

# P-60 / 60 Special

## Instruction Manual

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



1866-2086



2085-2656

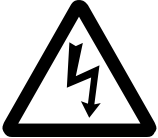







2656KC

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

Cincinnati, OH 45241-4807 USA

## SAFETY PRECAUTIONS

|   |   |
|---|---|
|    | <div style="background-color: red; color: white; text-align: center; padding: 5px;"><b>⚠ DANGER</b></div> <p>Machine must be properly grounded to prevent electrical shock to personnel. Failure to do so could result in serious injury, or death.<br/>Do NOT immerse any part of this equipment in water.<br/>Do NOT use excessive water when cleaning.<br/>Keep cord and plug off the ground and away from moisture.<br/>Always unplug the equipment before cleaning or servicing.</p> <p style="text-align: right;">008GEND1012</p> |
|    | <div style="background-color: orange; color: black; text-align: center; padding: 5px;"><b>⚠ WARNING</b></div> <p>To avoid burns, do NOT touch the kettle or any heated surface.<br/>Do NOT place or leave objects in contact with heated surfaces.<br/><i>(Gold Medal Products Company does not assume any liability for injury due to careless handling and/or reckless operation of this equipment.)</i></p> <p style="text-align: right;">013PW1012</p>  |
|    | <div style="background-color: orange; color: black; text-align: center; padding: 5px;"><b>⚠ WARNING</b></div> <p>ALWAYS wear safety glasses when servicing this equipment.</p> <p style="text-align: right;">010GENW1012</p>  |
|  | <div style="background-color: orange; color: black; text-align: center; padding: 5px;"><b>⚠ WARNING</b></div> <p>Any alterations to this equipment will void the warranty and may cause a dangerous situation. NEVER make alterations to the equipment.<br/>Make sure all machine switches are in the OFF position before plugging the equipment into the receptacle.</p> <p style="text-align: right;">011GENW1012</p>   |
|  | <div style="background-color: yellow; color: black; text-align: center; padding: 5px;"><b>⚠ CAUTION</b></div> <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.<br/>Carefully read all instructions before operation.</p> <p style="text-align: right;">012GENC1012</p>   |
|  | <div style="background-color: yellow; color: black; text-align: center; padding: 5px;"><b>⚠ CAUTION</b></div> <p>This machine is NOT to be operated by minors. Minors are classified as anyone under the age of 18.</p> <p style="text-align: right;">007GENC1012</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.

# 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.

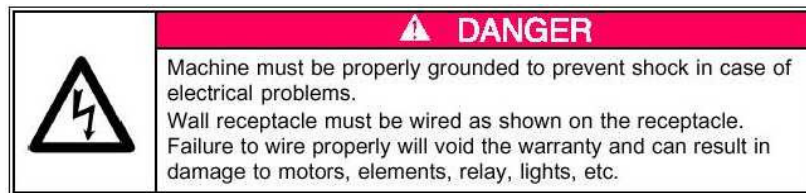
## ELECTRICAL REQUIREMENTS

All Models in this manual will require the following:

120V, 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.



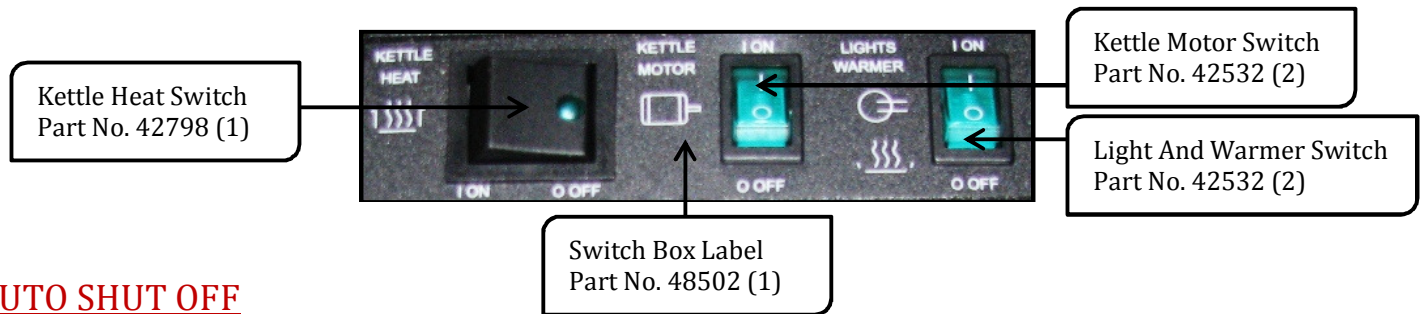
# OPERATING INSTRUCTIONS

## 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).

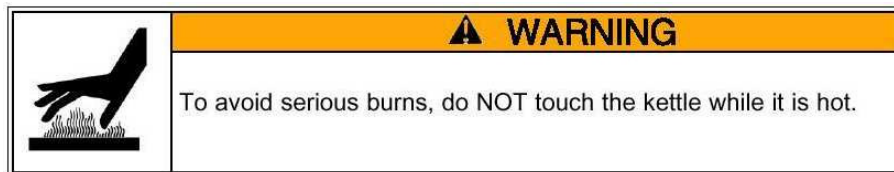
Corn charge – 6 oz.

