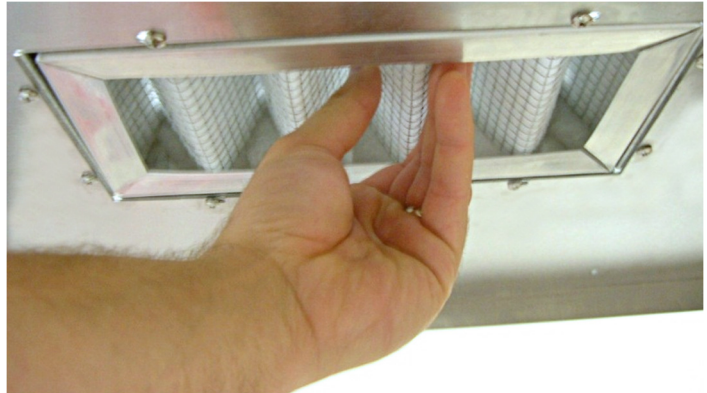
### Step 1:

The filter is located on the inside of the popcorn machine directly above the popping kettle.



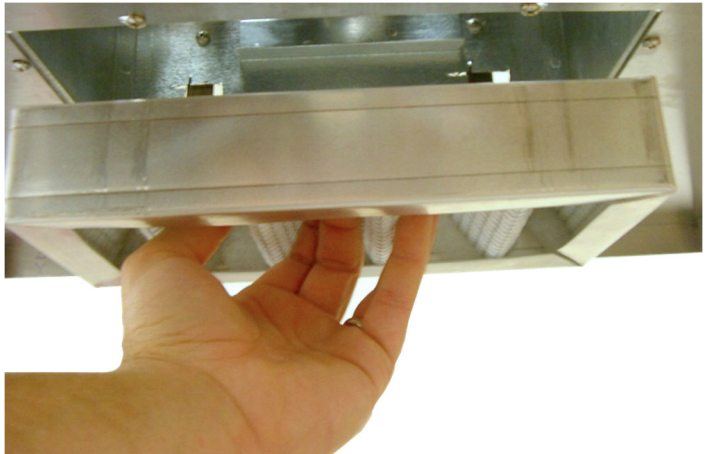
### Step 2:

Remove the filter by gripping the filter itself and pulling straight down.







### Step 3:



Clean the filter in warm soapy water and allow to dry overnight. Replace the filter by putting it into the slot and pushing upward. Make sure the filter frame is flush with the roof of the machine (as shown above).





# MAINTENANCE INSTRUCTIONS

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	<p>Machine must be properly grounded to prevent electrical shock to personnel. Failure to do so could result in serious injury, or death.  <b>DO NOT</b> immerse any part of this equipment in water.  <b>DO NOT</b> use excessive water when cleaning.            Keep cord and plug off the ground and away from moisture.            Always unplug the equipment before cleaning or servicing.            Make sure all machine switches are in the OFF position before plugging the equipment into the receptacle.</p> <p style="text-align: right;">008_051514</p>

	 <b>DANGER</b>
	<p>Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Any alterations to this equipment will void the warranty and may cause a dangerous condition. This appliance is not intended to be operated by means of an external timer or separate remote-control system. <b>NEVER</b> make alterations to this equipment. Read the Installation, Operating, and Maintenance Instructions thoroughly before installing, servicing, or operating this equipment.</p> <p style="text-align: right;">014_020416</p>

	 <b>WARNING</b>
	<p>No user serviceable parts inside. Refer servicing to qualified service personnel.</p> <p style="text-align: right;">011_051514</p>

	 <b>CAUTION</b>
	<p>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.</p> <p style="text-align: right;">027_010914</p>

# Electronic Temperature Control (Domestic)

## Operation

The temperature control is factory set to stop the power to the kettle when the thermocouple reaches setpoint. This is also the ideal point to dump the popped corn out of the kettle. On the first start-up, this is 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:

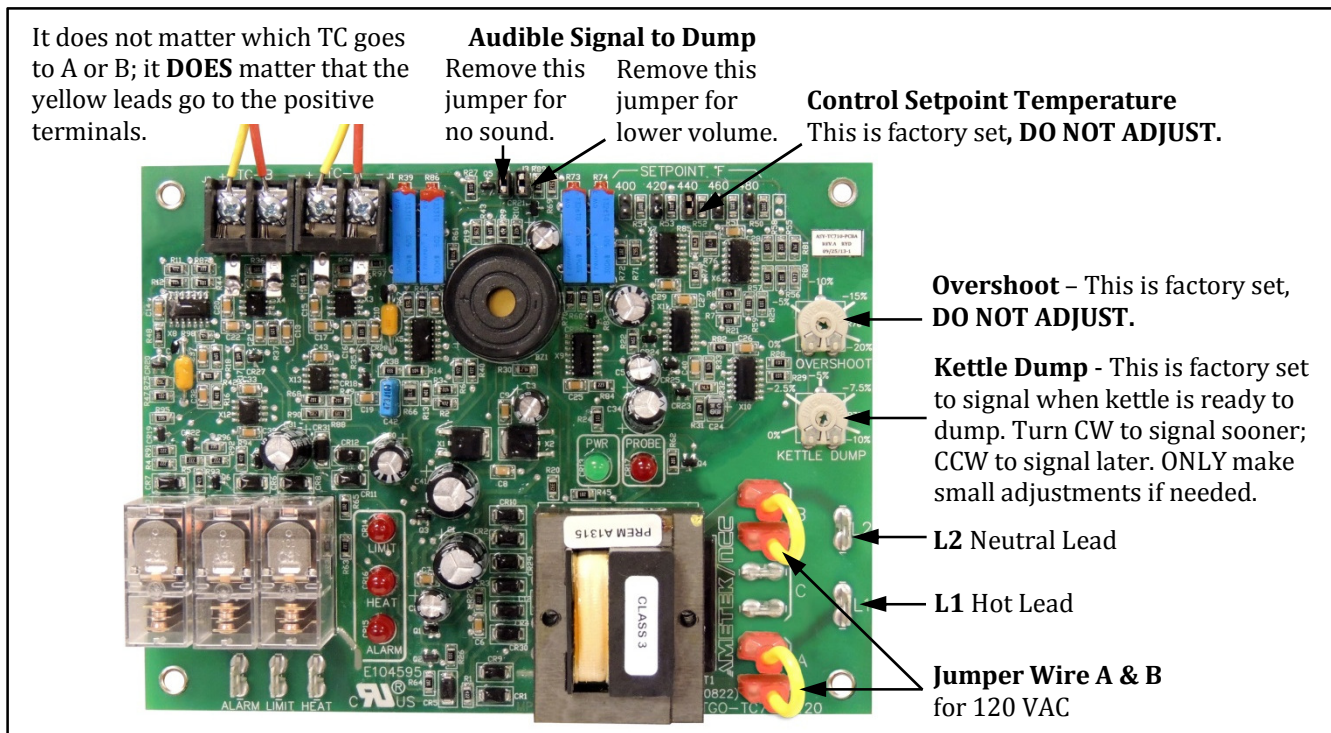
- Load the corn and oil **or**
- Dump the popped corn from the kettle **or**
- Turn OFF the Kettle Heat Switch if you are finished popping corn.

