



Instruction Manual

Astro Pop 16 oz.

Model No. 2023E, 2023XE, 2023XEN







GOLD MEDAL[®] PRODUCTS CO.



10700 Medallion Drive, Cincinnati, Ohio 45241-4807 USA







SAFETY PRECAUTIONS

	 DANGER
	<p>Machine must be properly grounded to prevent electrical shock to personnel. Failure to do so could result in serious injury, or death. Make sure all machine switches are in the OFF position before plugging the equipment into the receptacle. Keep cord and plug off the ground and away from moisture. Always unplug the equipment before cleaning or servicing. DO NOT immerse any part of this equipment in water. DO NOT use a water jet or excessive water when cleaning.</p> <p style="text-align: right;">008_012221</p>



	 DANGER
	<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. NEVER 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>



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

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

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

	 WARNING
	<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 gmpopcorn.com 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>

	 WARNING
	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. 012_010914

	 WARNING
	This machine is NOT to be operated by minors. 007_010914

DO NOT install equipment in an area where a water jet is used.

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.

Unit to be in a supervised location.

Install unit on a level surface. Locate machine in a protected environment.

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.) General images may be used in manual for reference only.



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 or write to Gold Medal Products Co., 10700 Medallion Drive, Cincinnati, OH 45241 USA 1-(800)-543-0862.

Model Description

The Astro Pop is a 16 oz. popcorn popper.

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 the unit on a sturdy, level base.
3. The Popper blower vents out the top of unit, allow adequate clearance for airflow.
4. The door knobs are shipped facing the inside of the machine. Re-adjust knobs to face the outside of the machine.
5. Make sure kettle lead-in cord is securely plugged into unit, and twisted to lock into the kettle receptacle.
6. Reference the Instruction Manual for the oil dispense unit for instructions on connecting the oil unit to the popper (oil unit sold separately).
7. After setup, the unit should be cleaned prior to use (see Care and Cleaning section).

Electrical Requirements

The following power supply must be provided (reference unit Data Plate for Wattage requirement):

2023E: 120 V~, 60 Hz



2023XE, 2023XEN: 220-230 V~, 50/60 Hz

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A certified electrician must furnish sufficient power for proper machine operation and install any supplied receptacle (reference unit Data Plate for model specific Volts AC, Hertz, and Wattage requirements). 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 OFF before plugging equipment into receptacle.
2. Make sure 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 unit in a level position.

	 CAUTION
	<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 (Oil Light Indicator)

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

LIGHT SWITCH

This switch operates the LED lighting and sign.

WARMER SWITCH

This switch operates 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.

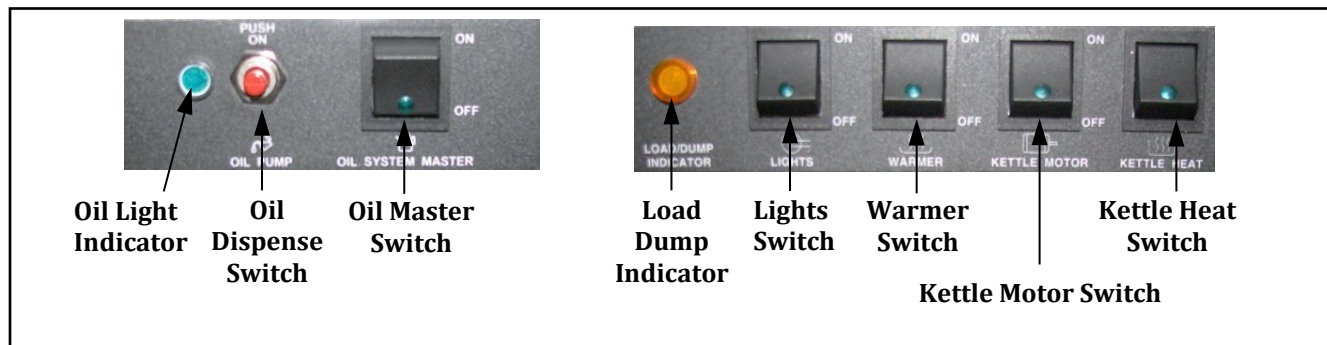
KETTLE HEAT SWITCH

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.





Popping Instructions

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

Premeasure all ingredients (adjust as needed for desired taste), or for best results use Mega-Pop® premeasured popcorn and oil pouch made for your kettle size.

Note: When using coconut oil, be sure the oil is liquid. As a check, dispense oil into a measuring cup first, then use that oil for the first popping cycle.

1. Turn all switches ON.
2. Kettle is ready to pop (about 4 minutes) when the Load/Dump Light and Audible Signal (beeper, if enabled) turn ON.
3. Lift kettle lid, pour in popcorn and Flavacol, then add oil; close lid (if equipped, press the “Red” Oil Dispense PB Switch to add oil) (light and beeper will turn OFF in approx. 20 seconds).
4. When the light and beeper come on again, gently dump the kettle.



Note: The signal “To Dump” was factory set based on Gold Medal popcorn and oil. If, after 3 consecutive batches, the signal occurs before or after popping has stopped, then the signal timing can be adjusted by a qualified service person (reference Electronic Temperature Control section).

Popping Tip: On final batch, turn Kettle Heat Switch OFF just as lids are forced open by the popping corn (kettle has plenty of heat to finish popping). This helps eliminate smoke/odor from any oil residue remaining in kettle. With the Heat Switch OFF, **the light and beeper will not activate for the last batch.**

5. When finished popping, turn KETTLE HEAT and KETTLE MOTOR switches OFF. **NEVER LEAVE THE HEAT ON WHEN YOU ARE NOT POPPING CORN!**



Care and Cleaning

	 DANGER
	<p>Machine must be properly grounded to prevent electrical shock to personnel. DO NOT immerse in water. DO NOT clean appliance with a water jet. Always unplug the equipment before cleaning or servicing.</p> <p style="text-align: right; font-size: small;">025_111616</p>

	 WARNING
	<p>To avoid serious burns, DO NOT 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).

For surfaces needing further cleaning or degreasing, Watchdog Stainless Cleaner (Item No. 2088) or Watchdog Concession Equipment Degreaser (Item No. 2580) is available for use accordingly. For any cleaning products used, follow the manufacturer's instructions on the product. **DO NOT use oven cleaners or abrasive materials** as they will damage parts of machine.

Note: It is extremely important to follow all 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

1. Turn the power switch OFF and unplug the unit.

CAUTION: A hot kettle will cause burns if you touch it. 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 and steam burns may occur!

2. When cool, wipe **outside** of kettle clean using a clean, soft cloth and Gold Medal Watchdog Stainless Cleaner (Item No. 2088). **DO NOT** use oven cleaners or abrasive materials as they will damage the kettle.
3. Mix 2 tablespoons (29.6 ml) of Gold Medal's Heat'n Kleen (Item No. 2095) in 1 gallon (3.8 L) of water.
4. Only pour enough of the Heat'n Kleen pre-mixed solution into the kettle to fill it 1/2 inch (12.7 mm) deep (it is not necessary to use the entire gallon at once).
5. Plug in the unit.
6. Turn kettle heat ON. When solution starts to boil, turn kettle heat OFF.
7. Allow kettle to cool at least 1 hour, then unplug unit.
8. Dump solution into a bucket, do not spill any in the interior of machine.
9. Rinse kettle interior with clean water and a clean cloth.