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.

|   |   |
|---|---|
|  | <p style="text-align: center;"><b>⚠ WARNING</b></p> <p><b>Unplug your machine before cleaning glass panels and case.<br/>Never immerse the kettle in water, this will ruin the electrical components and automatically void the warranty.</b></p> |
|---|---|



## 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)

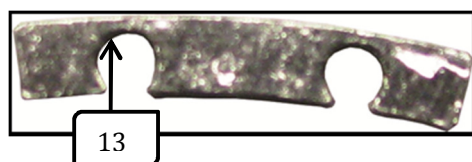
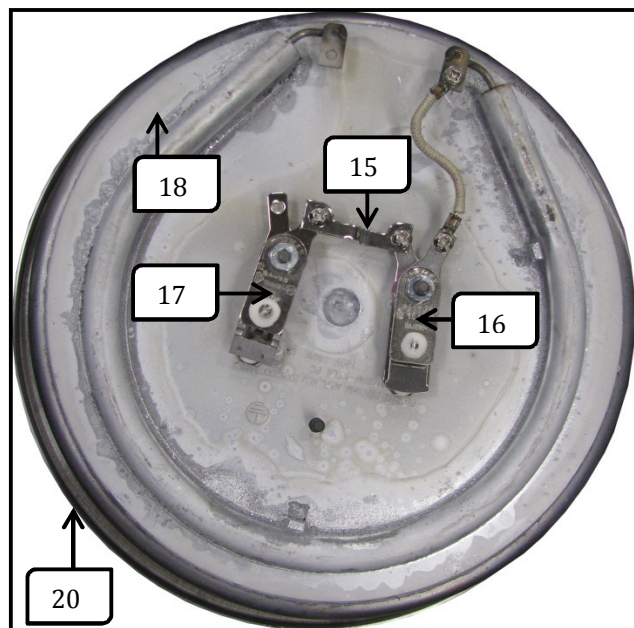
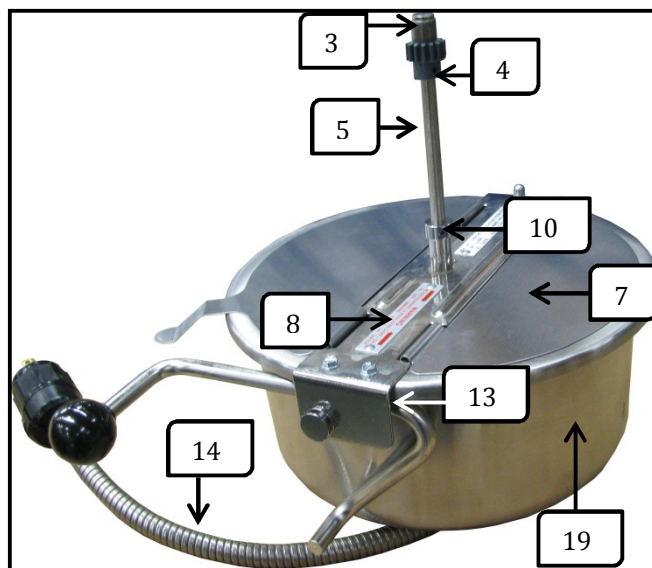
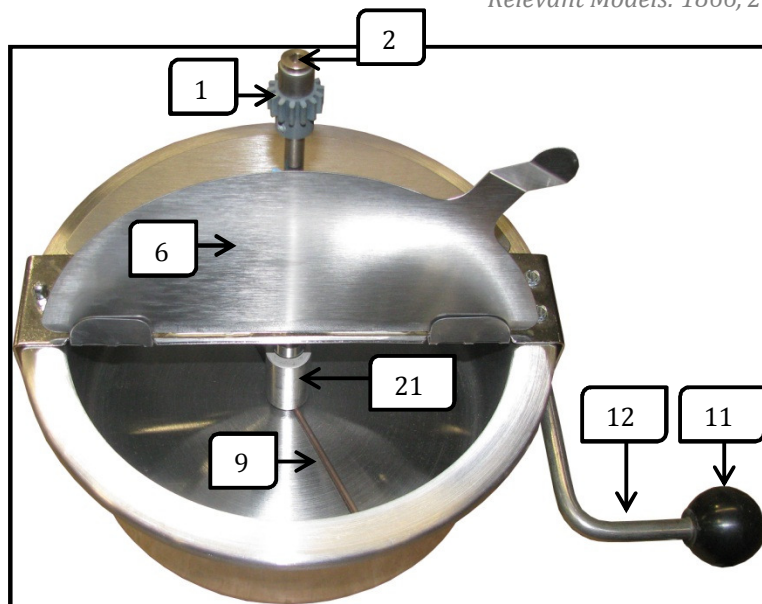




