



Instruction Manual

EZ Flo Batter Pump

Model No. 5098-00-100



GOLD MEDAL® PRODUCTS CO.

10700 Medallion Drive, Cincinnati, Ohio 45241-4807 USA





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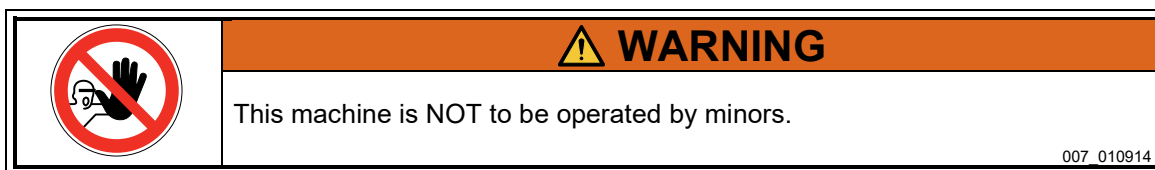
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SAFETY PRECAUTIONS

	 DANGER Machine must be properly grounded to prevent electrical shock to personnel. Failure to do so could result in serious injury, or death. 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. 008_012221
	 DANGER 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. 014_020416
	 WARNING ALWAYS wear safety glasses when servicing this equipment. 010_010914
	 WARNING No user serviceable parts inside. Refer servicing to qualified service personnel. 011_051514
	 WARNING 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 022_060215
	 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





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).

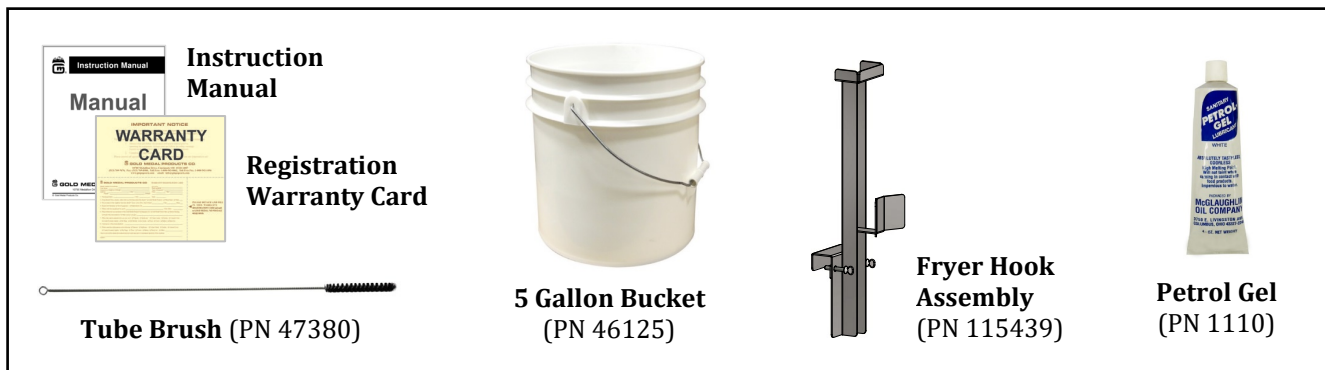
Manual

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

5098-00-100: EZ Flo Batter Pump with batter flow adjustment knob.

Items Included with this Unit



Setup

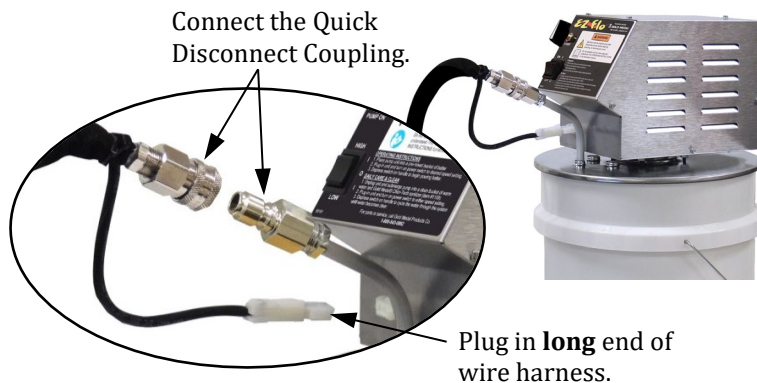
1. Remove all packaging and tape before starting operation.
2. Set pump in an EMPTY bucket to check lid fit—adjust lid if needed:
 - a) Loosen thumb screws.
 - b) Adjust lid.
 - c) Retighten thumb screws