10. Dump any water remaining into a bucket (do not spill any in the interior of machine), then wipe the kettle interior clean with a clean dry cloth.
For an extra dirty kettle, the process may be repeated; or, after turning kettle heat OFF, allow solution to sit in kettle overnight. The next morning, finish the cleaning steps.
11. With unit OFF and unplugged, use a clean SLIGHTLY damp cloth (wring ANY EXCESS water from cloth before use) and wipe the kettle lead cord clean. **DO NOT get moisture into the kettle lead-in cord, severe damage will result.**
12. After kettle cleaning, check to be sure the crossbar fasteners are securely tightened.

Daily Unit Cleaning Instructions

1. Turn machine OFF, unplug unit and allow it to cool before attempting to clean.
2. Remove any remaining popcorn.
3. Remove all pans/accessories and take them to the sink to clean with soap and water, then rinse and dry.
4. Clean under corn pan to remove all popcorn bits and seeds with a vacuum as needed, then wipe the area with a clean dry cloth to remove any grease.
5. Wipe clean the area above the corn pan and exterior surfaces using a clean, SLIGHTLY damp cloth to remove any grease from the glass and cabinet (cloth may be SLIGHTLY dampened with soap and water, then wipe again with clean water to remove any remaining cleaner).
6. Clean glass panels with glass cleaner. Gold Medal Watchdog Glass Cleaner (Item No. 2588) is recommended.
Ammonia cleaners will damage plastic doors/panels. Only use a non-ammonia cleaner, such as Gold Medal Watchdog Glass Cleaner (Item No. 2588).
7. Reinstall the clean, dry pans/accessories.
8. Check the kettle lead cord, make sure it is fully plugged into the kettle receptacle and the plug (or plug collar) is fully twisted to lock it into place.

Sanitizing the Oil System (Tubing and Pump)

Reference the Oil Dispense Unit manual for oil system cleaning instructions.

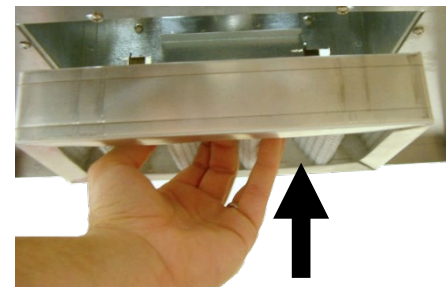
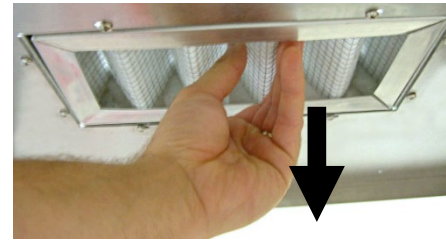


Filter Cleaning Instructions

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

Steps to Clean Filter

1. Turn unit OFF and allow it to cool before removing filter. Filter is located inside the popcorn machine, above the popping kettle.
2. Remove filter by gripping the filter itself and pulling straight down.
3. Clean filter in warm soapy water, then rinse and allow to dry overnight. Replace filter by putting it into the slot and pushing upward. Make sure the filter frame is flush with the ceiling of the popper (as shown above).





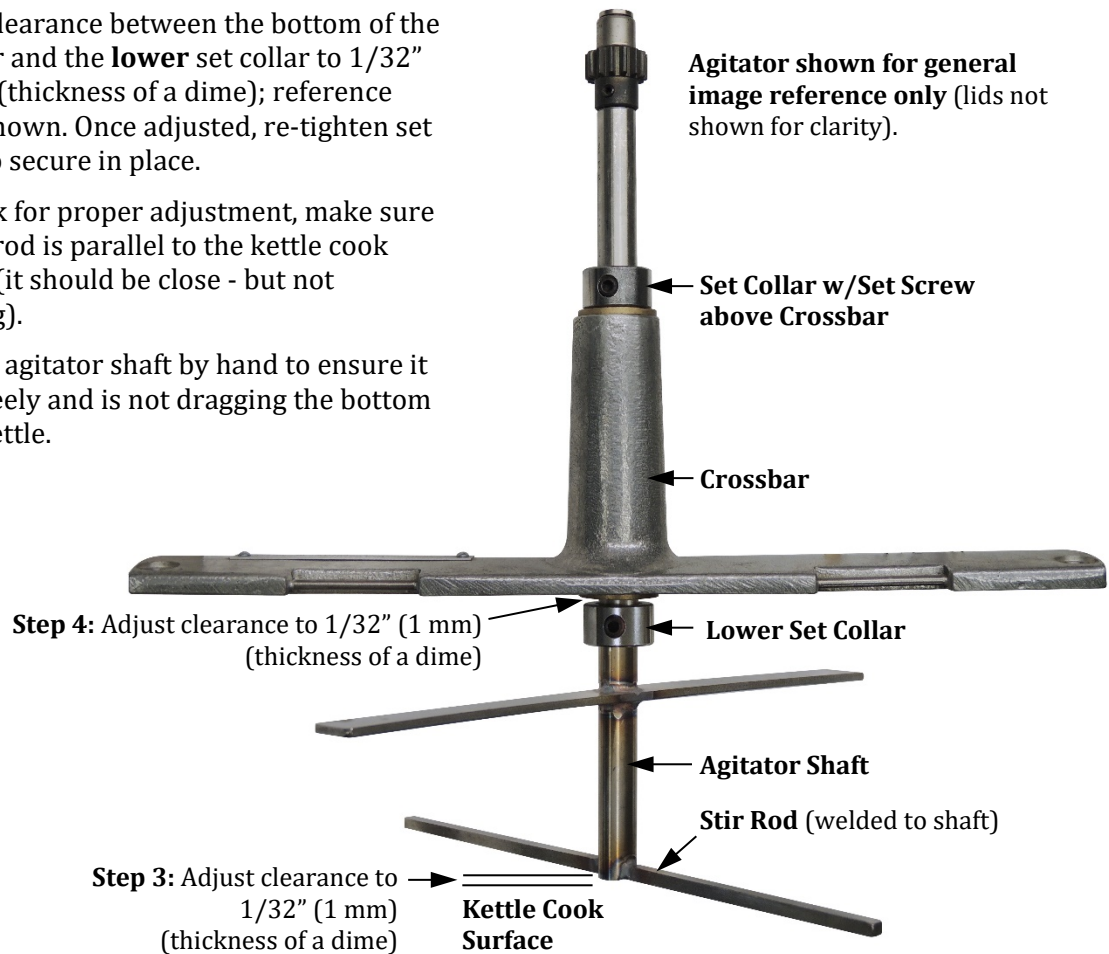
Agitator Set Collar Adjustment

The following instructions describe how to properly adjust set collars on an agitator assembly with a fixed stir rod.

Steps to Adjust Set Collars on Agitator with a Fixed Stir Rod

Agitator assembly is adjusted while fastened to the kettle (image shown for general reference only).



1. Turn machine OFF, unplug unit, and allow it to cool completely before attempting to adjust the agitator height.
2. Loosen the set screw in the set collar above the crossbar and below the crossbar.
3. Place a 1/32" (1 mm) gauge (thickness of a dime) under the base of the agitator shaft to adjust clearance between the kettle cook surface and the shaft; reference image shown. Once adjusted, re-tighten the set screw in the set collar **above** the crossbar to secure shaft in place.
4. Adjust clearance between the bottom of the crossbar and the **lower** set collar to 1/32" (1 mm) (thickness of a dime); reference image shown. Once adjusted, re-tighten set screw to secure in place.
5. To check for proper adjustment, make sure the stir rod is parallel to the kettle cook surface (it should be close - but not touching).
6. Spin the agitator shaft by hand to ensure it spins freely and is not dragging the bottom of the kettle.











