

# P-60 / 60 Special

## Instruction Manual

Model No.1866, 1866XJ, 2085, 2086, 2656, 2656KC



1866, 1866XJ, 2086



2085, 2656

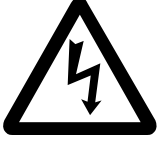
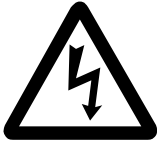






2656KC

 **GOLD MEDAL**®  
**FUNFOOD EQUIPMENT AND SUPPLIES**

Cincinnati, OH 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.            Do NOT immerse any part of this equipment in water.            Do NOT use excessive water when cleaning.            Keep cord and plug off the ground and away from moisture.            Always unplug the equipment before cleaning or servicing.</p> <p style="text-align: right;">008GEND1112</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. NEVER make alterations to this equipment. Read the Installation, Operating, and Maintenance Instructions thoroughly before installing, servicing, or operating this equipment.            Make sure all machine switches are in the OFF position before plugging the equipment into the receptacle.</p> <p style="text-align: right;">014GEND1112</p>
	<b>⚠ WARNING</b>
	<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;">013PW1112</p>
	<b>⚠ WARNING</b>
	<p>ALWAYS wear safety glasses when servicing this equipment.</p> <p style="text-align: right;">010GENW1112</p>
	<b>⚠ CAUTION</b>
	<p>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.</p> <p style="text-align: right;">012GENC1112</p>
	<b>⚠ CAUTION</b>
	<p>This machine is NOT to be operated by minors.</p> <p style="text-align: right;">007GENC0413</p>

**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 INSTRUCTIONS

## INSPECTION OF 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.

## SETUP

Your new Popper was assembled and tested at the factory. Remove all packing material and tape before starting operation.

## ELECTRICAL REQUIREMENTS

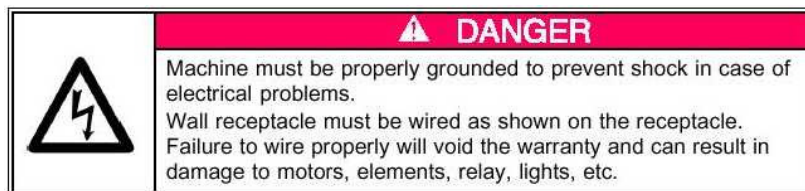
**Models 1866, 2086, 2085:** 120V, 60Hz, 1220W

**Models 2656, 2656KC:** 120V, 60Hz, 1300W

**Model 1866XJ:** 100V, 50/60Hz, 1220W

Your electrician must furnish sufficient power for proper machine operation. We recommend this popper 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 Company's recommendation that this machine be plugged directly into a wall outlet. The use of extension cords is not recommended. This may cause sacrificed and/or reduced performance and can become a safety hazard.



## BEFORE YOU PLUG IN THE MACHINE

1. Make sure the wall outlet can accept the grounded plugs (where applicable) on the power supply cord.
2. The wall outlet must have the proper polarity. If in doubt, have a competent electrician inspect the outlet and correct if necessary.
3. **DO NOT** use a grounded to un-grounded receptacle adapter.

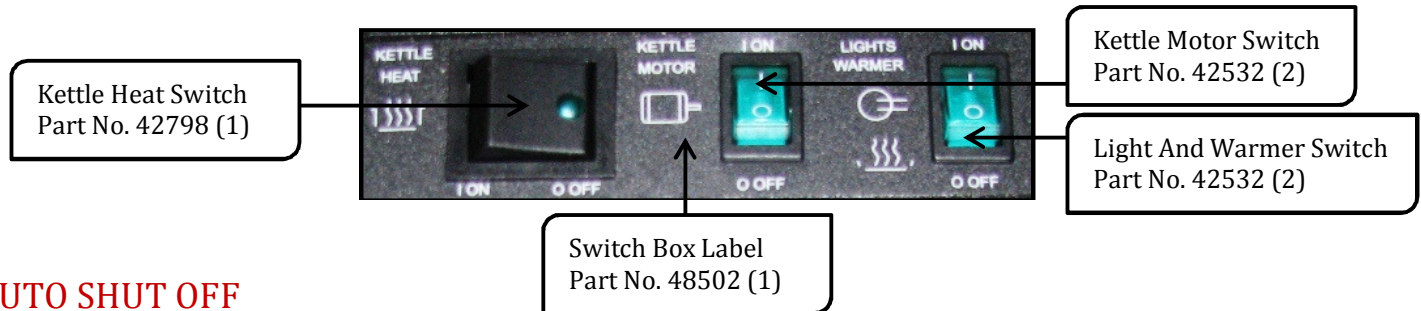
# OPERATING INSTRUCTIONS

## CONTROLS AND THEIR FUNCTIONS

LIGHT AND WARMER SWITCH: Turns on the heat to the bottom corn pan and heat light.

KETTLE MOTOR SWITCH: Turns on the motor which drives the kettle agitator.

KETTLE HEAT SWITCH: Supplies power to the thermostat controlled kettle



## AUTO SHUT OFF

The 1866 and 2656 Models are equipped with an auto shut-off mechanism. If the kettle heat is on with no product popping for fifteen minutes, the auto shut-off will turn off the kettle heat element and the kettle heat switch will flash. To pop a new batch of corn, cycle the kettle heat switch off and then back on.

## AMOUNT OF POPCORN AND OIL

Your new Popper is equipped with a 6 oz corn measuring cup (Part No. 49049).

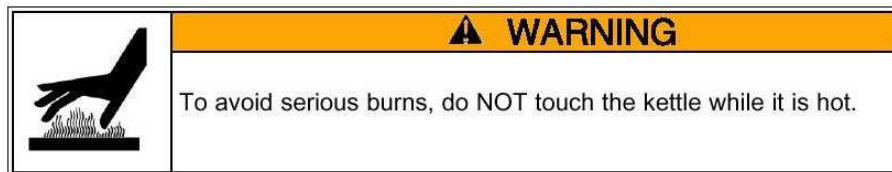
Corn charge – 6 oz.