## Adjustment of Electronic Control

This unit has an electronic kettle control with 2 thermocouples (TC), 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 Setpoint Temperature – This is factory set, **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 Kettle Dump potentiometer (see image below). Turn clockwise (CW) to signal sooner, counterclockwise (CCW) to signal 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 (yellow light only). Adjustments are made by jumper positions (see image below). The unit is shipped with full volume.



# Electronic Temperature Control (Export)

## Operation

The temperature control is factory set to stop the power to the kettle when the thermocouple reaches setpoint. This is also the ideal point to dump the popped corn out of the kettle. On the first start-up, this is 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:

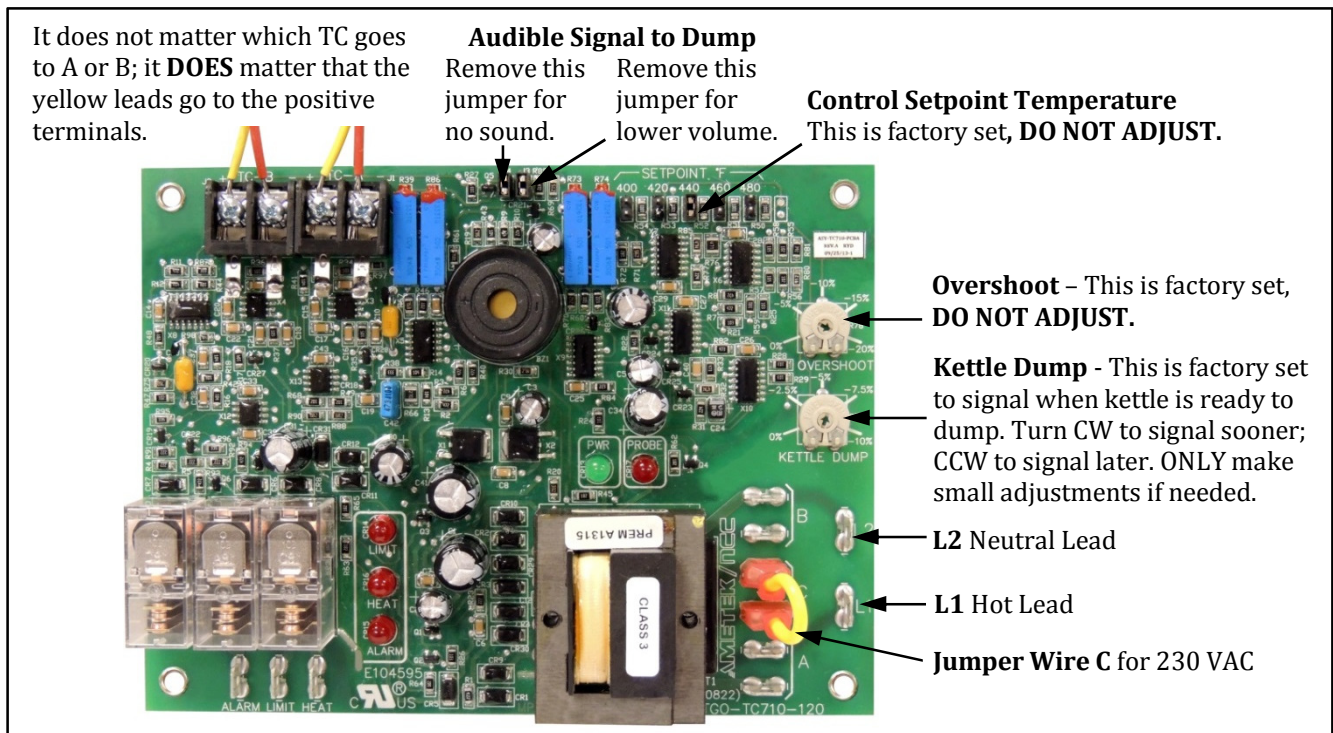
- Load the corn and oil **or**
- Dump the popped corn from the kettle **or**
- Turn OFF the Kettle Heat Switch if you are finished popping corn.

## Adjustment of Electronic Control

This unit has an electronic kettle control with 2 thermocouples (TC), one for control and one for limit. There are no mechanical thermostats in this kettle.

There are (4) factory adjustments on the control:

5. Control Setpoint Temperature – This is factory set, **DO NOT adjust**.
6. Signal to Dump – If you want the signal to dump to be a little sooner or later, you can adjust the Kettle Dump potentiometer (see image below). Turn clockwise (CW) to signal sooner, counterclockwise (CCW) to signal later.
7. The patented Overshoot circuit is tuned for the kettle, **DO NOT adjust** this potentiometer.
8. The Audible Signal to Dump has three options; full volume, half volume, no sound (yellow light only). Adjustments are made by jumper positions (see image below). The unit is shipped with full volume.