—THE FOLLOWING SECTIONS ARE FOR QUALIFIED SERVICE PERSONNEL ONLY—

MAINTENANCE INSTRUCTIONS

	 DANGER
	<p>Machine must be properly grounded to prevent electrical shock to personnel. Failure to do so could result in serious injury, or death. Make sure all machine switches are in the OFF position before plugging the equipment into the receptacle. Keep cord and plug off the ground and away from moisture. Always unplug the equipment before cleaning or servicing. DO NOT immerse any part of this equipment in water. DO NOT use a water jet or excessive water when cleaning.</p> <p>008_012221</p>

	 DANGER
	<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. NEVER make alterations to this equipment. Read the Installation, Operating, and Maintenance Instructions thoroughly before installing, servicing, or operating this equipment.</p> <p>014_020416</p>

	 WARNING
	<p>No user serviceable parts inside. Refer servicing to qualified service personnel.</p> <p>011_051514</p>

	 CAUTION
	<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>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:

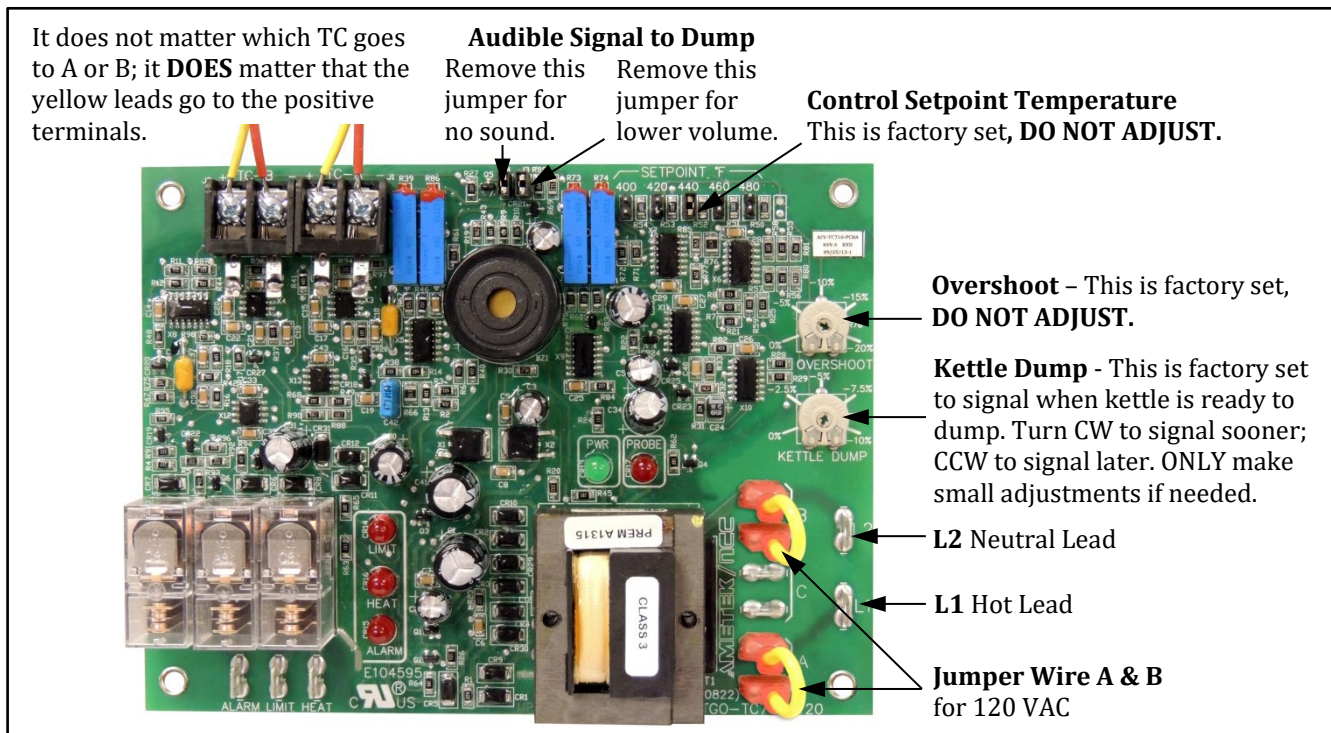
- Load the corn and oil **or**
- Dump the popped corn from the kettle **or**
- Turn OFF the Kettle Heat Switch if you are finished popping corn.

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:

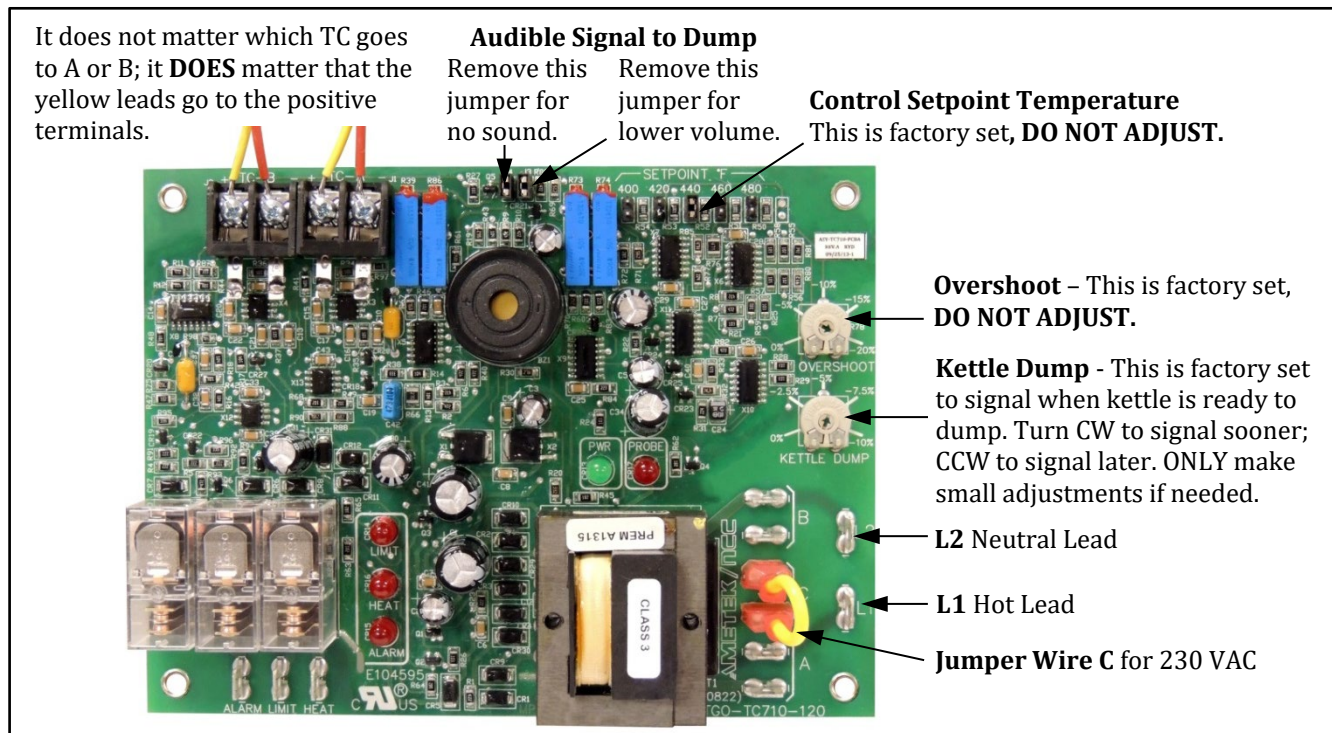
- Load the corn and oil **or**
- Dump the popped corn from the kettle **or**
- Turn OFF the Kettle Heat Switch if you are finished popping corn.