Oil charge – 1.6 to 2.0 oz.

Flavacol – 1 teaspoon

## POPPING INSTRUCTIONS

1. Turn *Kettle Heat* and *Kettle Motor* switch on.
2. Make a test pop by putting 3 kernels of corn and 1 oz. (30 ml) of oil into the kettle.
3. When the 3 kernels have popped, load the kettle with corn and oil charge.
4. When corn has popped, dump the kettle.
5. Repeat cycle starting with step number 3 above; always pop 3-5 batches for best popcorn.



## CARE AND CLEANING

### KETTLE

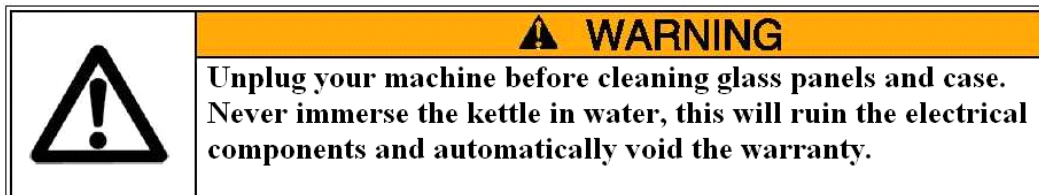
1. Each time you finish a series of popping, allow the kettle to cool down and wipe the outside of the kettle with a soft cloth to remove any oil drippings left behind.
2. After you finish popping for the day, allow the kettle to cool until it is not too hot to handle, but still warm.
3. Unplug the kettle and remove it from the machine.
4. With a cloth, wipe out the inside of the kettle, kettle lid, crossbar, outside and underneath of the kettle.

**NOTE: DO NOT** place the kettle in water. This will cause damage to the electrical components and will void your warranty.

### CABINET

Cleaning the cabinet of your machine is easy. Take a clean cloth and wipe excess grease from the glass. Wipe the outside of the machine also.

**NOTE:** Never use a glass or plastic cleaner that contains ammonia. It will crack the plastic on the machine.



# MAINTENANCE INSTRUCTIONS



## DANGER

Do NOT immerse the kettle, warmer, or any other part of this 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.





## ORDERING SPARE PARTS

1. Identify the worn or broken part by checking it with the illustrations and parts list.
2. When ordering parts, include part number, part name, and quantity required.
3. Include your model name and machine serial number (found on nameplate) with your order.
4. Address orders to:

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

Or place orders at:

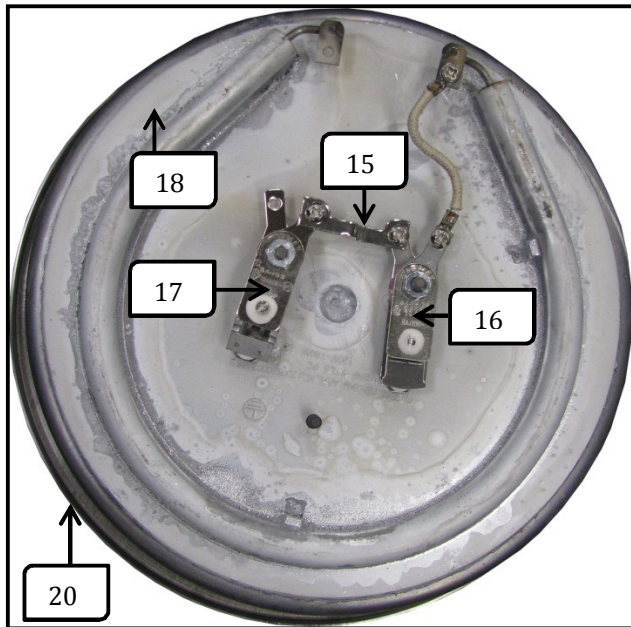
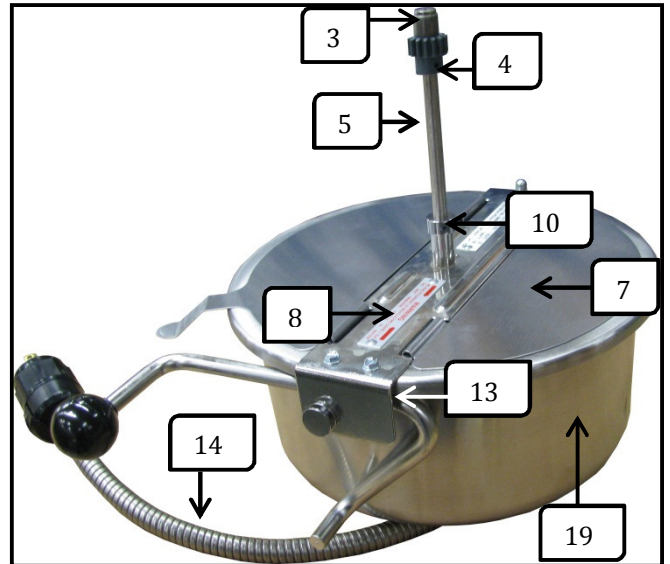
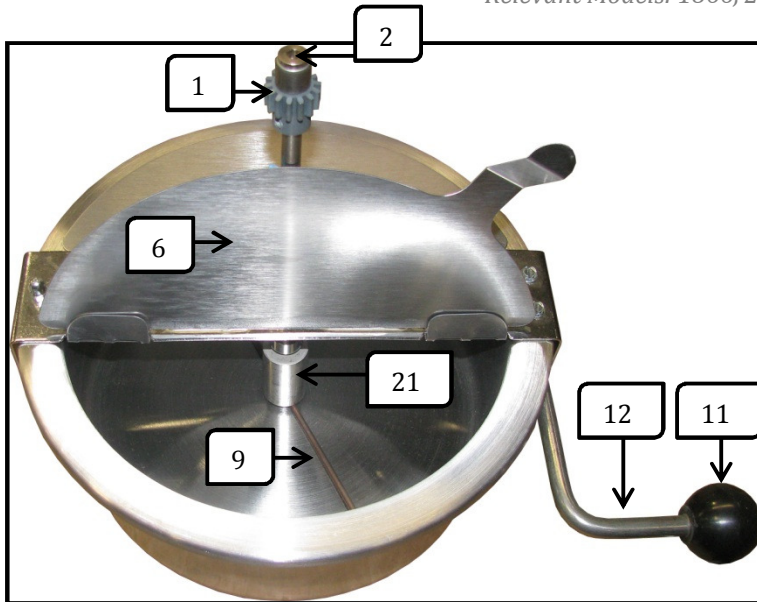
(800) 543-0862  
(513) 769-7676  
Fax: (513) 769-8500  
E-mail: [info@gmpopcorn.com](mailto:info@gmpopcorn.com)  
[www.gmpopcorn.com](http://www.gmpopcorn.com)