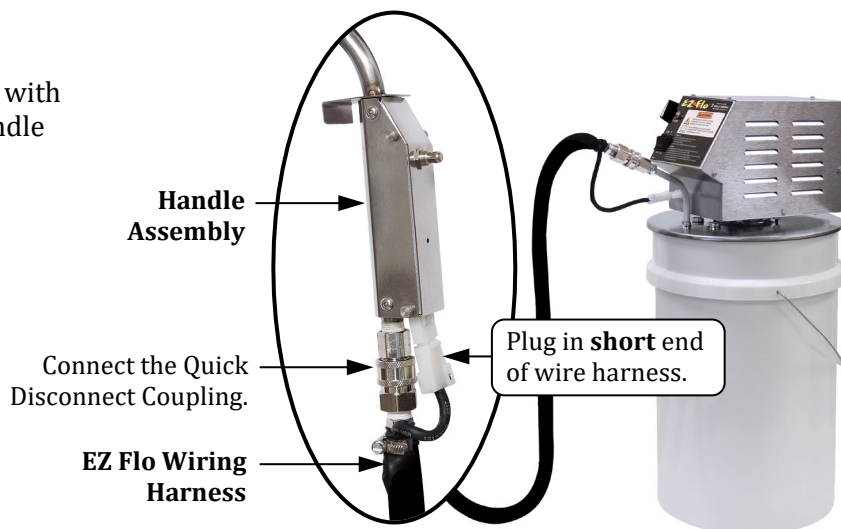


3. Attach EZ Flo Wiring Harness (hose assembly) to batter pump —use plug end of hose **with long power cord**.

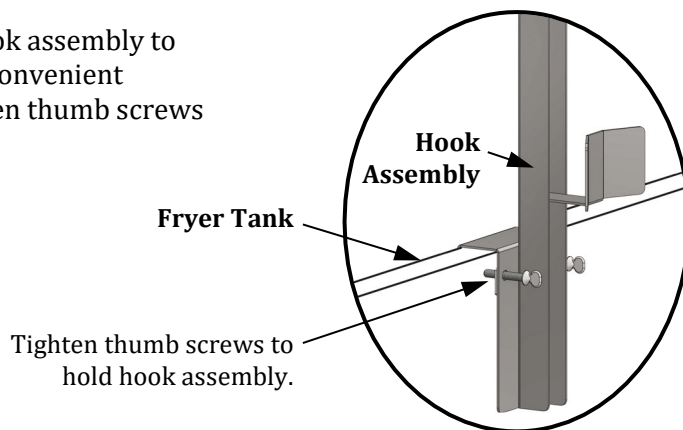
IMPORTANT: DO NOT plug-in or operate unit without hose assembly and handle properly attached to unit.



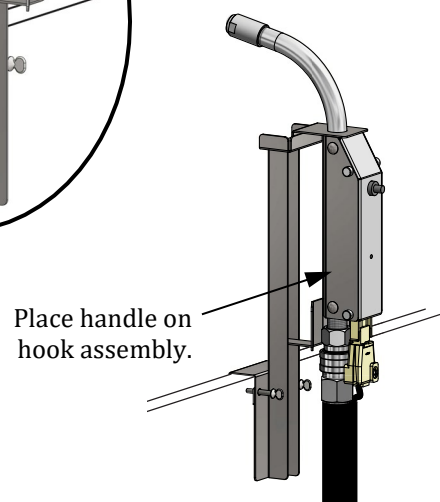
4. Attach opposite end of hose, with **short** power cord, to the handle assembly as shown.



5. Attach fryer hook assembly to fryer tank in a convenient location—tighten thumb screws to hold in place.



6. Handle rests on hook assembly when not in use.
7. 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 (reference unit Data Plate for Wattage requirement):

120 V~, 60 Hz

	 DANGER
	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. 008_012221

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 handle and hose assembly are properly attached to unit (see Setup section).
2. Make sure the power switch is OFF before plugging unit into receptacle.
3. Make sure wall outlet can accept the grounded plug on the power supply cord.
4. The wall outlet must have the proper polarity. If in doubt, have a competent electrician inspect the outlet and correct if necessary.
5. **DO NOT** use a grounded to un-grounded receptacle adapter (where applicable).
6. Install unit in a level position.