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:

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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.





ORDERING SPARE PARTS

1. Identify the needed part by checking it against the photos, illustrations, and/or parts list. (General images may be used in manual for reference only.)
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:

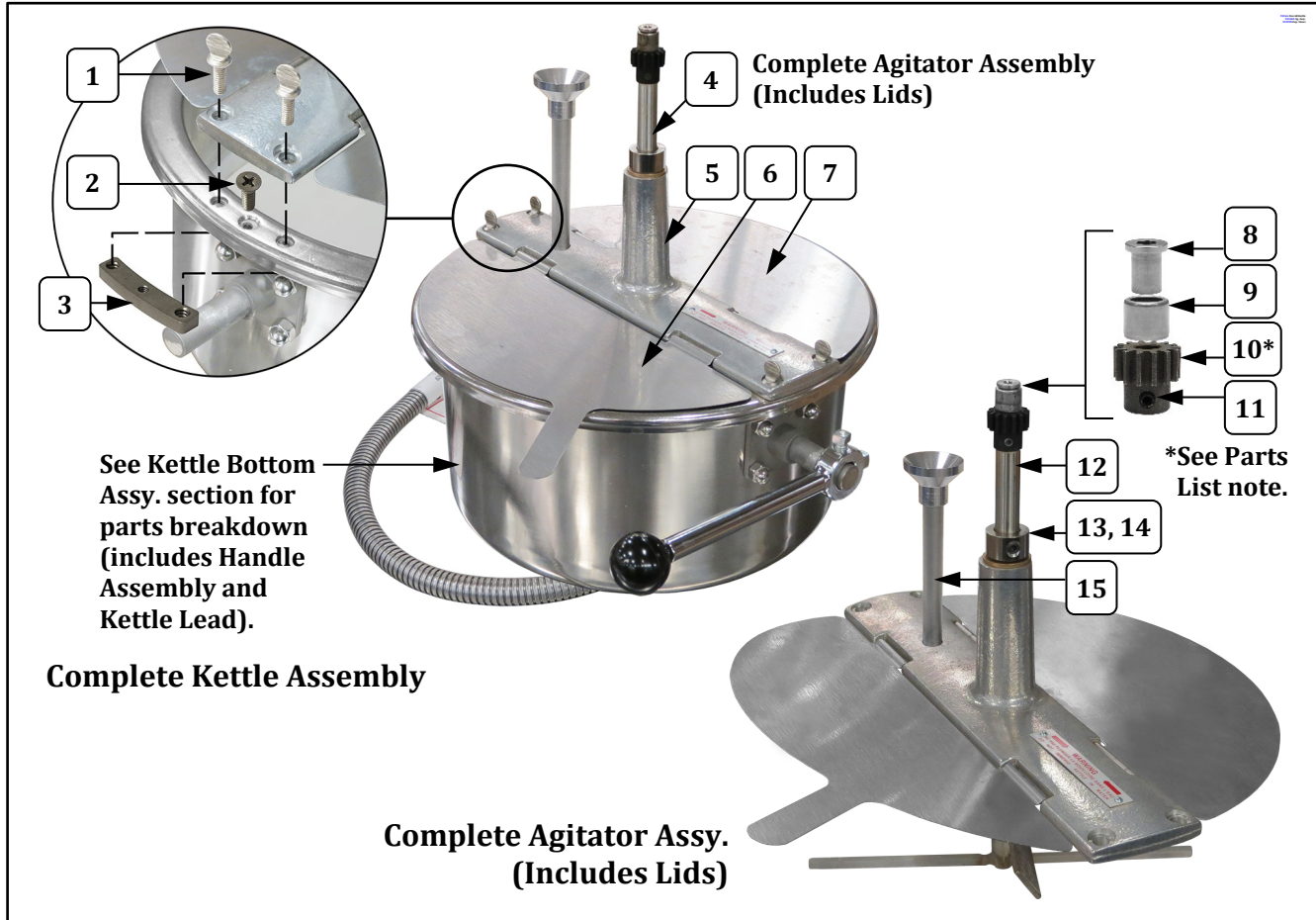
Phone: (800) 543-0862
(513) 769-7676

Fax: (800) 542-1496
(513) 769-8500

E-mail: info@gmpopcorn.com
Web Page: gmpopcorn.com



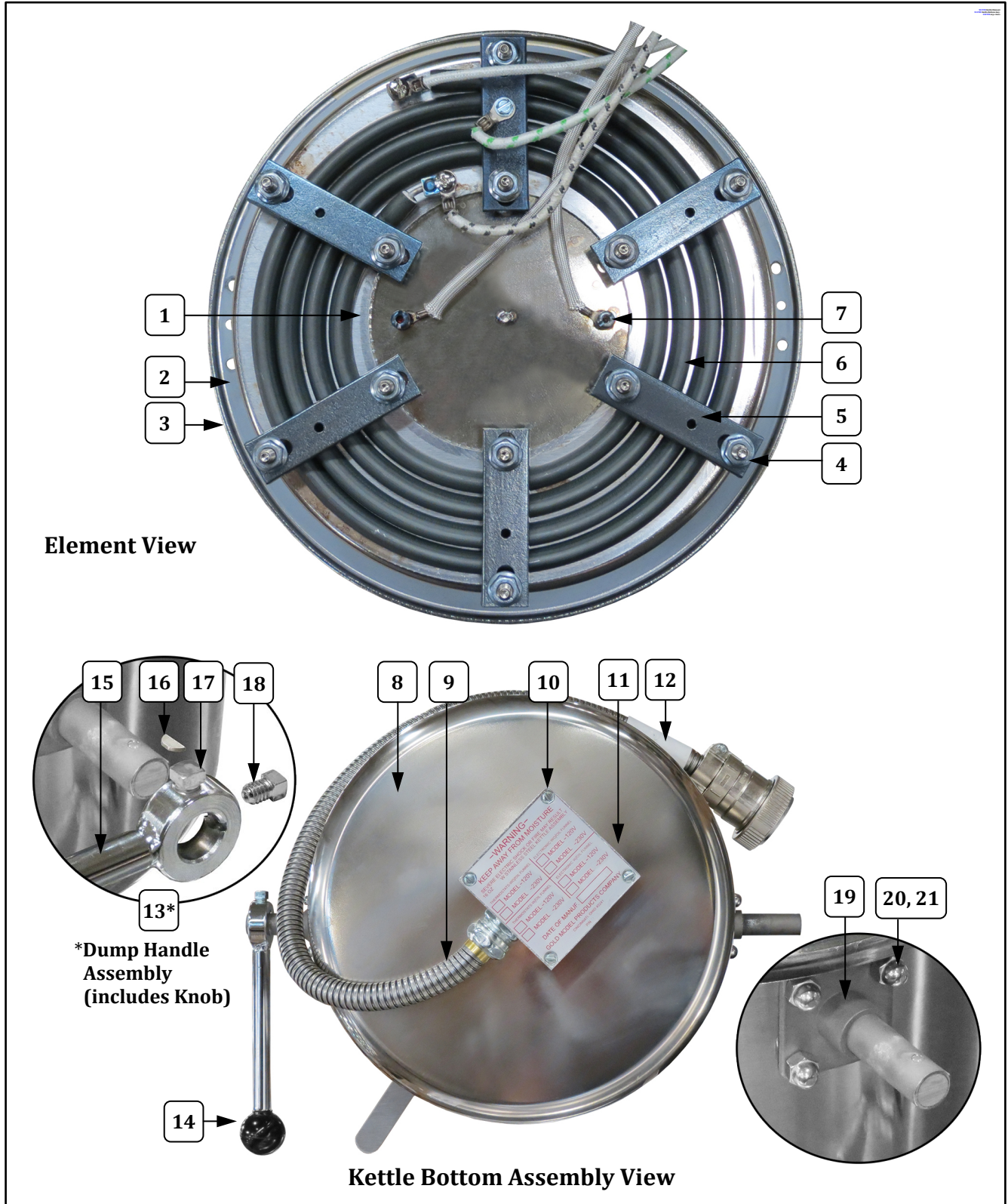
16 oz. Kettle Assembly (55166E, 55166XE) – Agitator Assy. View