# KETTLE BREAKDOWN

Kettle Part No. 56000

Relevant Models: 1866, 2085, 2086, 2656



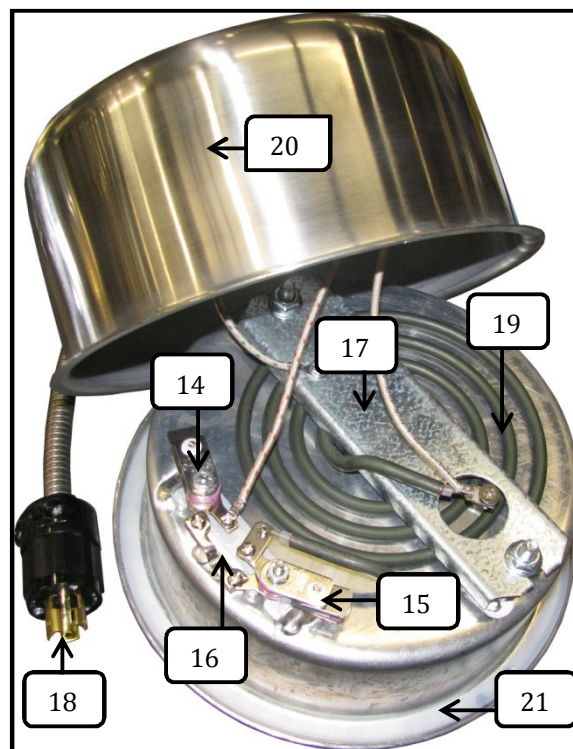
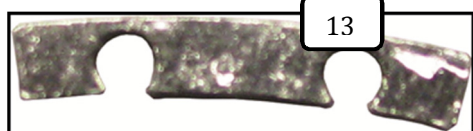
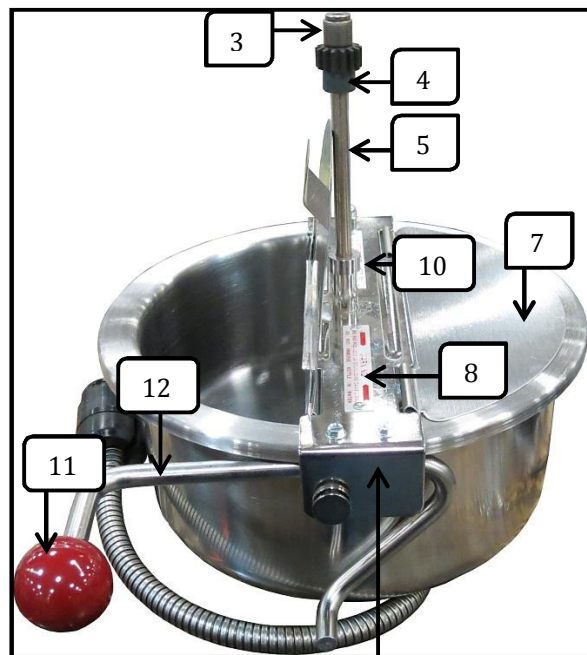
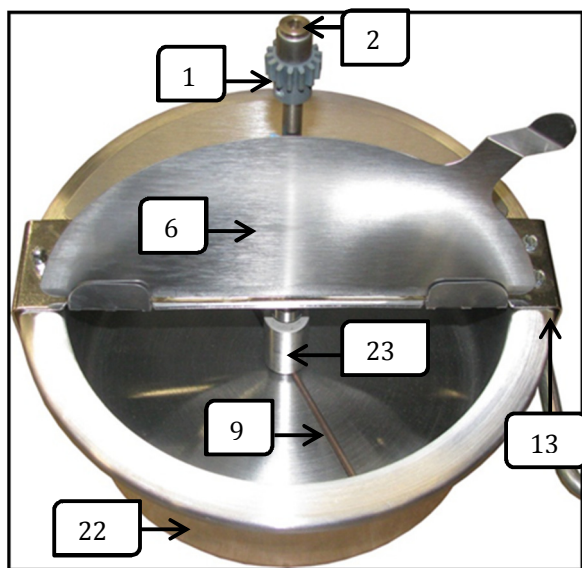
| Number | Part No. | Description                  | Quantity |
|--------|----------|------------------------------|----------|
| 1      | 47060    | Spur Gear                    | 1        |
| 2      | 43434    | Agitator Bearing Hub         | 1        |
| 3      | 47106    | Needle Bearing               | 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