	 CAUTION
	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. 039 080614



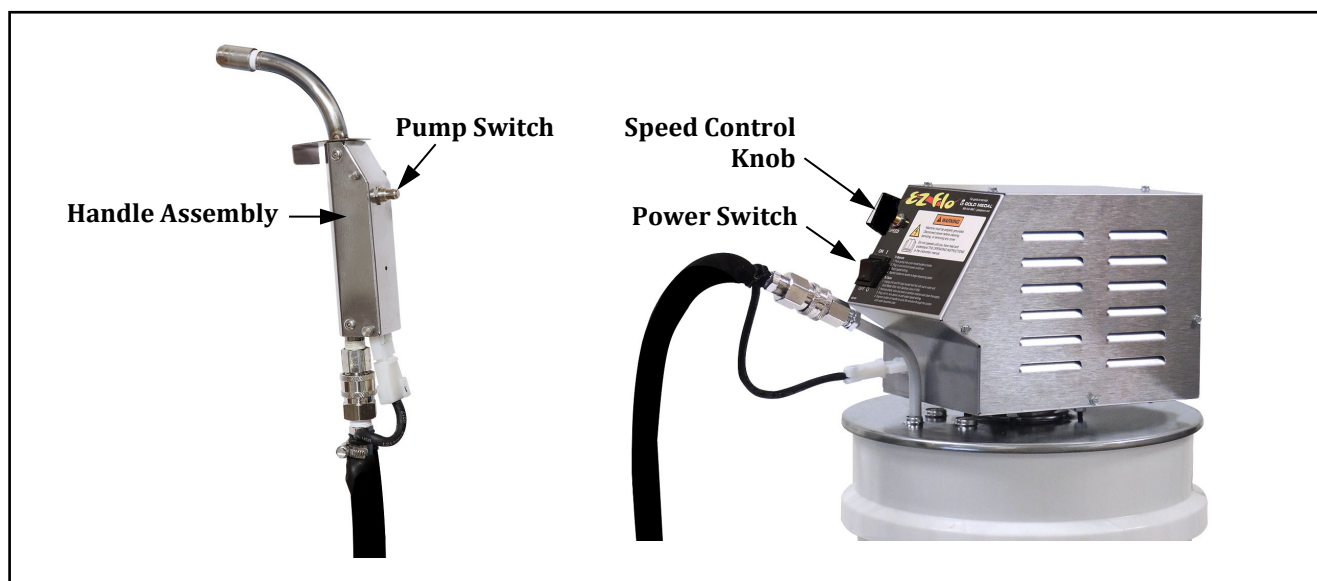
OPERATING INSTRUCTIONS

Controls and Their Functions

POWER SWITCH: ON/OFF position switch—never turn power switch on without handle and hose assembly properly attached to unit.

PUMP SWITCH: Press and hold button to dispense batter; release button to stop dispensing.

SPEED CONTROL KNOB: Adjusts the speed of batter flow as needed. Turn knob clockwise to increase flow; turn knob counter-clockwise to decrease flow.



Instructions for Dispensing Batter

1. Make sure handle and hose assembly are properly attached to unit.
2. Place the batter pump in a premixed bucket of batter.
3. Plug unit in (reference Electrical Requirements section).
4. Turn power switch ON.
5. While holding the handle assembly in one hand, press and hold the pump switch with your thumb to dispense batter.

Start dispensing batter into the form in a circular motion, then zig-zag the batter back and forth over the top for a perfect funnel cake every time.

Note: Turn speed knob to adjust batter flow as needed.

Tip: Note your batter dispense time to make a perfect size funnel cake, then repeat the time for consistent results.



Care and Cleaning

	 DANGER 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. 025_111616
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Good sanitation practice demands that all food preparation equipment be cleaned regularly (only use non-toxic, food grade cleaners).

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.

Follow the directions below to clean and sanitize the unit each day after use.