Item	Part Description	Part Number
		55166E, 55166XE
1	THUMB SCREW 1/4-20 X 3/4	38379
2	10-32 X 1/2 PH FL HD MS	40717
3	THREADED BLOCK	61167
4	LID & AGITATOR ASSEMBLY (Complete Assy.)	41066
5	CROSSBAR ASSEMBLY	41086
6	FRONT LID	41123
7	REAR LID	41120
8	AGITATOR BEARING HUB	43434
9	NEEDLE BEARING	47106
10*	SPUR GEAR KIT (Includes 2 gears with set screws. Always replace Agitator Spur Gear and Kettle Drive Motor Gear as a set.)	47059K
11	10-32 X 3/16 SET SCREW	41742
12	AGITATOR SHAFT ASSEMBLY	41093
13	1/2 ID X 7/8 OD SET COLLAR	47326
14	1/4-20 X 3/16 SET SCREW	47751
15	OIL TUBE W/ FUNNEL	41239



16 oz. Kettle Assembly (55166E, 55166XE) – Kettle Bottom

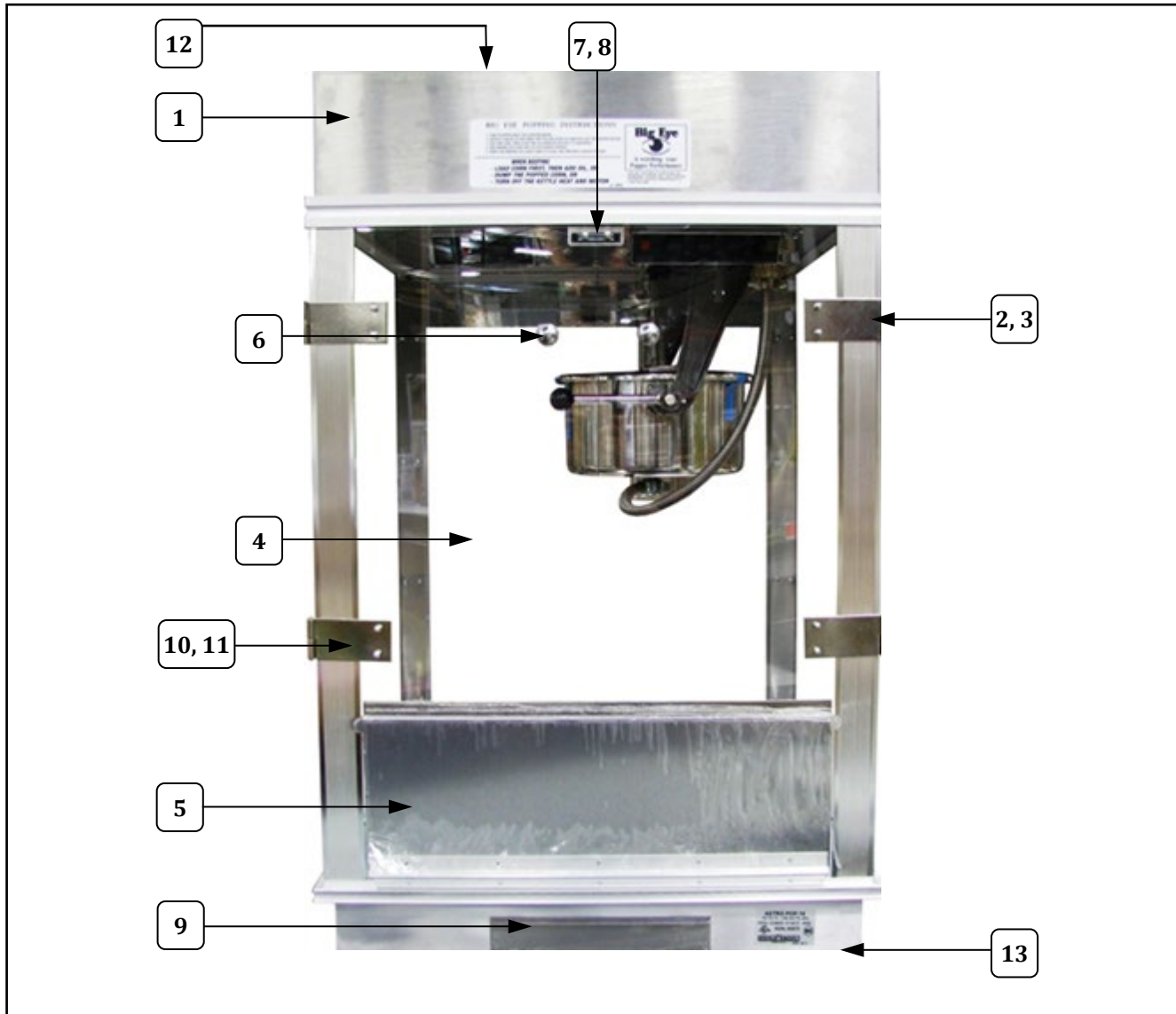




16 oz. Kettle Assembly (55166E, 55166XE) – Kettle Bottom – Parts List

Item	Part Description	Part Number	
		55166E	55166XE
	16OZ KETTLE BOTTOM ASSY (Complete Assy.)	55201	55201EX
1	HEAT TRANSFER PLATE (beneath heat element)	67890	67890
2	KETTLE GASKET	41598	41598
3	KETTLE WELDMENT	67892	67892
4	¼ - 20 SERRATED LOCK NUT	46311	46311
5	ELEMENT CLAMP (6 required)	67894	67894
6	1550 TUBULAR HEAT ELEMENT	67014	67014EX
7	8-32 TOP LOCK NUT	67943	67943
8	KETTLE SHELL ASSEMBLY (has Pivot Pins attached)	41081	41081
9	KETTLE LEAD ASSEMBLY	55176	55176
10	8-32 x 3/8 SLT HWHW M/S (fastens Nameplate to Jct. Box, and fastens Jct. Box to Kettle)	42044	42044
11	JUNCTION BOX	47393	47393
12	KETTLE CONDUIT LABEL	82840	82840
13	DUMP HANDLE ASSEMBLY (assembly includes Handle, Knob, 2 SQ HD Screws, and Key)	47102	47102
14	DUMP HANDLE KNOB	47110	47110
15	DUMP HANDLE	47707	47707
16	3 1/8 X ½ WOODRUFF KEY	41730	41730
17	5/16 - 18 X ½ SQ HD SCREW	47725	47725
18	5/16 - 18 X 3/8 SQ HD SCREW (holds key)	47662	47662
19	PIVOT PIN	41426	41426
20	1/4-20 ACORN NUT	42229	42229
21	1/4-20 X 3/8 BUTTON HEAD	12492	12492