# KETTLE BREAKDOWN

Kettle Part No. 56000

Relevant Models: 1866, 2085, 2086, 2656

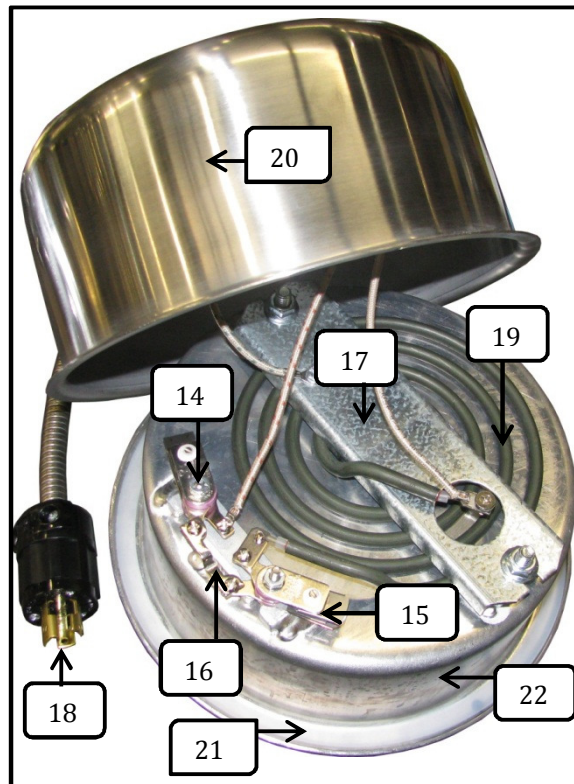
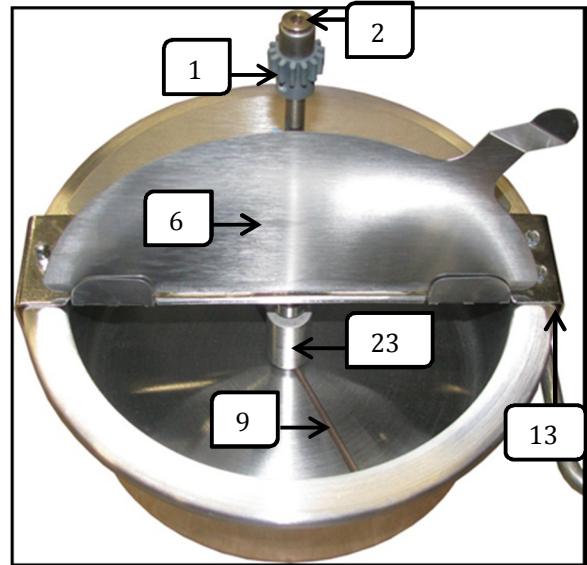
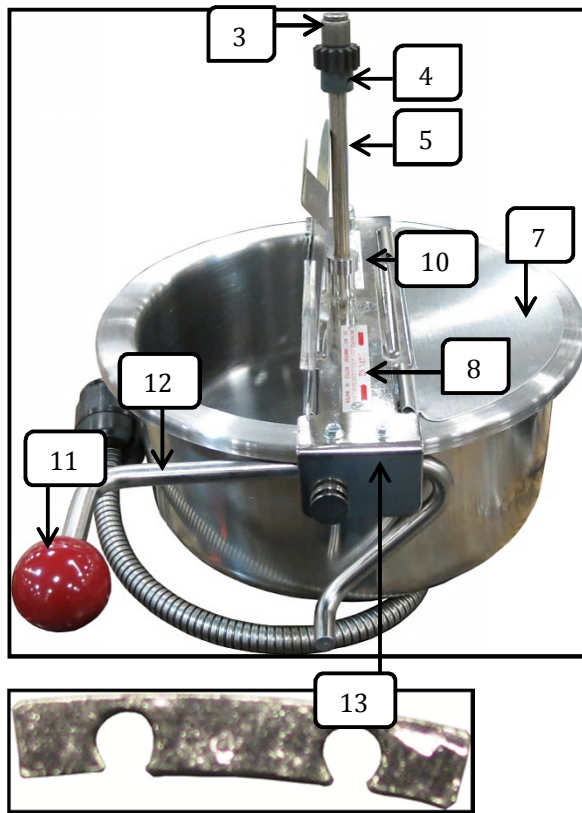


Number	Part No.	Description	Quantity
1	47060	Spur Gear	1
2	43434	Agitator Bearing Hub	1
3	47106	Needle Bearing	1
4	41742	Set Screw	3
5	69710	Agitator Shaft	1
6	49017	Front Lid With Formed Lifter	1
7	49016	Rear Kettle Lid	1
8	59102	Crossbar Assembly	1
9	69714	Stir Rod	1
10	46649	Set Collar	3
11	47110	Knob Dump Handle	1
12	49314	RH Dump Handle	1
13	49362	Spacer Dump Handle	1
14	49328	Kettle Lead Assembly	1
15	47193	Thermostat Shunt Bar	1
16	76702	Thermostat 525°F	1
17	76089	Thermostat 450°F	1
18	56006	Kettle / Heater 780W	1
19	49431	60z Kettle Shell	1
20	49368	Kettle Gasket	1
21	69715	Agitator Weight	1