1. Have (2) clean empty 5 gallon buckets and Gold Medal Chlor-Tech Sanitizer (Item No. 1109) available for use.
2. Turn the power switch OFF and unplug the unit.
3. Fill a clean bucket half-full of hot water and Gold Medal Chlor-Tech Sanitizer (reference instructions on sanitizer container for appropriate amount).
4. Lift pump from batter pail and wipe off any excess batter.
5. Place pump in the bucket of sanitizer solution—then plug the unit in and turn the power switch ON.
6. Press pump switch to dispense solution into a **separate bucket** until solution runs clear. **DO NOT RECIRCULATE DIRTY SOLUTION!**
7. After sanitizing the hose interior, turn machine OFF and unplug the unit.
8. Remove pump unit from sanitizer bucket and wipe lid, pump tube weldment, and delivery tube clean with sanitizer solution, then dry.
9. Disconnect hose from pump and handle assembly, then wipe off outside of hose to clean—**DO NOT immerse hose in water.** Drape hose with ends down to dry.
10. The handle assembly can be easily disassembled for cleaning—remove the four (4) thumb screws holding the top cover.
The handle weldment is dishwasher safe. **DO NOT get the top cover of the handle assembly wet or immerse it in water.**
11. Wipe outside of pump cabinet and lid clean with a cloth SLIGHTLY dampened with soap and hot water, then wipe again to remove any remaining cleaner.
For exterior stainless steel surfaces needing further cleaning, Watchdog Stainless Cleaner (Item No. 2088) is available for use accordingly (follow instructions on product).
12. Clean the buckets to sanitize them for each use.

Note: After cleaning, if the unit will not be used for two weeks or longer, follow the Storing Your Cleaned Unit instructions on the next page.

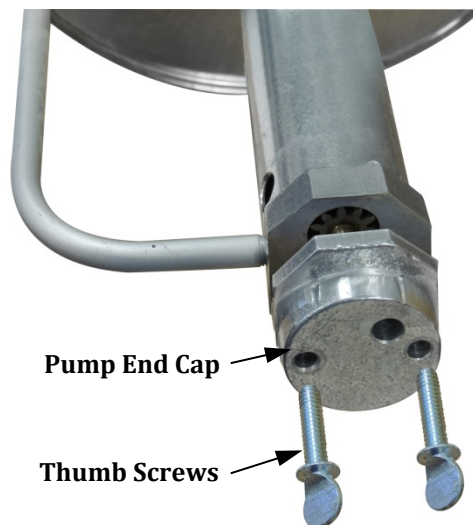


Storing Your Cleaned Unit

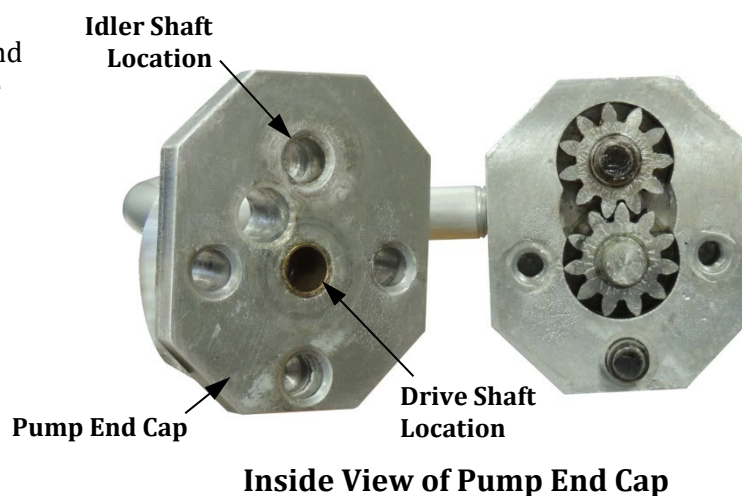
When storing the EZ Flo Batter Pump for two weeks or longer, follow the steps below to apply Petro Gel to the Pump End Cap locations indicated. After storing, clean unit before next use.

1. Remove the two thumb screws holding the Pump End Cap.

2. Remove the Pump End Cap.



3. Apply Petro Gel to the Pump End Cap in the Idler shaft and Drive shaft locations shown.





—THE FOLLOWING SECTIONS ARE FOR QUALIFIED SERVICE PERSONNEL ONLY—

MAINTENANCE INSTRUCTIONS

	 DANGER
	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. 008_012221

	 DANGER
	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. 014_020416

	 WARNING
	No user serviceable parts inside. Refer servicing to qualified service personnel. 011_051514