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## ORDERING SPARE PARTS

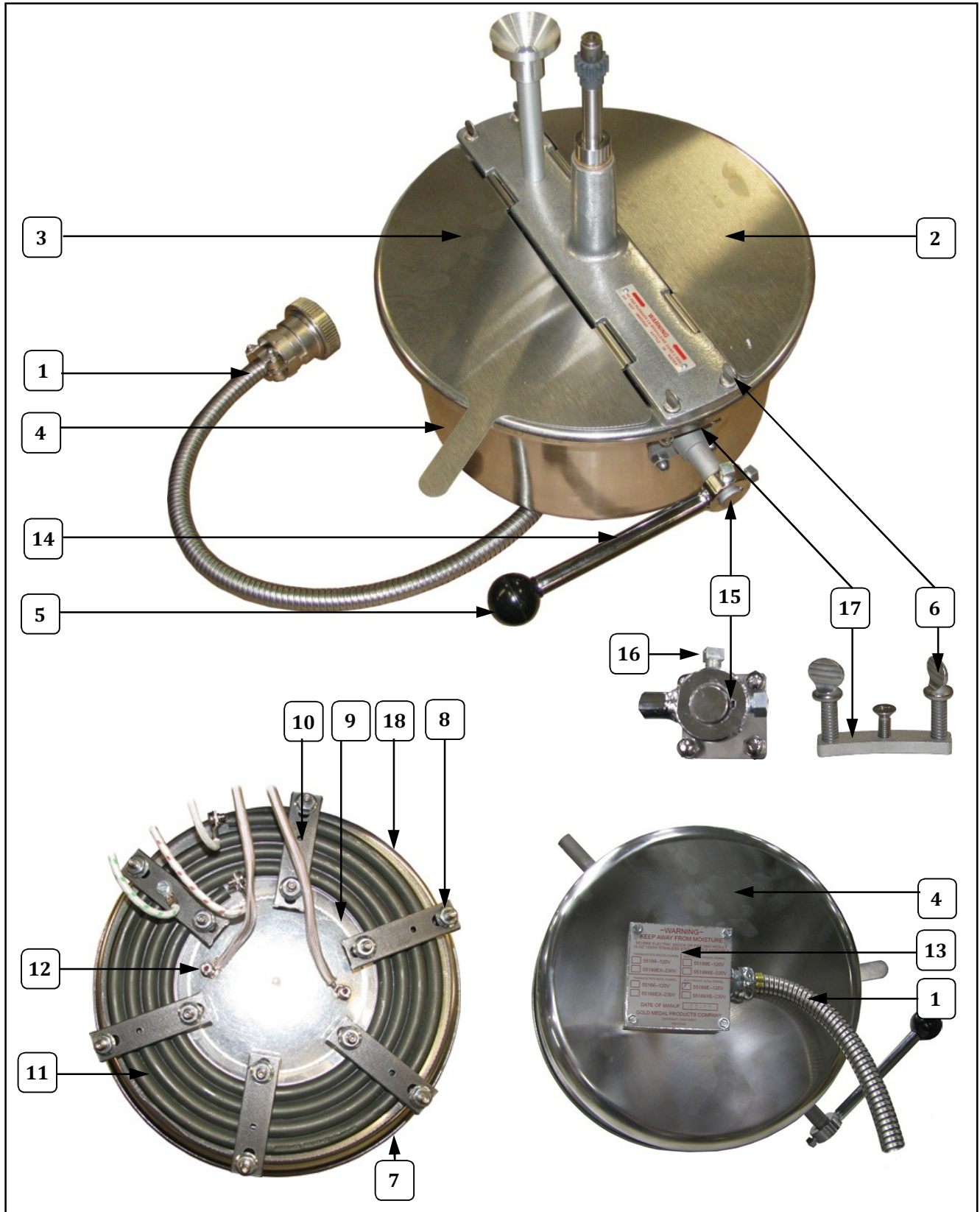
1. Identify the needed part by checking it against the photos, illustrations, and/or parts list.
2. Use only approved replacement parts when servicing this unit.
3. When ordering, please include part number, part name, and quantity needed.
4. Please include your model number, serial number, and date of manufacture (located on the machine nameplate/data plate) with your order.
5. 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:

Phone: (800) 543-0862  
(513) 769-7676  
Fax: (800) 542-1496  
(513) 769-8500  
E-mail: [info@gmpopcorn.com](mailto:info@gmpopcorn.com)  
Web Page: [gmpopcorn.com](http://gmpopcorn.com)