# KETTLE BREAKDOWN

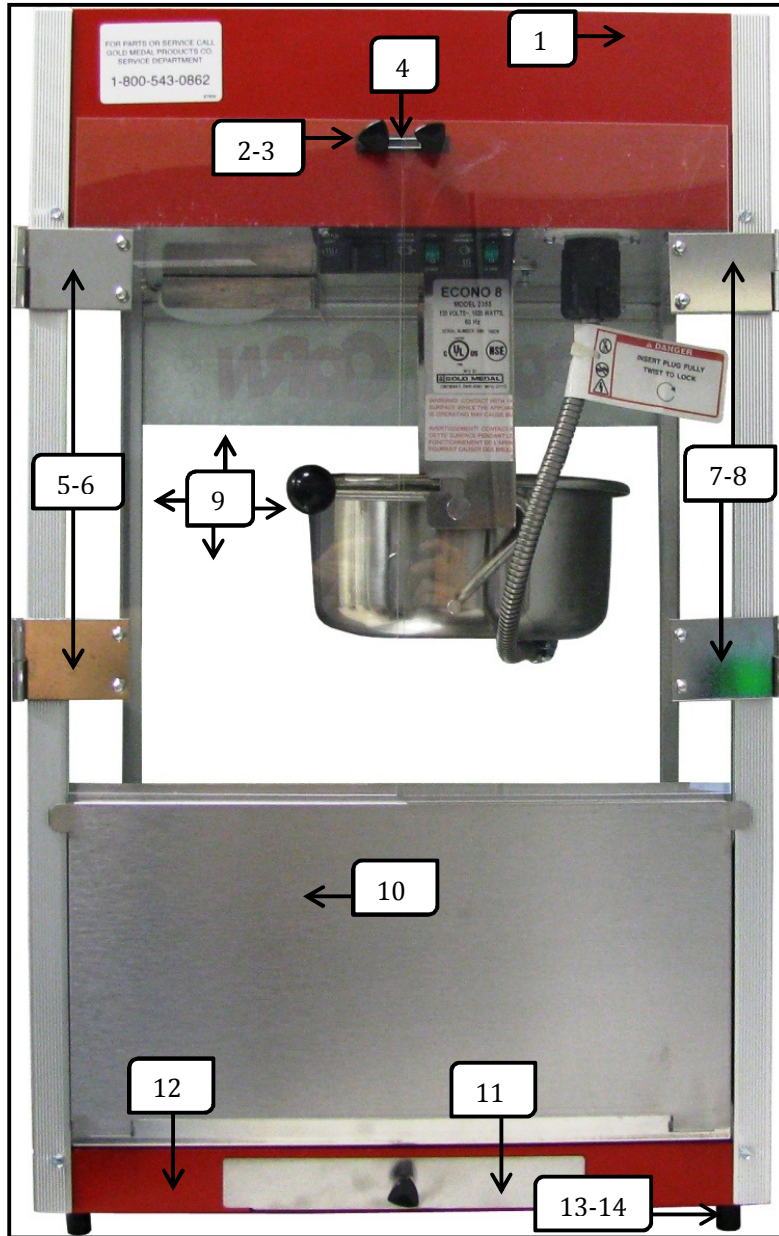
Kettle Part No. 49434KC (Model 2656KC)  
49434XJN (Model 1866XJ)



ITEM	PART NO.	MODEL(S)	PART NAME	QTY.
1	47060	BOTH	Spur Gear	1
2	43434	BOTH	Agitator Bearing Hub	1
3	47106	BOTH	Needle Bearing	1
4	41742	BOTH	Set Screw	4
5	69710	BOTH	Agitator Shaft	1
6	49017	BOTH	Front Lid With Formed Lifter	1
7	49016	BOTH	Rear Kettle Lid	1
8	49471N	2656KC	Crossbar Assembly	1
	49471XJN	1866XJ	Crossbar Assembly	1
9	69714	BOTH	Stir Rod	1
10	46649	BOTH	Set Collar	3
11	47123	2656KC	Knob Dump Handle Red	1
	47110	1866XJ	Knob Dump Handle	1
12	49314	BOTH	RH Dump Handle	1
13	49362	BOTH	Spacer Dump Handle	1
14	76707	2656KC	420°F Thermostat	1
	76089	1866XJ	450°F Thermostat	1
15	76702	BOTH	525°F Thermostat	1
16	47193	BOTH	Thermostat Shunt Bar	1
17	49532	BOTH	Element Clamp	1
18	49328	BOTH	Kettle Lead In Assembly	1
19	46652	2656KC	850W Tubular Element	1
	48739	1866XJ	Tubular Element 850W 100V	1
20	49431	BOTH	Kettle Shell	1
21	49368	BOTH	Kettle Gasket	1
22	49432	2656KC	Kettle Weld Assembly	1
	49596	1866XJ	6oz. Clad Kettle Weld Assy.	1
23	69715	BOTH	Agitator Weight	1