	 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. 027_010914





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

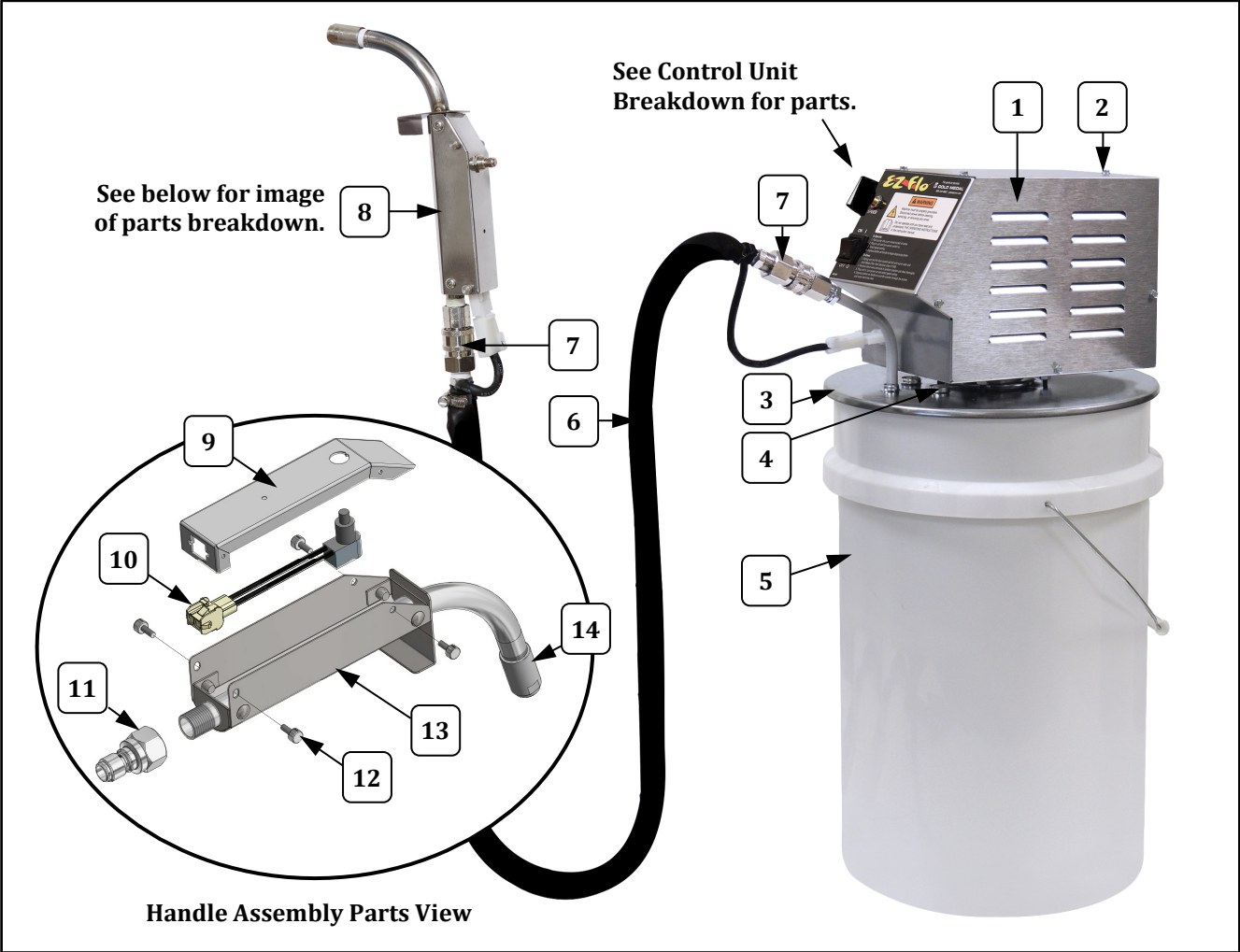
Fax: (800) 542-1496
(513) 769-8500

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





Unit Exterior, Hose and Handle Assembly

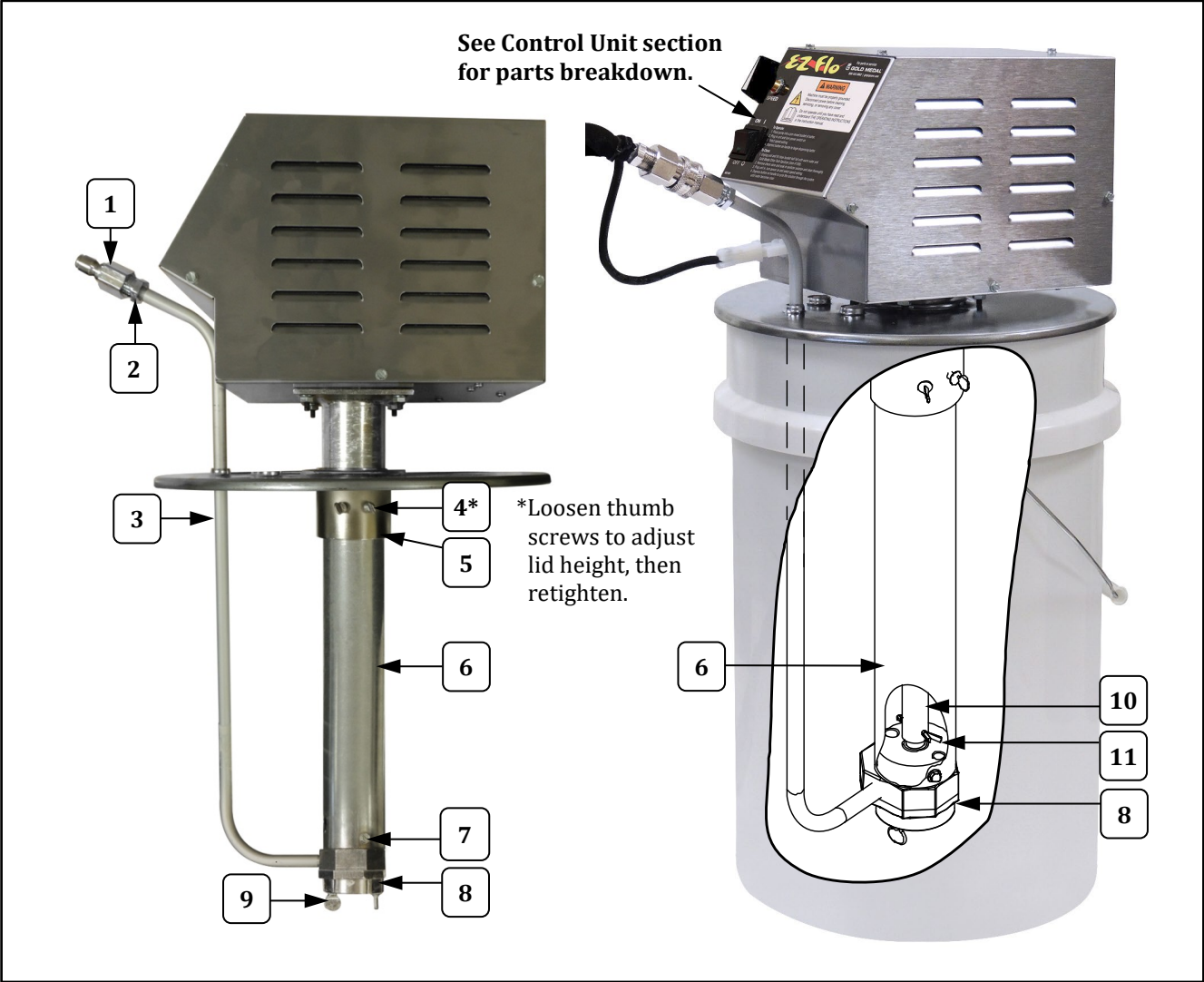


Item	Part Description	Part Number
		5098-00-100
1	CONTROL BOX COVER EZ FLO	101000
2	8-32 X 1/4 SLT. HWH M/S	49060
3	BATTER BCKT PUMP LID ASSY	79030
4	HOLE PLUG .625 NICKEL PLT	101040
5	STORAGE BUCKET 5GAL WHITE	46125
6	WIRING HARNESS EZ FLO (hose assembly)	101013
7	SOCKET HANSEN NP	79250
8	HANDLE ASSEMBLY EZ FLO BATTER PUMP (complete assembly – includes parts listed below)	101002
9	TOP COVER HANDLE EZ FLO	101003
10	HANDLE SWITCH/WIRE ASSY	115458
11	PLUG 5/8-18 TO HANSEN	115498
12	THUMB SCREW 6-32 X 3/8	101011
13	HANDLE WELDMENT EZ FLO	17625
14	SPOUT	115435