# Kettle Assembly – Parts Breakdown





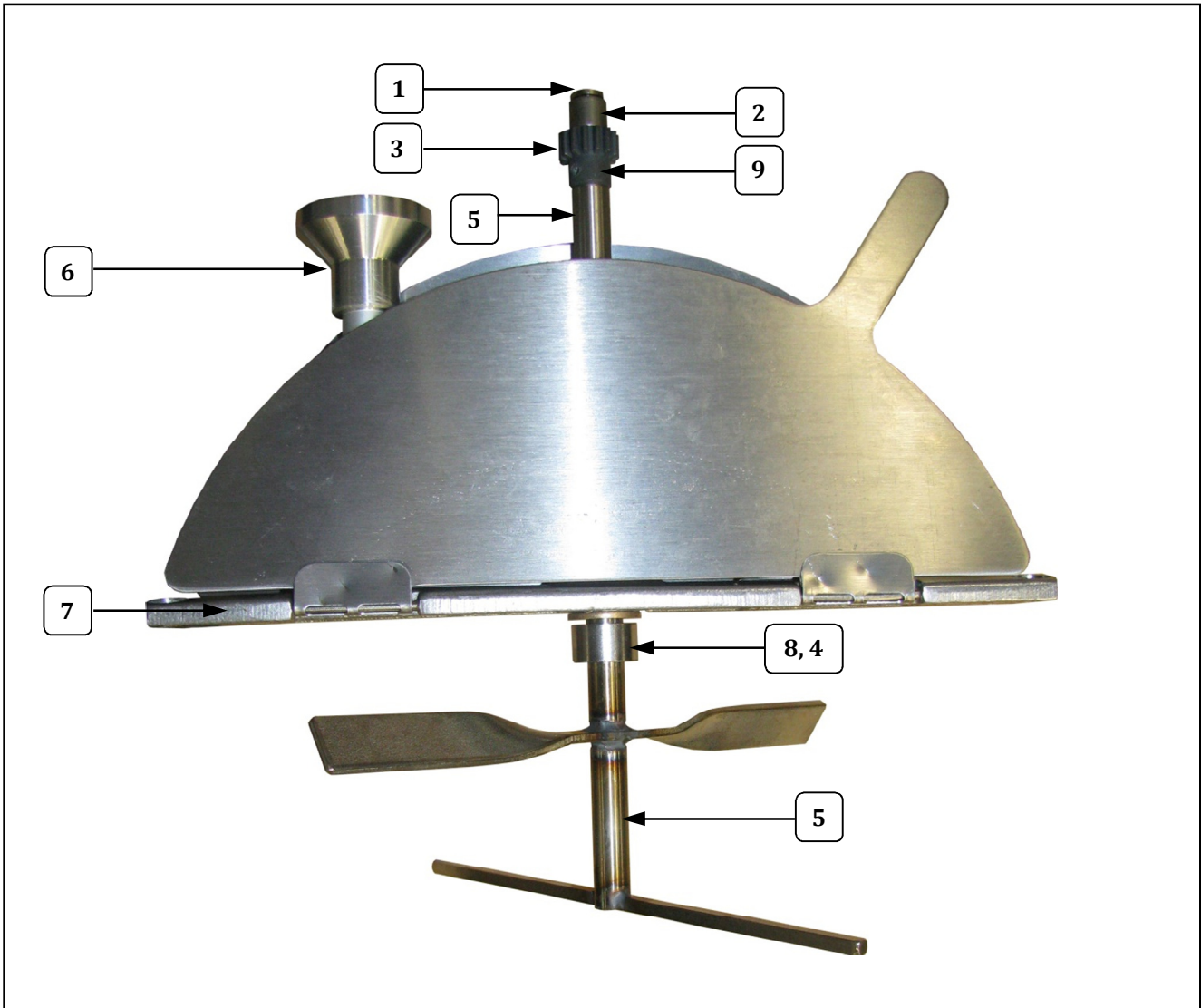


## Kettle Assembly – Parts List

Item	Part No.	Model(s)	Part Description	Qty.
1	55176	ALL	KETTLE LEAD ASSY	1
2	41120	ALL	REAR LID	1
3	41123	ALL	FRONT LID	1
4	41081	ALL	KETTLE SHELL ASSEMBLY	1
5	47110	ALL	KNOB DUMP HANDLE	1
6	47691	ALL	1/4-20 X 1 THUMB SCREW	4
7	41598	ALL	KETTLE GASKET	1
8	46311	ALL	1/4-20 SERRATED LOCK NUT	12
9	67890	ALL	TRANSFER PLATE	1
10	67894	ALL	ELEMENT CLAMP	6
11	67014	55166E	TUBULAR HEAT ELEMENT	1
	67014EX	55166XE	1550W HEAT ELEMENT	
12	67943	ALL	#8-32 TOP LOCK NUT	2
13	47393	ALL	JUNCTION BOX	1
14	47707	ALL	DUMP HANDLE	1
15	41730	ALL	WOODRUFF KEY #3 1/8X1/2	1
16	47662	ALL	5/16-18 X 3/8 SQ HD SCREW	2
17	61167	ALL	THREADED BLOCK	2
18	67892	ALL	KETTLE WELD	1