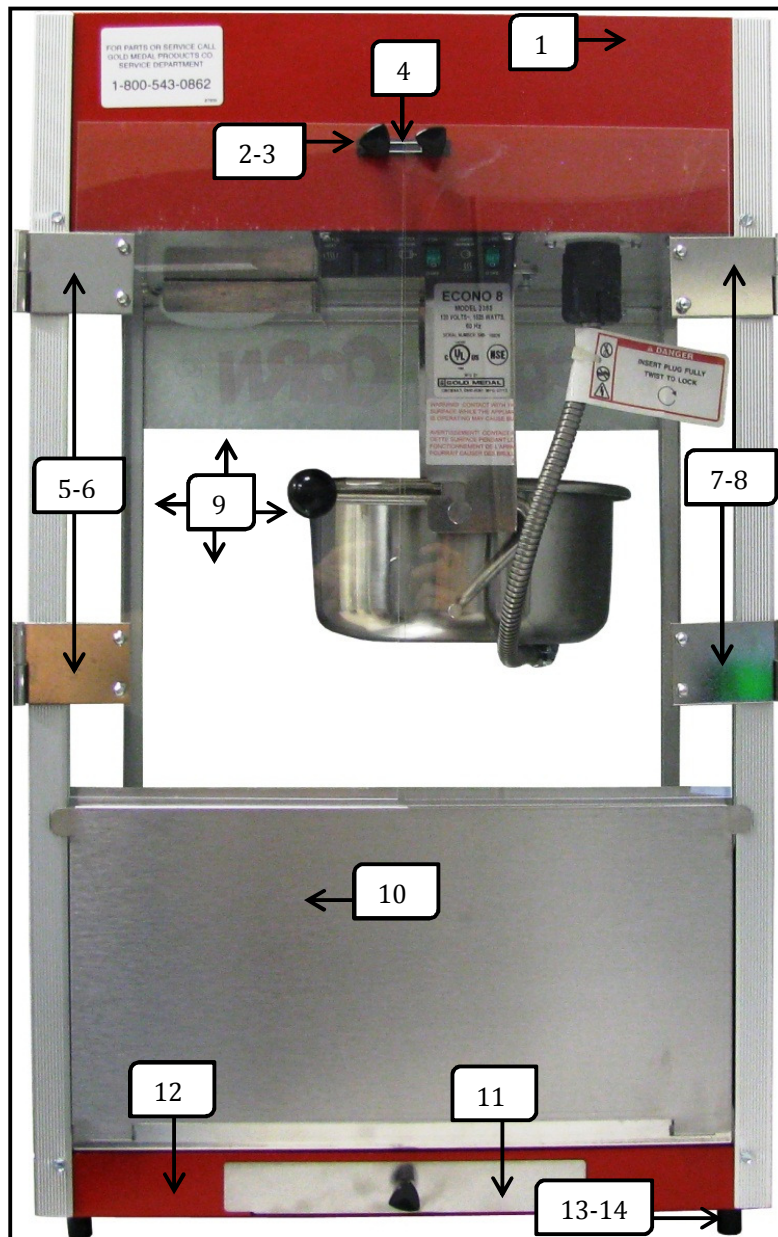
Relevant Models: 2656KC



| ITEM | PART NO. | PART NAME                    | QTY. |
|------|----------|------------------------------|------|
| 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    | 49471N   | Crossbar Assembly            | 1    |
| 9    | 69714    | Stir Rod                     | 1    |
| 10   | 46649    | Set Collar                   | 2    |
| 11   | 47123    | Knob Dump Handle Red         | 1    |
| 12   | 49314    | RH Dump Handle               | 1    |
| 13   | 49362    | Spacer Dump Handle           | 1    |
| 14   | 76707    | 420°F Thermostat             | 1    |
| 15   | 76702    | 525°F Thermostat             | 1    |
| 16   | 47193    | Thermostat Shunt Bar         | 1    |
| 17   | 49532    | Element Clamp                | 1    |
| 18   | 49328    | Kettle Lead In Assembly      | 1    |
| 19   | 46652    | 850W Tubular Element         | 1    |
| 20   | 49431    | Kettle Shell                 | 1    |
| 21   | 49368    | Kettle Gasket                | 1    |
| 22   | 49432    | Kettle Weld Assembly         | 1    |
| 23   | 69715    | Agitator Weight              | 1    |