# CABINET BREAKDOWN

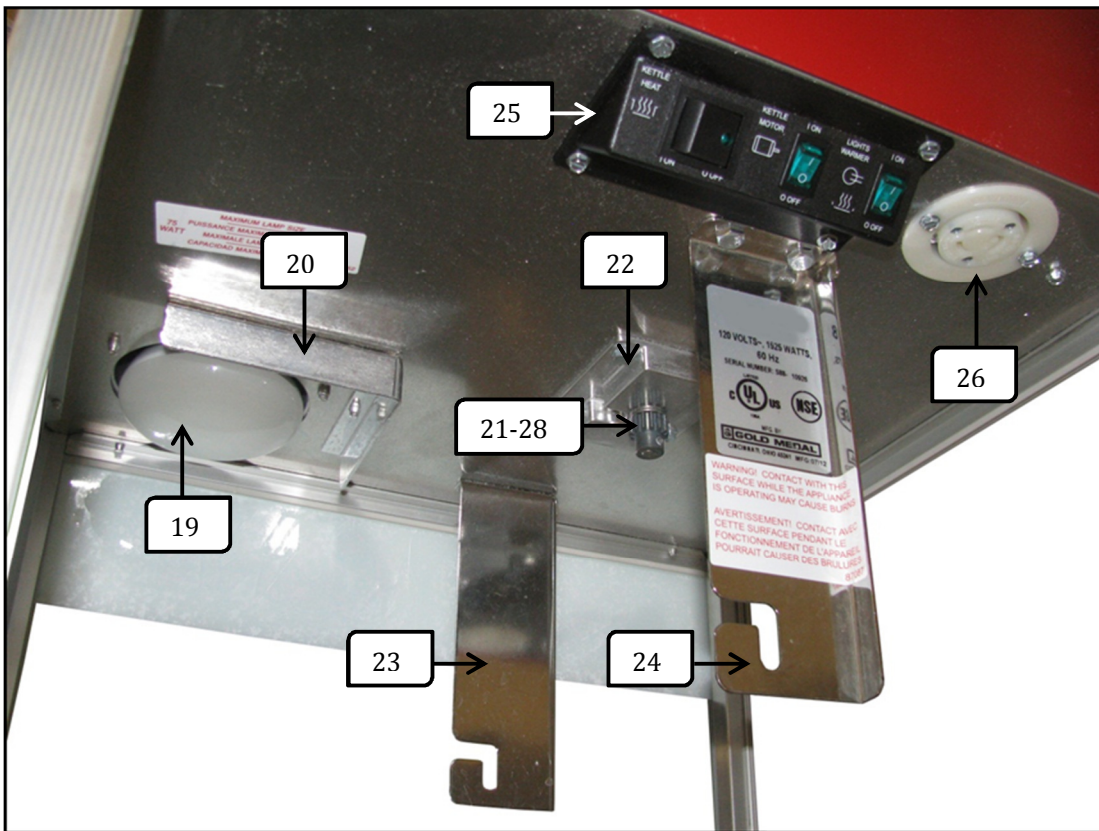
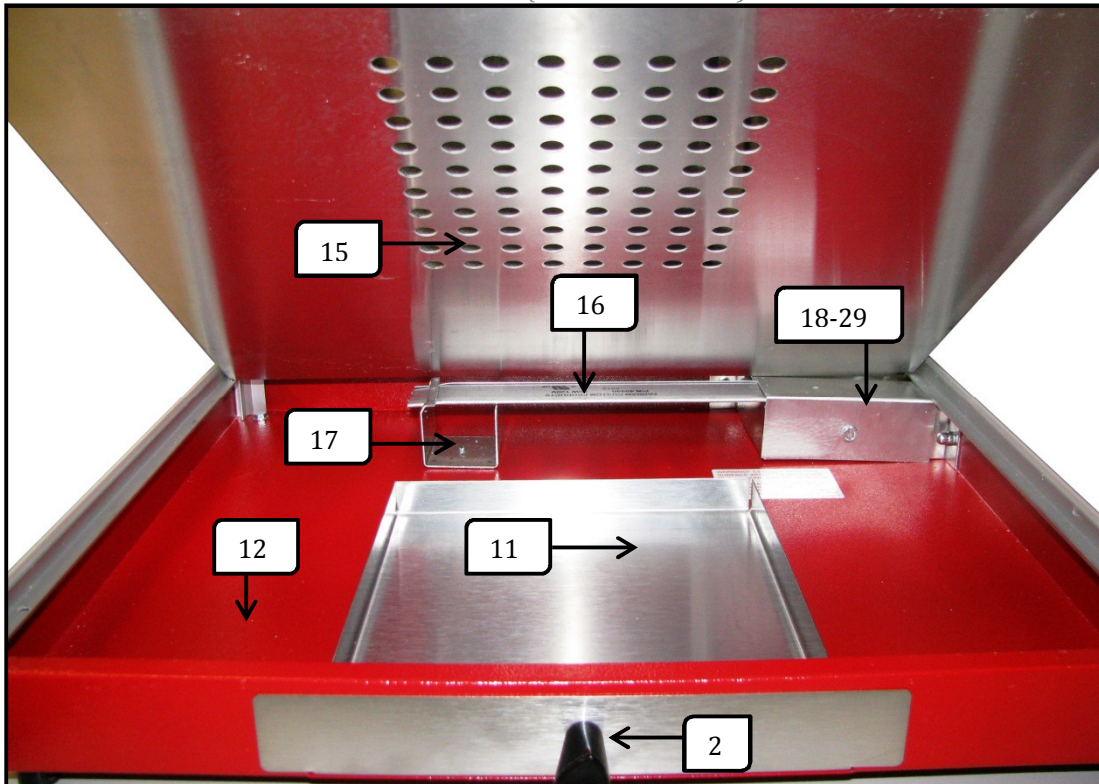
Models No. ALL (2085-2656 Shown)





# CABINET BREAKDOWN

Model No. ALL (2085-2656 Shown)