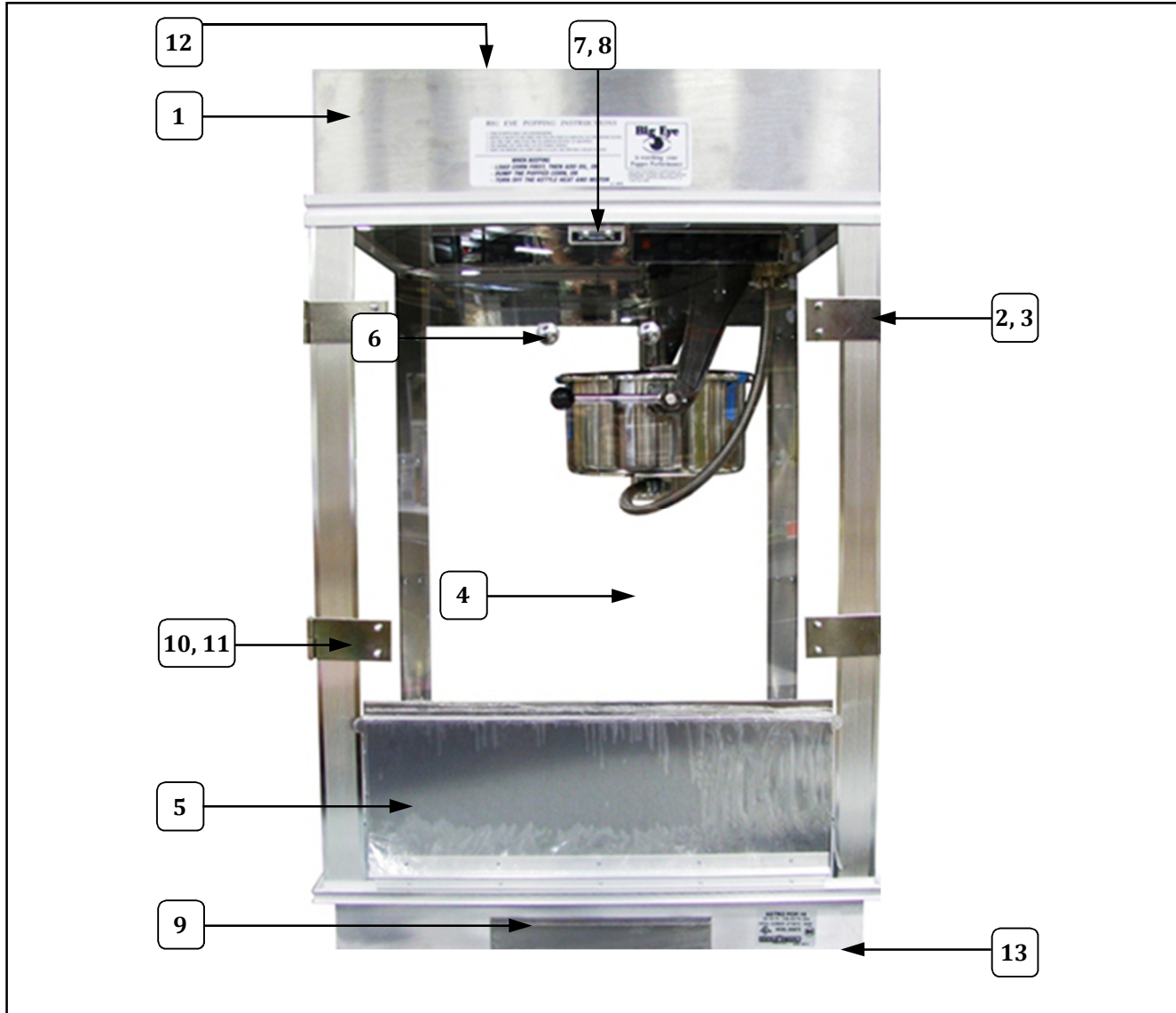


# Agitator Assembly



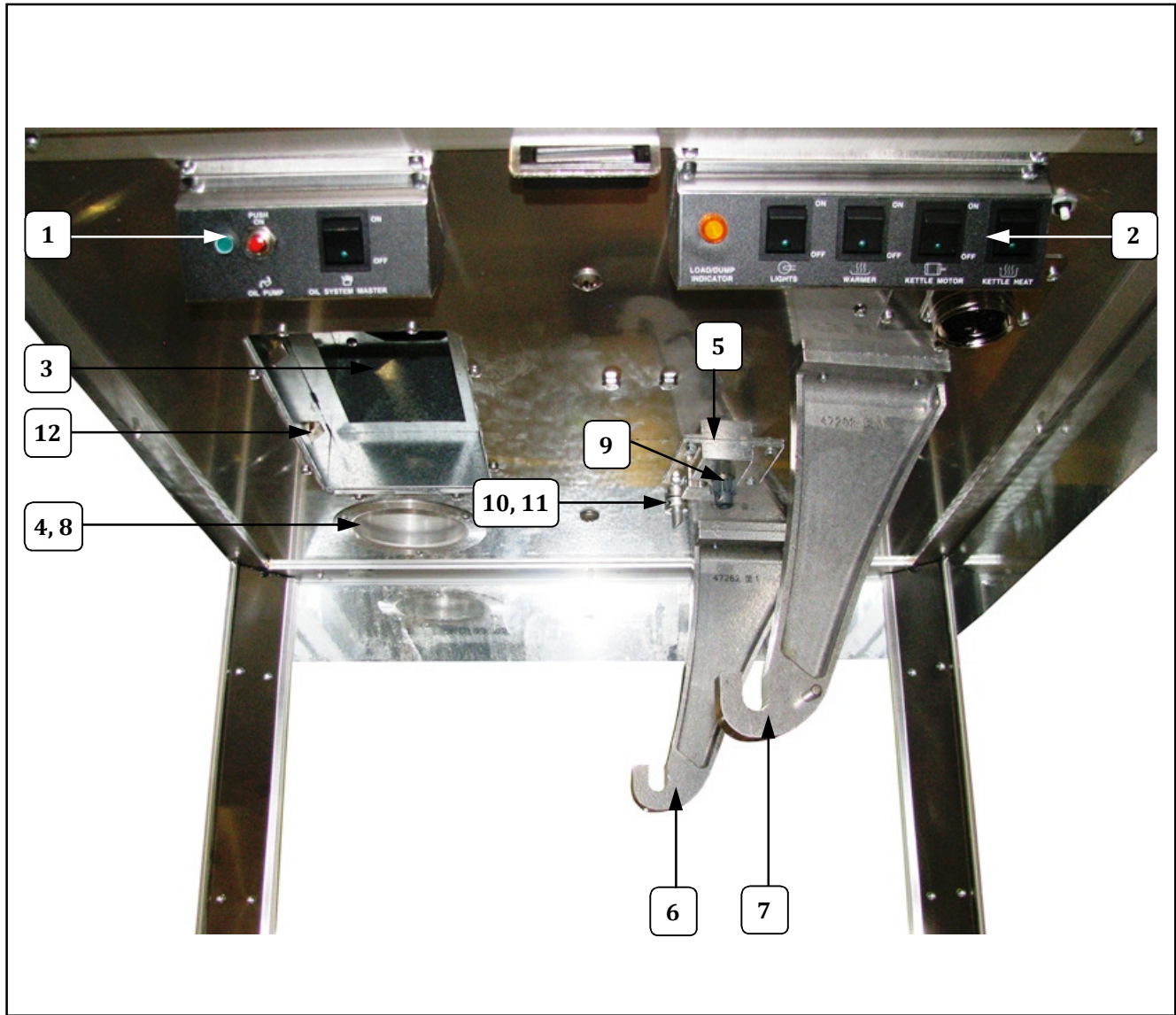
Item	Part No.	Model(s)	Part Description	Qty.
1	43434	ALL	AGITATOR BEARING HUB	1
2	47106	ALL	NEEDLE BEARING	1
3	47060	ALL	SPUR GEAR	1
4	47751	ALL	SET SCREW 1/4-20 X 3/16	2
5	41093	ALL	AGITATOR SHAFT ASSEMBLY	1
6	41239	ALL	OIL TUBE WITH FUNNEL	1
7	41086	ALL	CROSSBAR ASSEMBLY	1
8	47326	ALL	SET COLLAR 1/2ID X 7/8OD	2
9	41742	ALL	SET SCREW #10-32 X 3/16	1