# CABINET BREAKDOWN

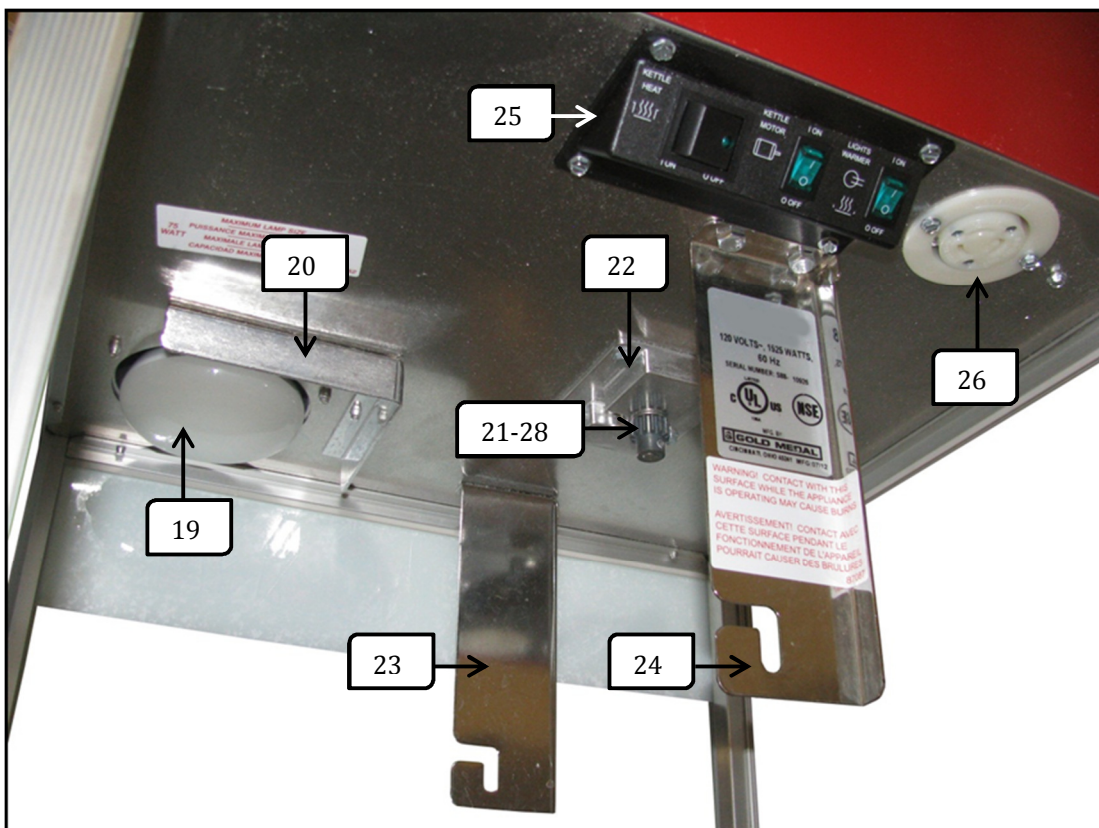
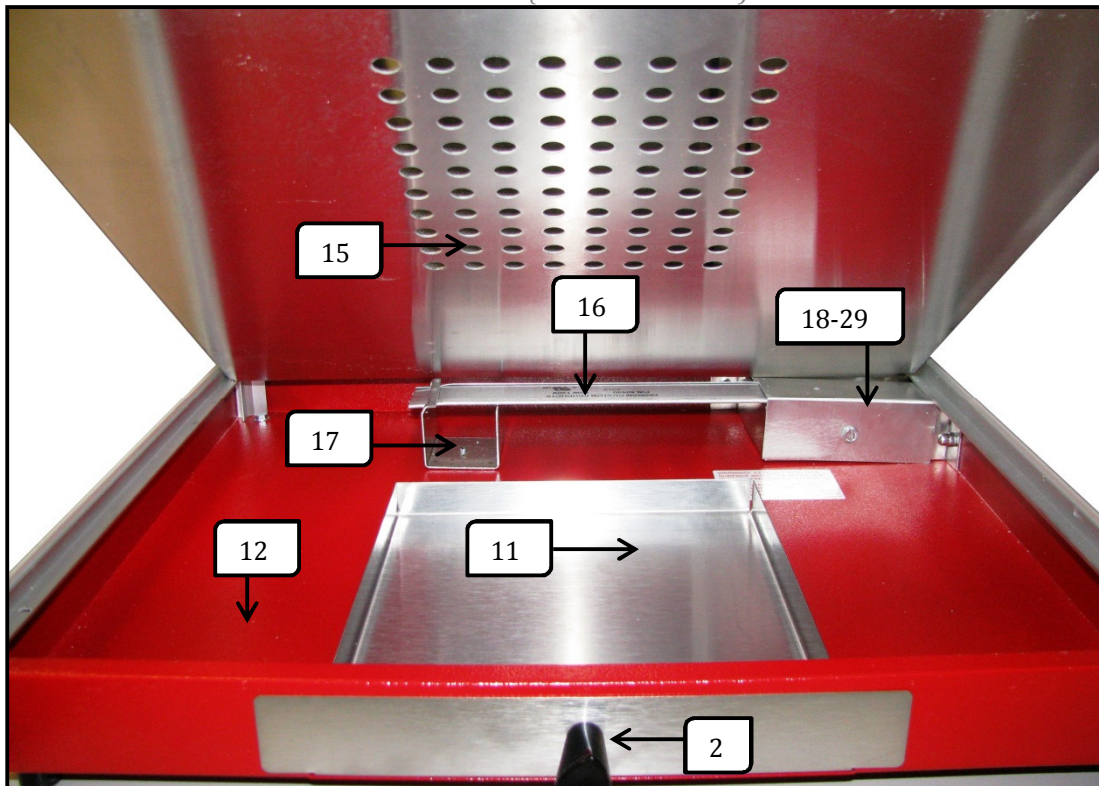
Models No. ALL (2085-2656 Shown)