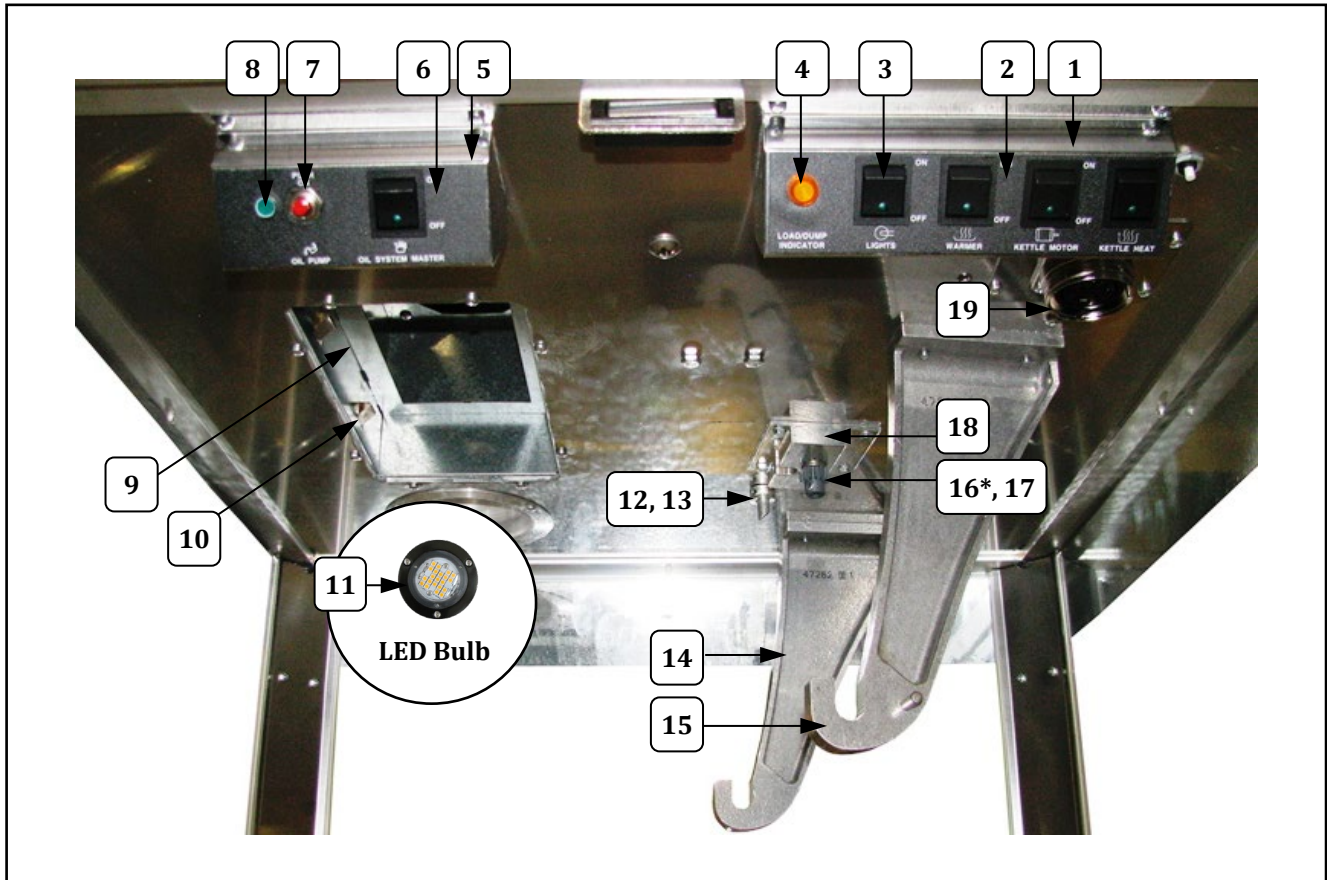
Cabinet Exterior



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



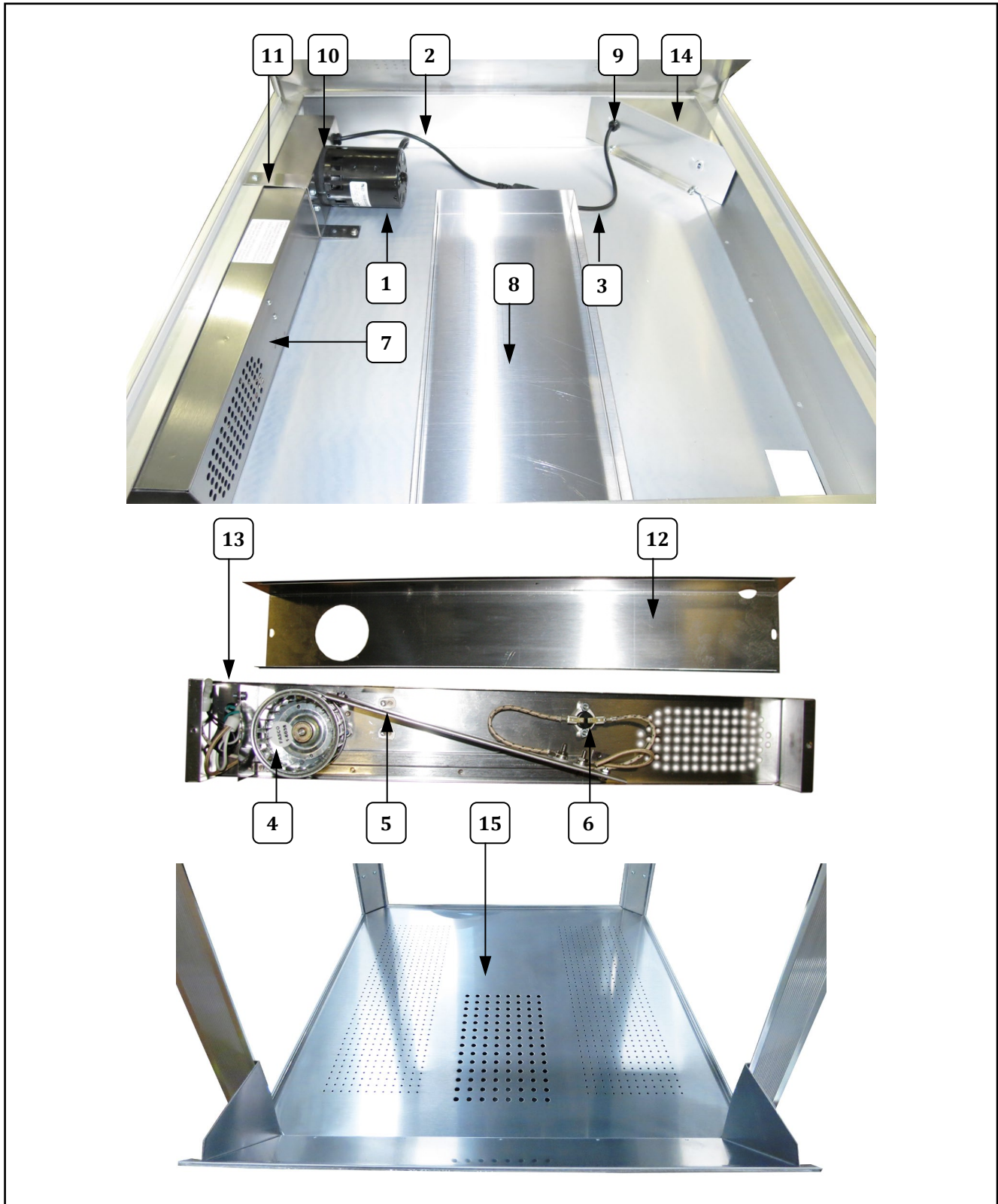
Cabinet Interior – Hanger Assembly



Item	Part Description	Part Number	
		55166E	55166XE
1	5 HOLE SWITCH BOX	17450	17450
2	ROCKER SWITCH LABEL, 5 PN	48542	48542
3	SWITCH, LIGHTED ROCKER GR	42798	42798
4	PILOT LIGHT, AMBER	55039	55039EX
5	ROCKER PUSH BUTTON BOX	17451	17451
6	ROCKER & BUTTON OIL LABEL	48496	48496
7	SWITCH OIL PUMP	41031	41031
8	PILOT LIGHT, GREEN	48660	48660EX
9	BOX FILTER (not shown)	69850	69850
10	FILTER SPRING CLIPS	62666	62666
11	LED REPLACEMENT NO PLATE	100544	100544
12	SET COLLAR	47225	47225
13	SET SCREW	47226	47226
14	HANGER ARM FRONT	47262	47262
15	HANGER ARM REAR	47228	47228
16*	SPUR GEAR KIT (Includes 2 gears with set screws. Always replace Agitator Spur Gear and Kettle Drive Motor Gear as a set.)	47059K	47059K
17	10-32" X 3/16" SET SCREW	41742	41742
18	GEAR BLOCK ASSEMBLY	67194	67194
19	RECEPTACLE ASSY	62306	62306EX



Corn Pan and Blower Assembly – Parts Breakdown



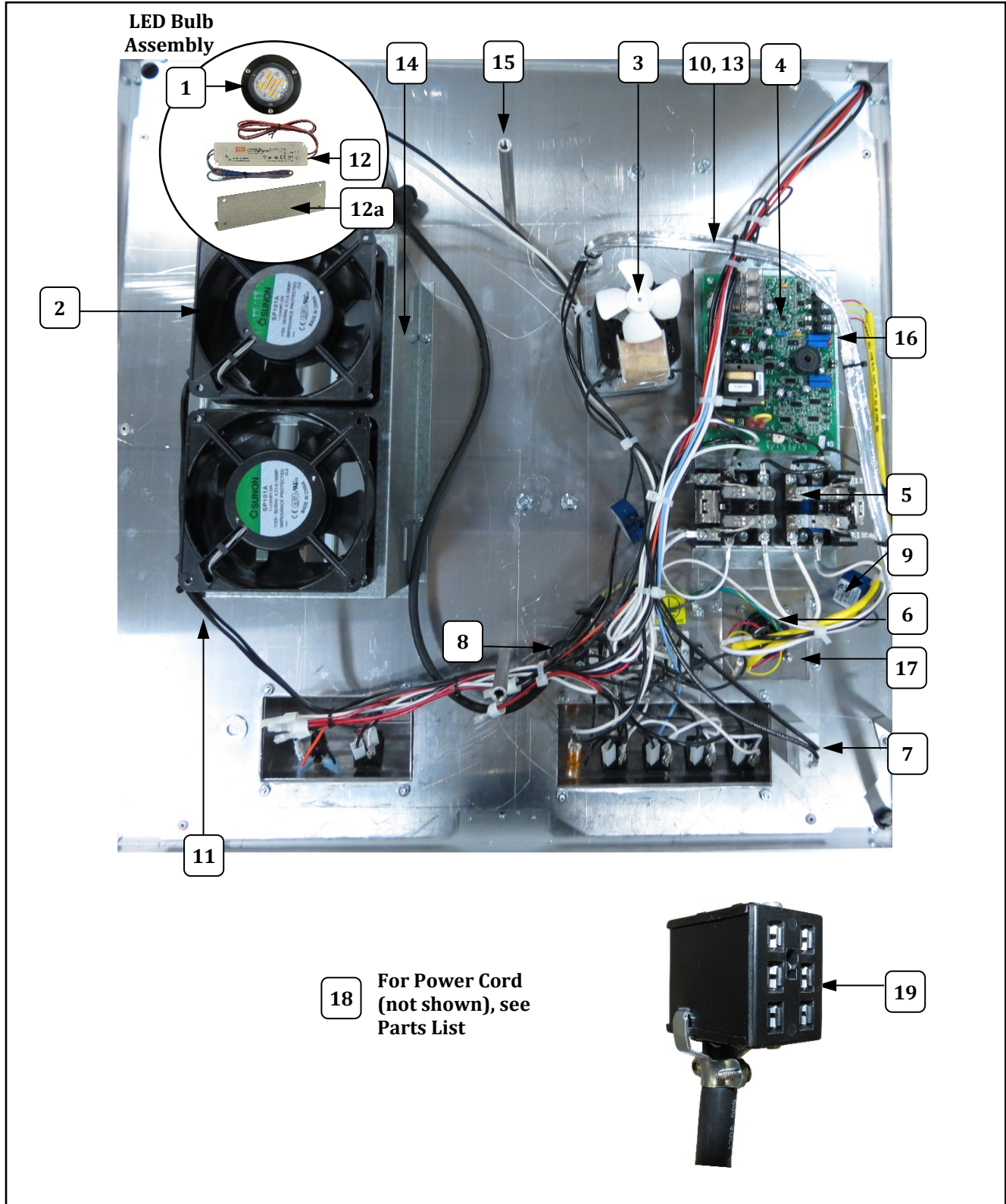


Corn Pan and Blower Assembly – Parts List

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	2