## Cabinet Exterior



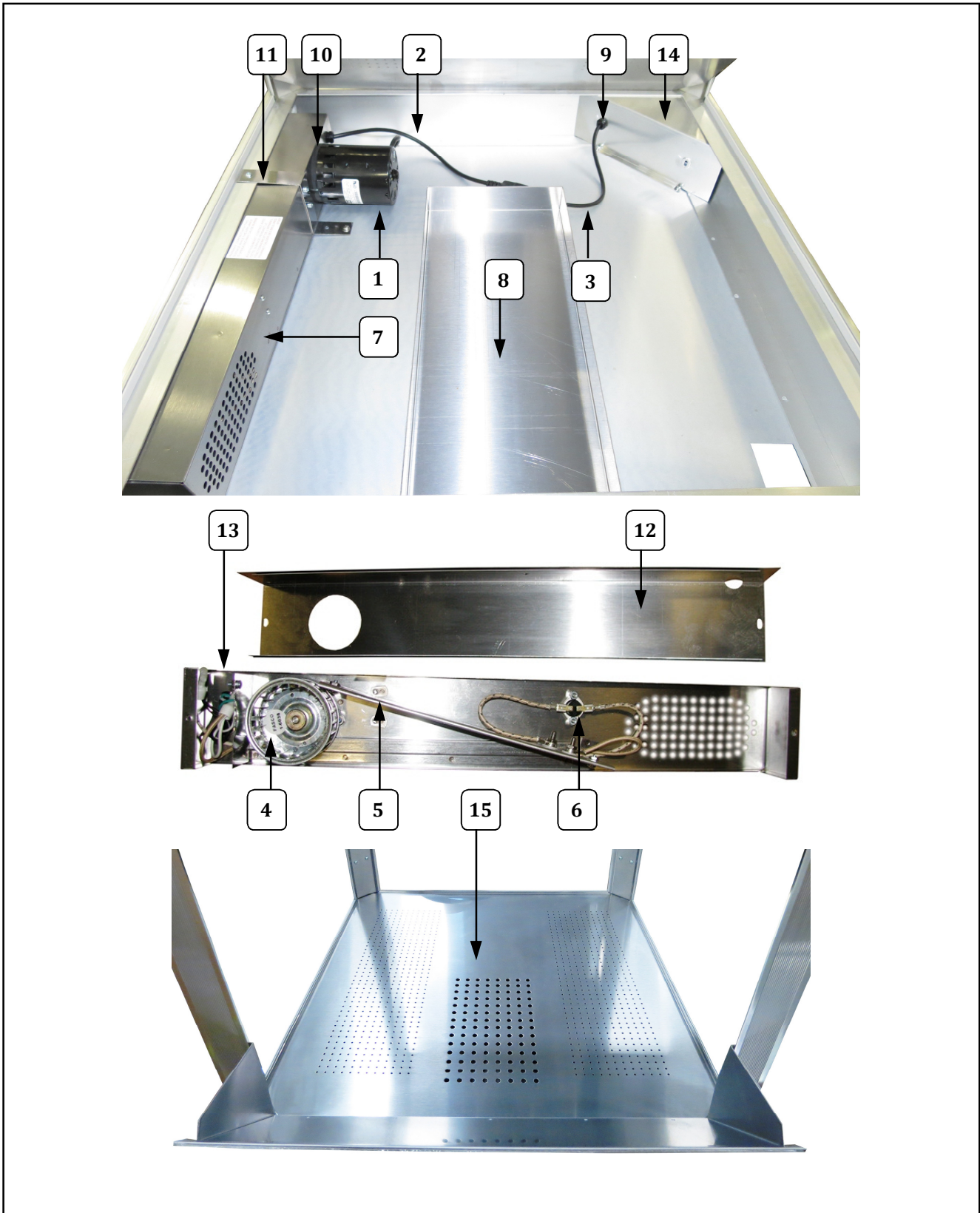
Item	Part No.	Model(s)	Part Description	Qty.
1	41345	ALL	DOMES ASSEMBLY	1
2	41350	ALL	MALE HINGE SHORT RIGHT	2
3	41351	ALL	FEMALE HINGE LONG LEFT	2
4	41014	ALL	ASTRO DOOR	2
5	41017	ALL	DROP PANEL ASSEMBLY	1
6	41013	ALL	DOOR KNOB	2
7	47561	ALL	MAGNETIC CATCH	1
8	41340	ALL	MAGNETIC CATCH BRACKET	1
9	41838	ALL	OLD MAID PAN	1
10	41349	ALL	MALE HINGE SHORT LEFT	2
11	41352	ALL	FEMALE HINGE LONG LEFT	2
12	67848	ALL	INSPECTION COVER	1
13	41282	ALL	CASE BOTTOM RUBBER FEET	4

## Cabinet Interior – Hanger Assembly



Item	Part No.	Model(s)	Part Description	Qty.
1	17451	ALL	ROCKER PUSH BUTTON BOX	1
2	17450	ALL	5 HOLE SWITCH BOX	1
3	69850	ALL	BOX FILTER (not shown)	1
4	47176	2023E	65W COATED REFLECTOR FLOOD	1
	41979EX	2023XE-XEN	75W HALOGEN FLOOD	
5	67194	ALL	GEAR BLOCK ASSEMBLY	1
6	47262	ALL	HANGER ARM FRONT	1
7	47228	ALL	HANGER ARM REAR	1
8	47047	ALL	LAMP HOLDER	1
9	47060	ALL	SPUR GEAR	1
10	47225	ALL	SET COLLAR	2
11	47226	ALL	SET SCREW	2
12	62666	ALL	FILTER SPRING CLIPS	2