# CABINET BREAKDOWN

Model No. ALL (2085-2656 Shown)



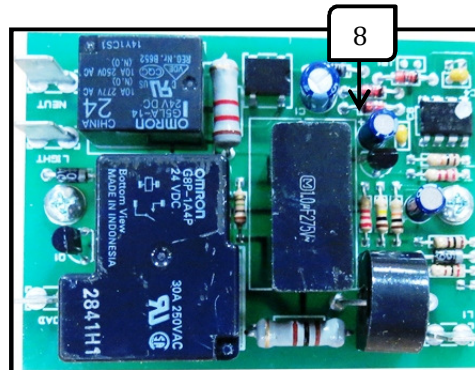
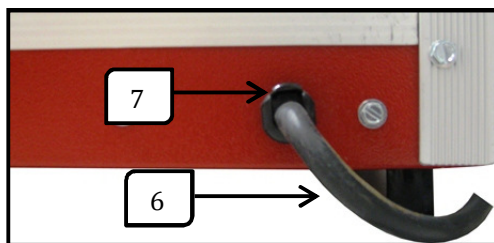
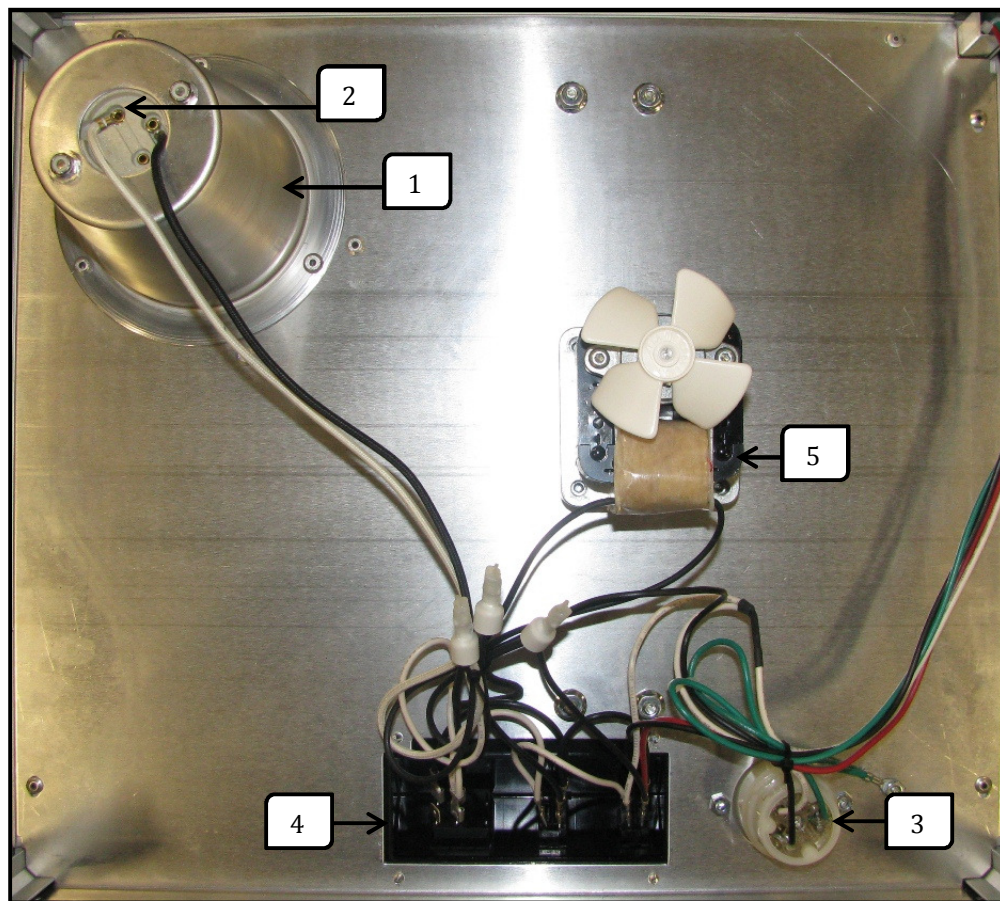