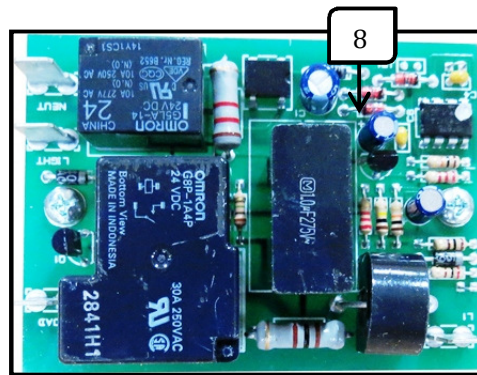
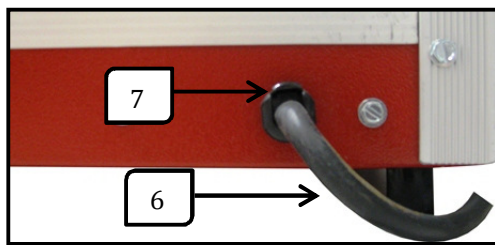
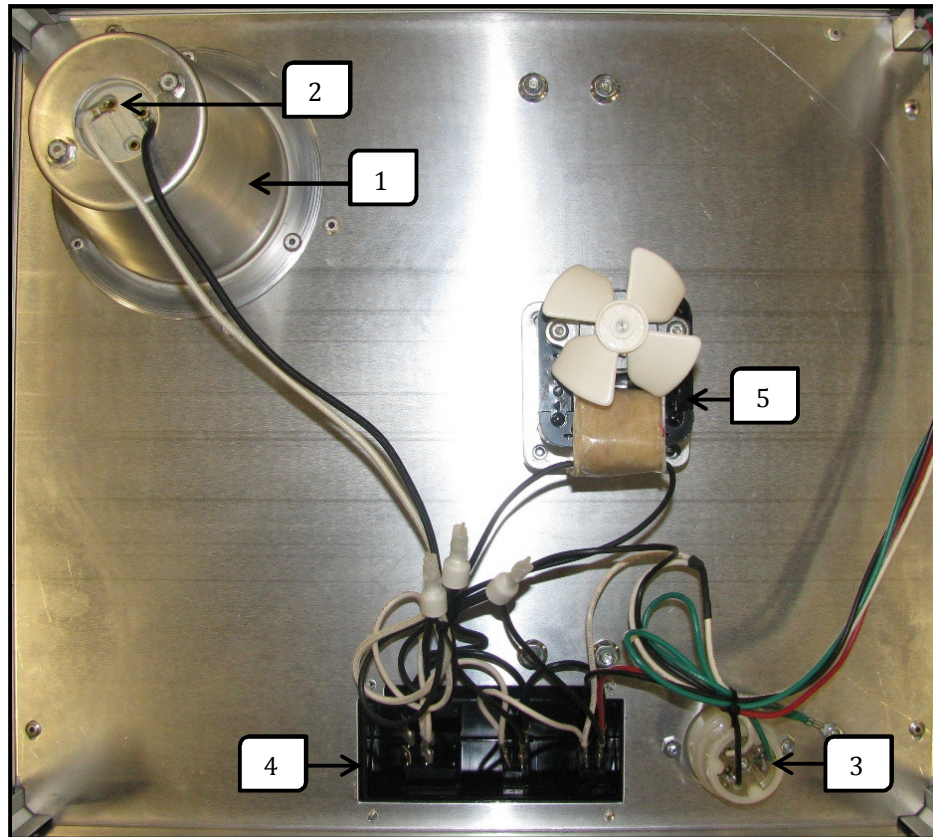


## CABINET BREAKDOWN PARTS LIST

ITEM	PART NO.	MODEL(S)	PART NAME	QTY.
1	49452	2085-2656	Red Top Pan	1
	49587	2656KC	Pappy's Top Pan	1
	49769	2086-1866-1866XJ	Dome 1866/2086	1
2	47120	All	Knob Lid Left	3
3	75267	All	Tee Bolt	2
4	47561	All	Magnetic Catch	1
5	61359	All	LH Female Steel Hinge	2
6	41349	All	Male Hinge Short Left	2
7	61373	All	RH Female Steel Hinge	2
8	41350	All	Male Hinge Short Right	2
9	49395	2086-2656KC-2085	Plexiglass Door	2
	49395HD	2656	Heavy Duty Door	2
10	49145	All	Drop Panel	1
11	49100	All	Old Maid Pan	1
12	49097RD	2085-2656	Base Pan Red	1
	49097	2086-1866XJ	Copper Vein Bottom Pan	1
	49166	2656KC	304-3 Stn Stl Bottom Pan	1
13	49123	All	Crutch Tip	4
14	47328	All	Glide	4
15	49506	All	Bottom Corn Pan	1
16	49440	All	50W Strip Heat Element	1
17	49425	All	Strip Heater Bracket	1
18	49105	All	Corner Cover	1
19	41671	All	65W Refelctor Flood	1
20	47799	1866-2085-2086 2656-2656KC	Light Shield Angle	1
21	47060	All	Spur Gear	1
22	67194NM	All	Gear Block Assembly	1
23	49009	All	Rear Hanger Arm	1
24	49010	All	Front Hanger Arm	1
25	48501	All	Small Switch Box	1
26	49330	All	15A Twst Lc Kettle Recpt	1
27	49158KC	2656KC	Pappy's Glass Decal (See Cover)	1
	77506	2086-1866-1866XJ	Front Glass Decal (See Cover)	1
	49158	2085-2656	Front Glass Decal (See Cover)	1
28	41742	All	Set Screw	1
29	49104	All	Corner Cover	1