## Corn Pan and Blower Assembly – Parts Breakdown

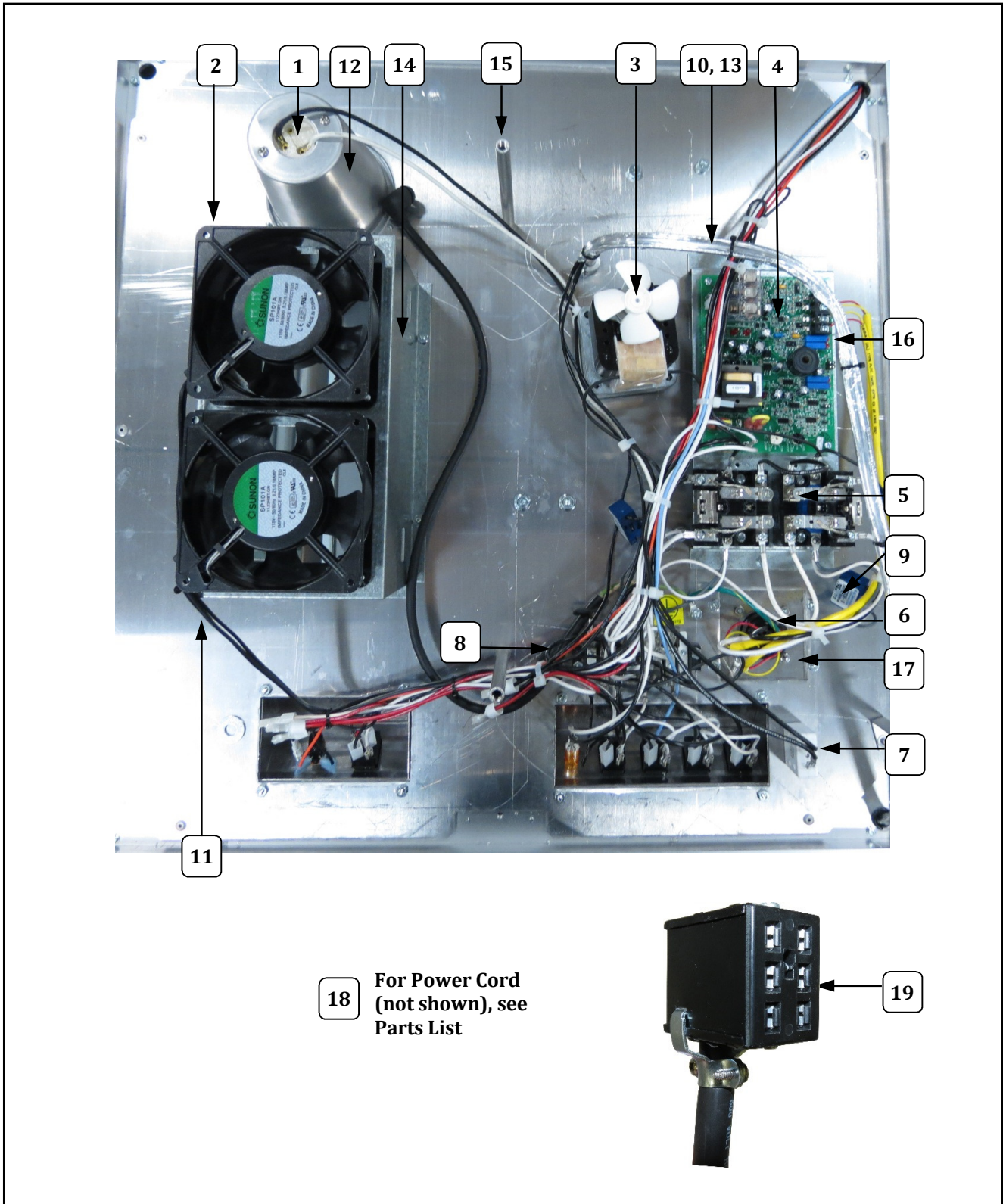




## Corn Pan and Blower Assembly – Parts List

Item	Part No.	Model(s)	Part Description	Qty.
1	47356	2023E	115V MOTOR WARMER	1
	47669	2023XE-XEN	230V MOTOR WARMER	
2	61021	ALL	FEMALE CORD	1
3	61020	ALL	MALE CORD	1
4	41113	ALL	BLOWER WHEEL	1
5	47355	2023E	120V, 400W HEAT ELEMENT	1
	47732	2023XE-XEN	240V, 400W HEAT ELEMENT	
6	47385	ALL	THERMOSTAT WARMER	1
7	47563	2023E	WARMER BLOWER ASSEMBLY	1
	47563EX	2023XE-XEN	WARMER BLOWER ASSEMBLY	
8	41838	ALL	OLD MAID PAN	1
9	44073	2023E	STRAIN RELIEF	2
	82220	2023XE-XEN	STRAIN RELIEF	
10	47358	ALL	RUBBER PAD	1
11	47985	ALL	TOP MOUNTING ANGLE	1
12	47542	ALL	TUNNEL COVER WELD ASSEMBLY	1
13	47545	ALL	WARMER CHASSIS ASSEMBLY	1
14	41879	ALL	CORNER COVER	1
15	41102	ALL	BOTTOM CORN PAN	1

## Dome Interior View – Parts Breakdown





## Dome Interior View – Parts List

Item	Part No.	Model(s)	Part Description	Qty.
1	47047	ALL	LAMP HOLDER	1
2	48018	2023E	120V 60CY EXHAUST BLOWER	2
	48037	2023XE-XEN	220V 50CY EXHAUST BLOWER	
3	47038	2023E	120V KETTLE DRIVE MOTOR	1
	47067	2023XE-XEN	230V KETTLE DRIVE MOTOR	
4	41001	ALL	TEMPERATURE CONTROL	1
5	55219	2023E	30A DPST 120V RELAY	2
	55219EX	2023XE-XEN	RELAY, 30A DPST 240V	
6	62306	2023E	KETTLE RECEPTACLE ASSEMBLY	1
	62306EX	2023XE-XEN	RECEPTACLE ASSY	
7	47364	2023E	15A CIRCUIT BREAKER	1
	48659	2023XE-XEN	10A CIRCUIT BREAKER	
8	47208	ALL	TERMINAL BLOCK	1
9	89087	ALL	240VAC TRANSIENT FILTER	2
10	41640	2023E	8W 120V FOIL ELEMENT	1
	41640EX	2023XE-XEN	8W 230V FOIL ELEMENT	
11	47199	ALL	BLOWER PLUG AND CORD	2
12	49480	2023E	LIGHT SHIELD CONICAL	1
	49584	2023XE-XEN	RECESSED LIGHT COVER	
13	41047	ALL	OIL LINE TUBING	5.42'
14	67841	ALL	EXHAUST BLOWER BOX	1
15	41526	ALL	DOMES SPACER	2
16	67842	ALL	TEMPERATURE CONTROL MOUNT PLATE	1
17	77475	ALL	MOUNT PLATE	1
18	47601	2023E	POWER SUPPLY CORD	1
	42369	2023XE-XEN	EXPORT POWER SUPPLY CORD	
19	41499	ALL	WIRE HARNESS OIL PUMP	1
20	47026	2023E	STRAIN RELIEF (Not Shown)	1
	41735	2023XE-XEN	STRAIN RELIEF (Not Shown)	
21	47290	2023E	POWER SUPPLY RECPT (Not Shown)	1
22	47377	2023E	POWER SUPPLY RECPT COVER (Not Shown)	1