# CABINET BREAKDOWN PARTS LIST

| 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        | 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             | 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    | All              | 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        | 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

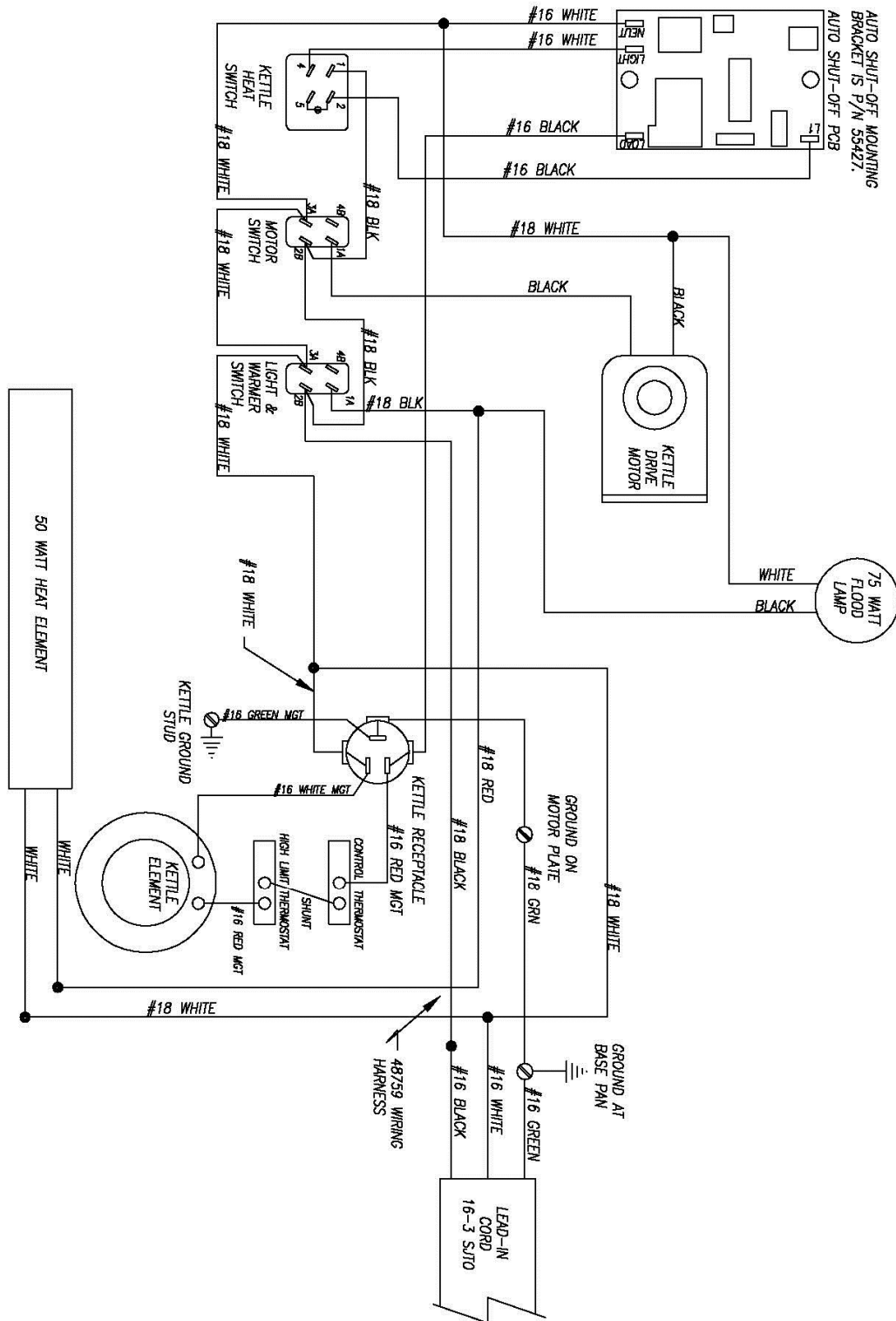


| ITEM | PART NO. | MODEL(S)  | PART NAME                           | QTY. |
|------|----------|-----------|-------------------------------------|------|
| 1    | 49480    | All       | Light Shield Conical                | 1    |
| 2    | 47047    | All       | Lamp Holder                         | 1    |
| 3    | 49330    | All       | 15A TWST LC Kettle Recpt            | 1    |
| 4    | 48501    | All       | Small Switch Box                    | 1    |
| 5    | 47038    | All       | Kettle Drive Motor                  | 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    |
| 9    | 55427    | 1866-2656 | Kettle Shut Off Bracket (Not Shown) | 1    |