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
1	100544	ALL	LED REPLACEMENT NO PLATE
2	48018	2023E	120V 60CY EXHAUST BLOWER
	48037	2023XE-XEN	220V 50CY EXHAUST BLOWER
3	47038	2023E	120V KETTLE DRIVE MOTOR
	47067	2023XE-XEN	230V KETTLE DRIVE MOTOR
4	41001	ALL	TEMPERATURE CONTROL
5	55219	2023E	30A DPST 120V RELAY
	55219EX	2023XE-XEN	RELAY, 30A DPST 240V
6	62306	2023E	KETTLE RECEPTACLE ASSEMBLY
	62306EX	2023XE-XEN	RECEPTACLE ASSY
7	47364	2023E	15A CIRCUIT BREAKER
	48659	2023XE-XEN	10A CIRCUIT BREAKER
8	47208	ALL	TERMINAL BLOCK
9	89087	ALL	240VAC TRANSIENT FILTER
10	41640	2023E	8W 120V FOIL ELEMENT
	41640EX	2023XE-XEN	8W 230V FOIL ELEMENT
11	47199	ALL	BLOWER PLUG AND CORD
12	55586	ALL	POWER SUPPLY 24VDC 60W
12a	55624	ALL	60W POWER SUPPLY BRACKET
13	41047	ALL	OIL LINE TUBING
14	67841	ALL	EXHAUST BLOWER BOX
15	41526	ALL	DOMES SPACER
16	67842	ALL	TEMPERATURE CONTROL MOUNT PLATE
17	77475	ALL	MOUNT PLATE
18	47601	2023E	POWER SUPPLY CORD
	42369	2023XE-XEN	EXPORT POWER SUPPLY CORD
19	41499	ALL	WIRE HARNESS OIL PUMP
20	47026	2023E	STRAIN RELIEF (Not Shown)
	41735	2023XE-XEN	STRAIN RELIEF (Not Shown)
21	47290	2023E	POWER SUPPLY RECPT (Not Shown)
22	47377	2023E	POWER SUPPLY RECPT COVER (Not Shown)