## Lighting Assembly – Parts Breakdown





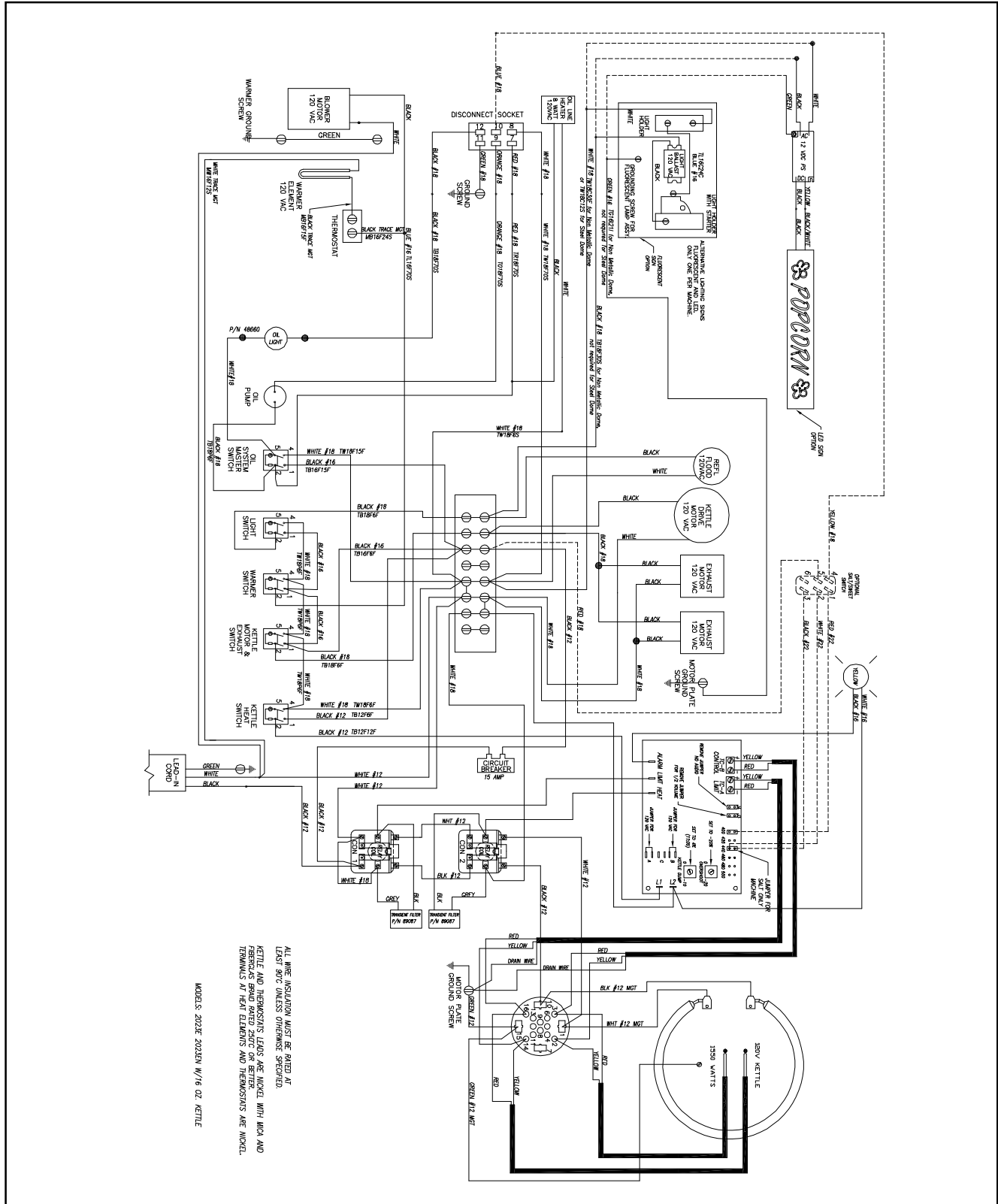
## Lighting Assembly – Parts List

Item	Part No.	Model(s)	Part Description	Qty.
1	41301	LED	LED POPCORN SIGN	1
2	55379	LED	1W LED STRIP	2
3	55394	LED	24VDC 20W POWER SUPPLY	1
4	67420	NEON	END CAP (Not Shown)	2
5	67417	NEON	NEON SIGN COVER	1
6	55231	NEON	12V POWER SUPPLY	1
7	67517	NEON	NEON SIGN BOTTOM BRACKET	2
8	45003	NEON	NEON SIGN ASSEMBLY	1
9	67438	NEON	EXTRUSION	2
10	69708	NEON	LED POPCORN SIGN	1
11	47562	ALL	WIRE HARNESS	1



# WIRING DIAGRAM

## Model 2023E







## WARRANTY

Gold Medal Products Co. warrants to the original purchaser each item of its manufacture to be free of defects in workmanship and material under normal use and service. Gold Medal Products Co.'s obligation under this warranty is limited solely to repairing or replacing parts, f.o.b. Cincinnati, Ohio, which in its judgment are defective in workmanship or material and which are returned, freight prepaid, to its Cincinnati, Ohio factory or other designated point. Except for "Perishable Parts" on specific machines, the above warranty applies for a period of two (2) years from the date of original sale to the original purchaser of equipment when recommended operating instructions and maintenance procedures have been followed. These are packed with the machine. Parts warranty is two (2) years, labor is six (6) months.

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. In no event shall Gold Medal Products Co. be liable for special, incidental or consequential damages. No claim under this warranty will be honored if the equipment covered has been misused, neglected, damaged in transit, or has been tampered with or changed in any way. No claim under this warranty shall be honored in the event that components in the unit at the time of the claim were not supplied or approved by Gold Medal Products Co. This warranty is effective only when electrical items have been properly attached to city utility lines only at proper voltages. This warranty is not transferable without the written consent of Gold Medal Products Co.

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 CO., or their authorized distributor for the equipment.

THIS WARRANTY HAS NO EFFECT AND IS VOID UNLESS THE ORIGINAL PURCHASER FIRST CALLS GOLD MEDAL PRODUCTS CO. 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.

*NOTE: This equipment is manufactured and sold for commercial use only.*



**GOLD MEDAL PRODUCTS CO.**

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