# WIRING DIAGRAM

Model No. 1866



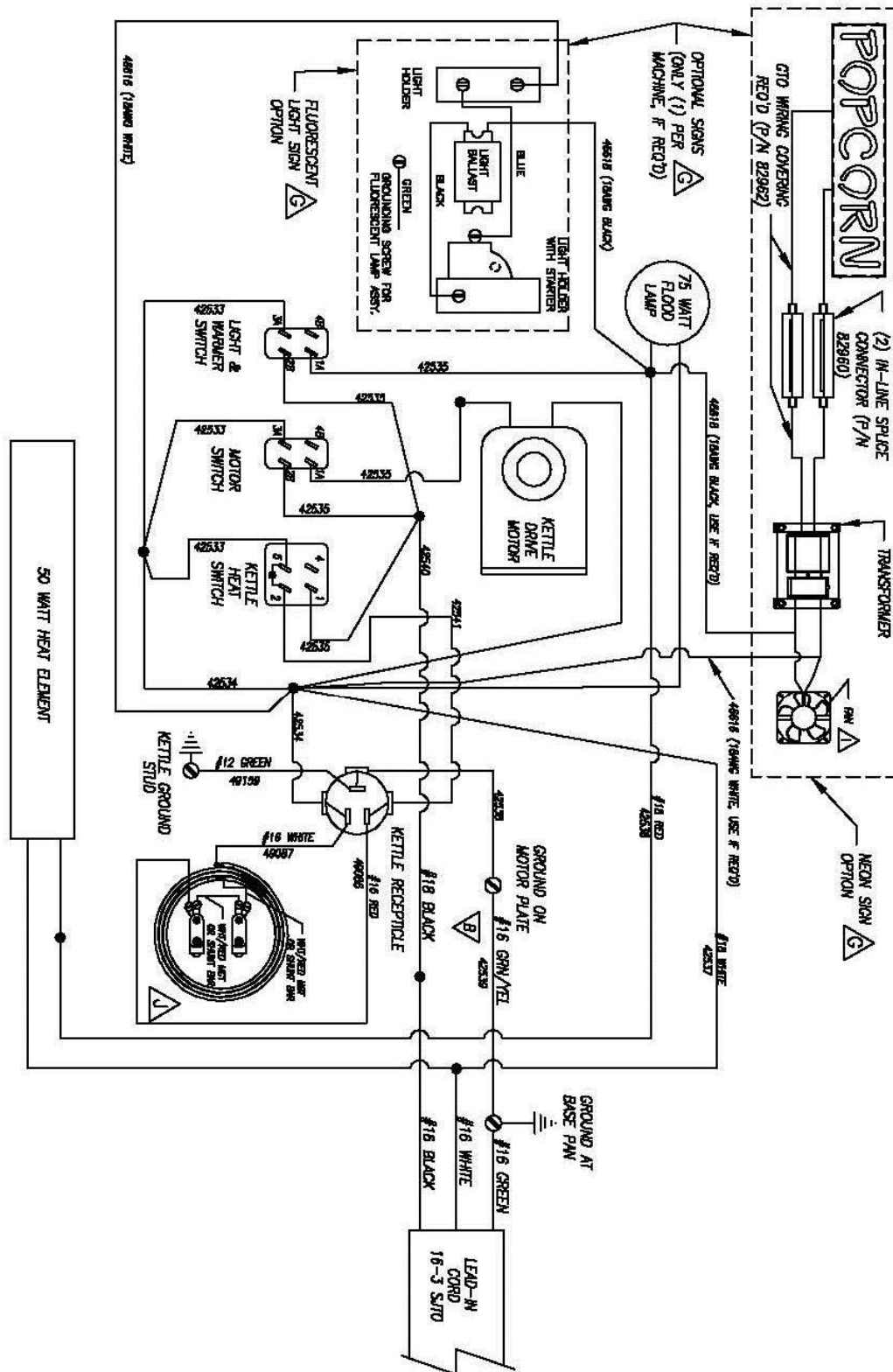


Model No. 2085-2086



# WIRING DIAGRAM

Model No. 2656KC



## 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.

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



**GOLD MEDAL PRODUCTS COMPANY**  
**10700 Medallion Drive**  
**Cincinnati, Ohio 45241-4807 USA**