# CABINET BREAKDOWN

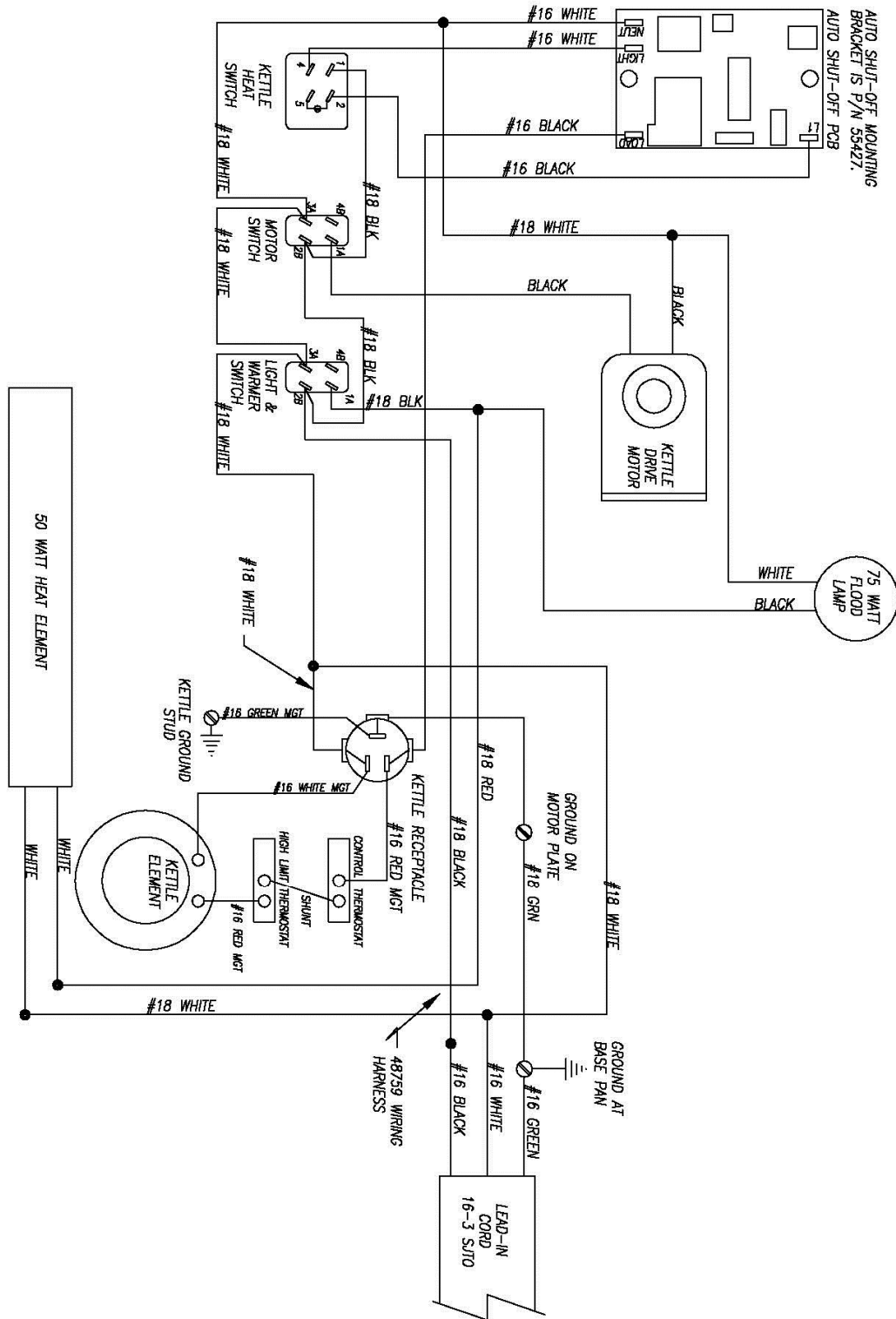


ITEM	PART NO.	MODEL(S)	PART NAME	QTY.
1	49480	All	Light Shield Conical	1
2	47047	All	Lamp Holder	1
3	49330	All	15A TWST LC Kettle Rect	1
4	48501	All	Small Switch Box	1
5	47038	1866-2085-2086- 2656-2656KC	Kettle Drive Motor	1
	47121	1866XJ	Kettle Drive Motor 90V	1
6	22038	All	15A Plug Lead In Cord	1
7	76026	All	Strain Relief	1
8	55402	1866-2656	Auto Kettle Shut Off PCB	1