Lighting Assembly – Parts Breakdown





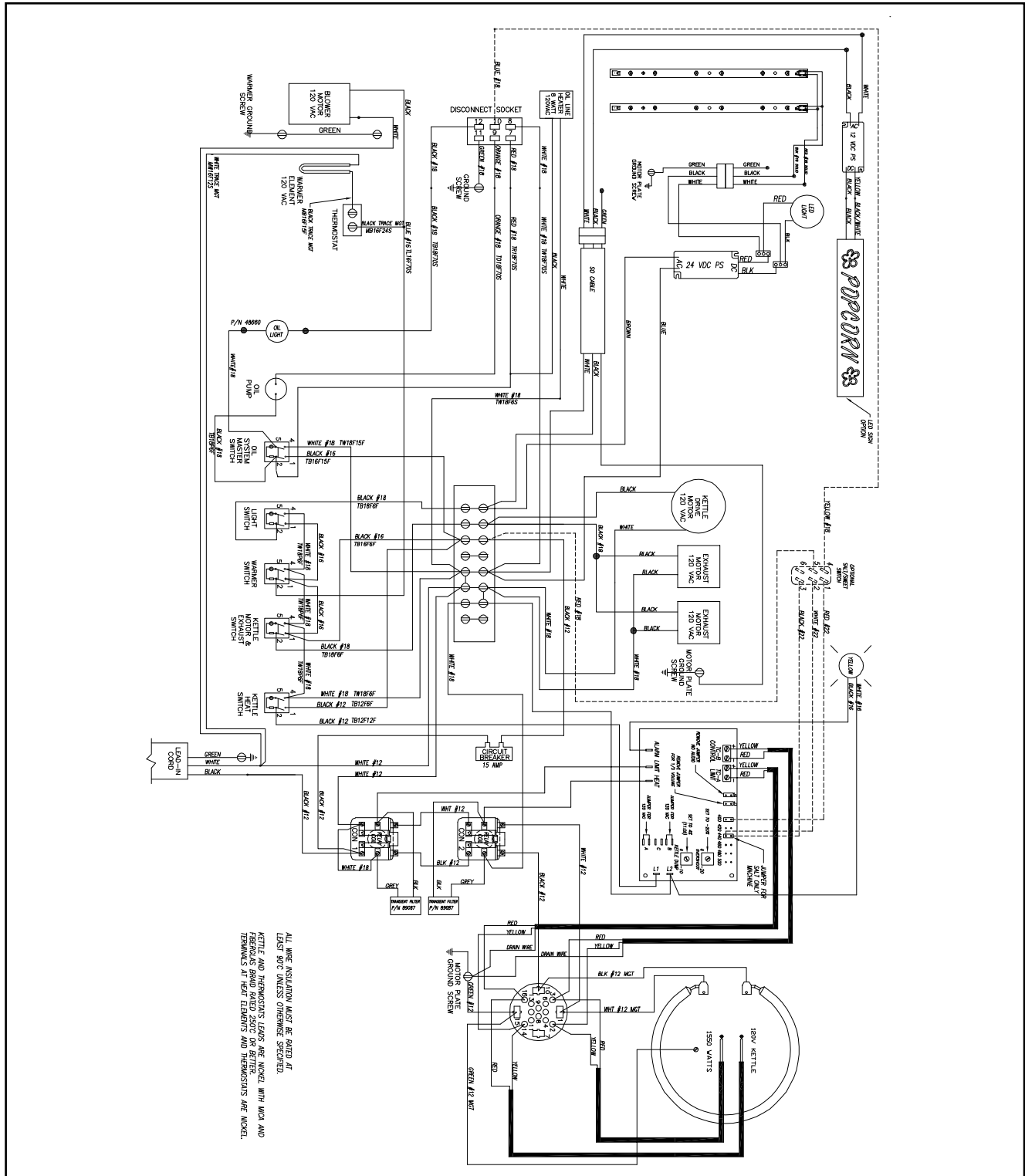
Lighting Assembly – Parts List

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

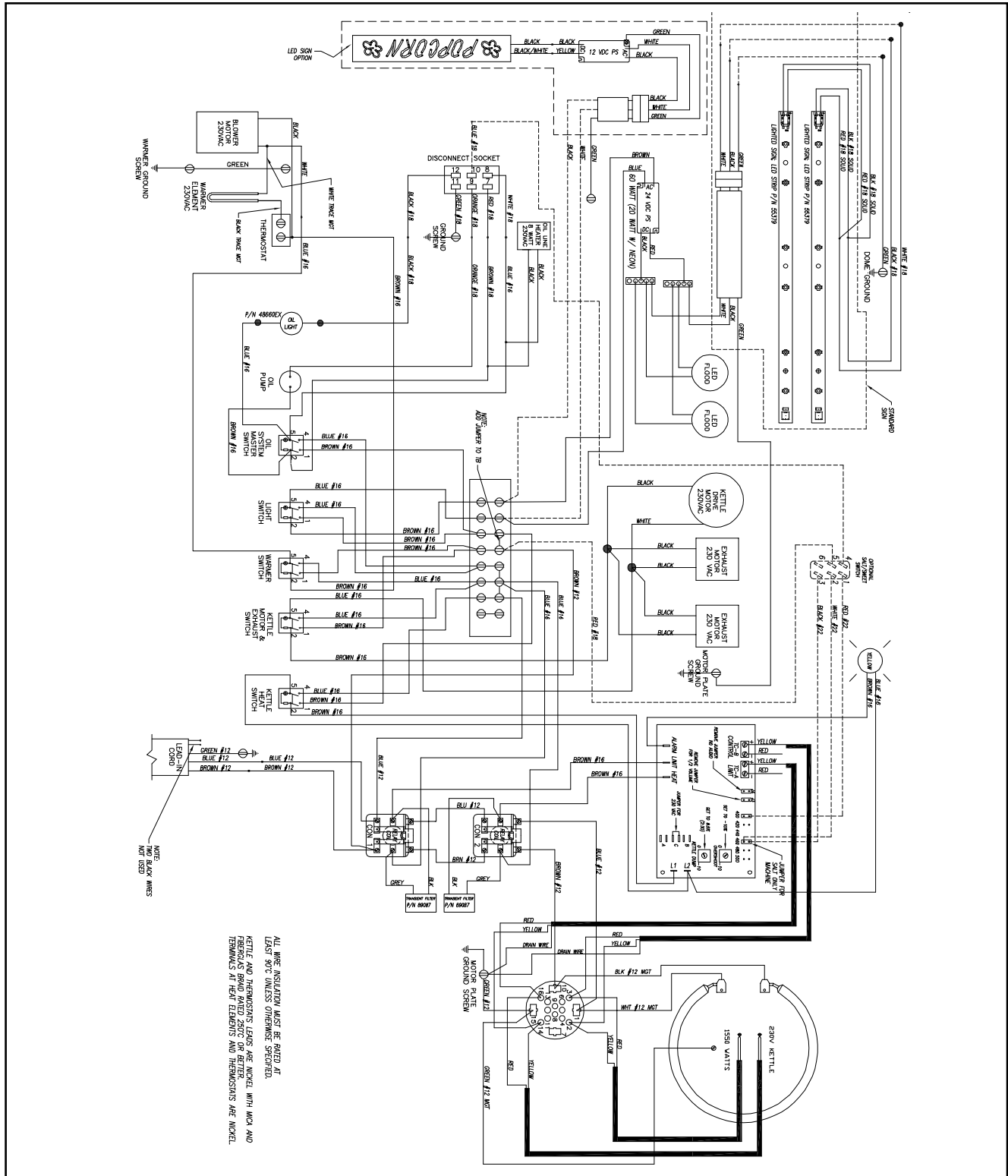
Model 2023E





WIRING DIAGRAM

Model 2023XE, 2023XEN





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.



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