# WIRING DIAGRAM

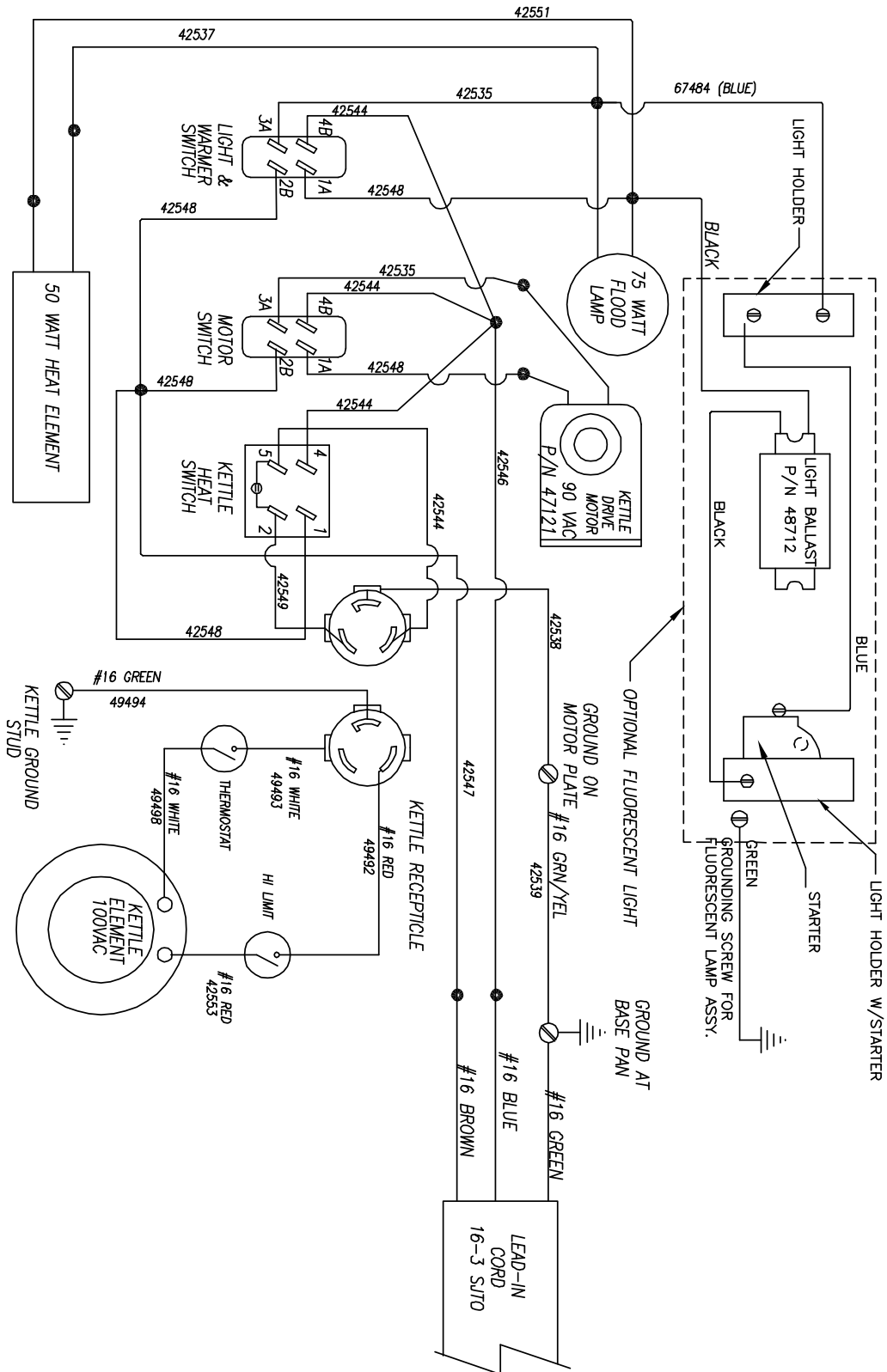
Model No. 1866





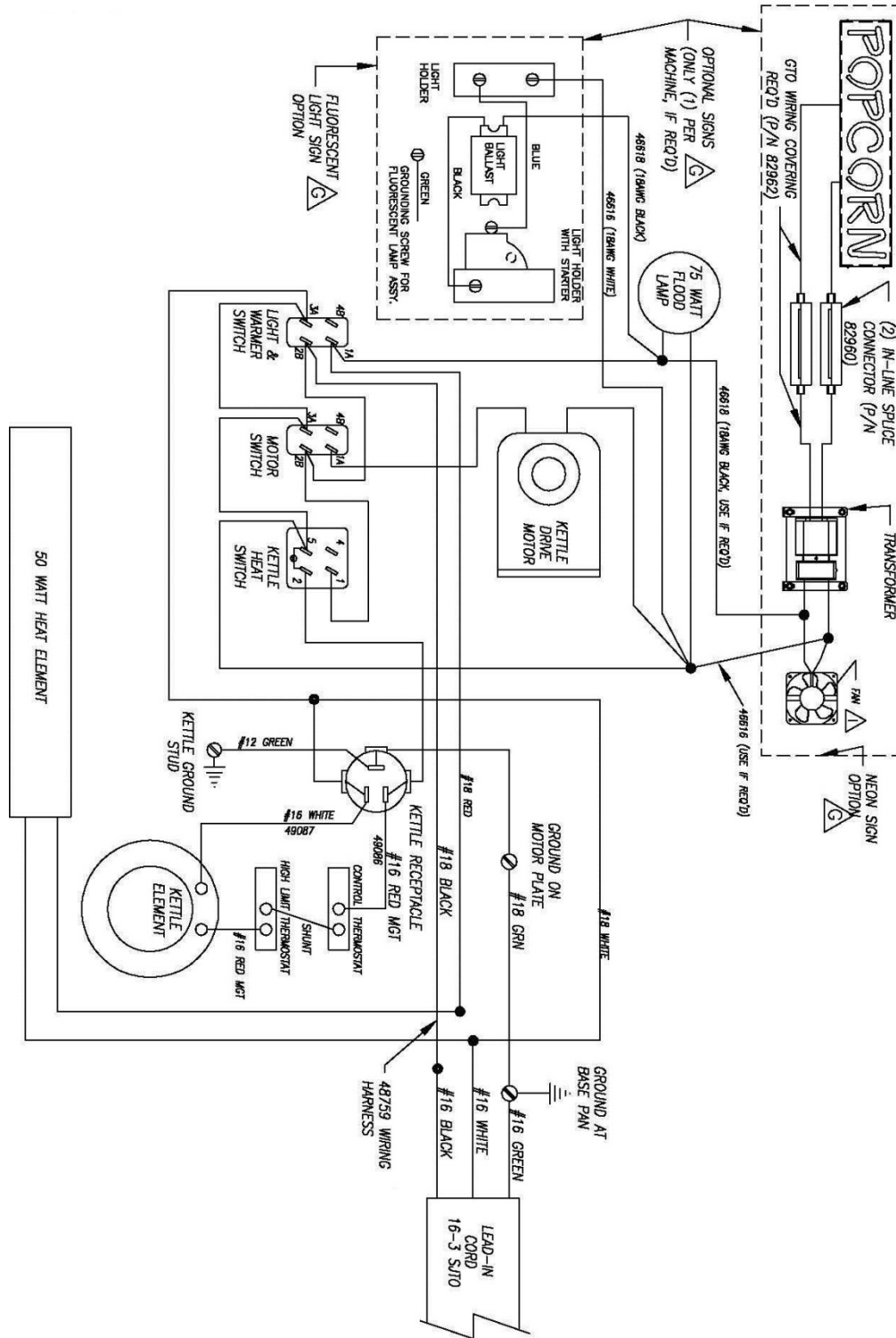
# WIRING DIAGRAM

Model No. 1866XJ



# WIRING DIAGRAM

Model No. 2085-2086





# 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<sup>®</sup> PRODUCTS CO.**

10700 Medallion Drive, Cincinnati, Ohio 45241-4807 USA

[gmpopcorn.com](http://gmpopcorn.com)

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(513) 769-7676              (513) 769-8500

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