Pump Unit

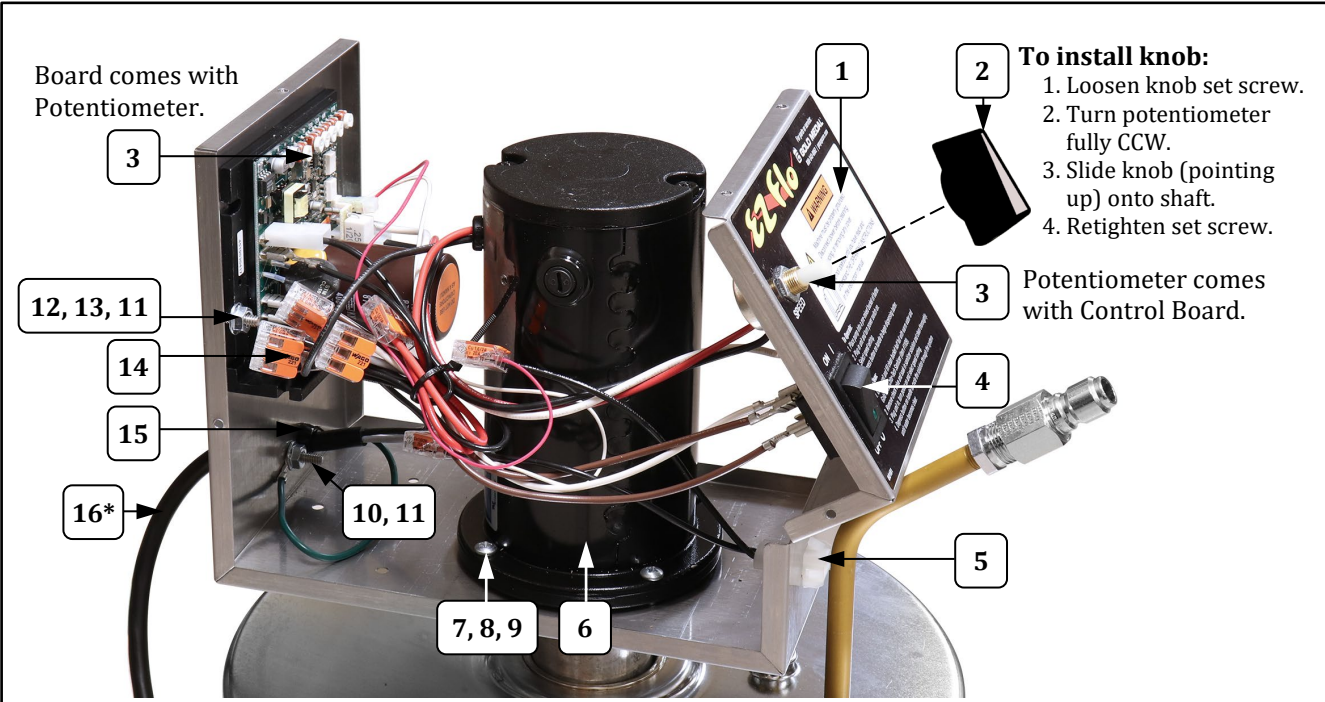


Item	Part Description	Part Number
		5098-00-100
1	PLUG HANSEN NICKEL PLATED	79251
2	3/8 X 1/8 NPT CP REDUCER	79022
3	BATTER DELIVERY TUBE	101047
4	THUMB SCREW 10-24 X 3/8	76105
5	BATTER BCKT PUMP LID ASSY	79030
6	TUBE,BATTER PUMP	102290
7	8-32 X 1/4 HX HD WHIZLOCK	42045
8	PUMP ASSEMBLY	80182
9	1/4-20 X 1 THUMB SCREW	47691
10	DRIVE SHAFT,BATTER PUMP	102292
11	1/8 X 1 SS COTTER PIN	86574



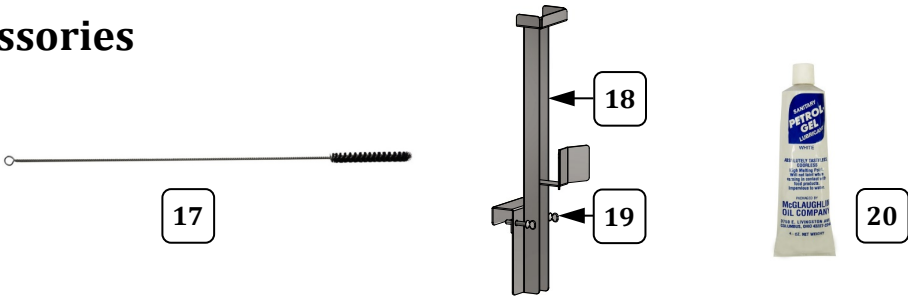


Control Unit Interior – Unit Accessories



***CAUTION:** If 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.

Accessories



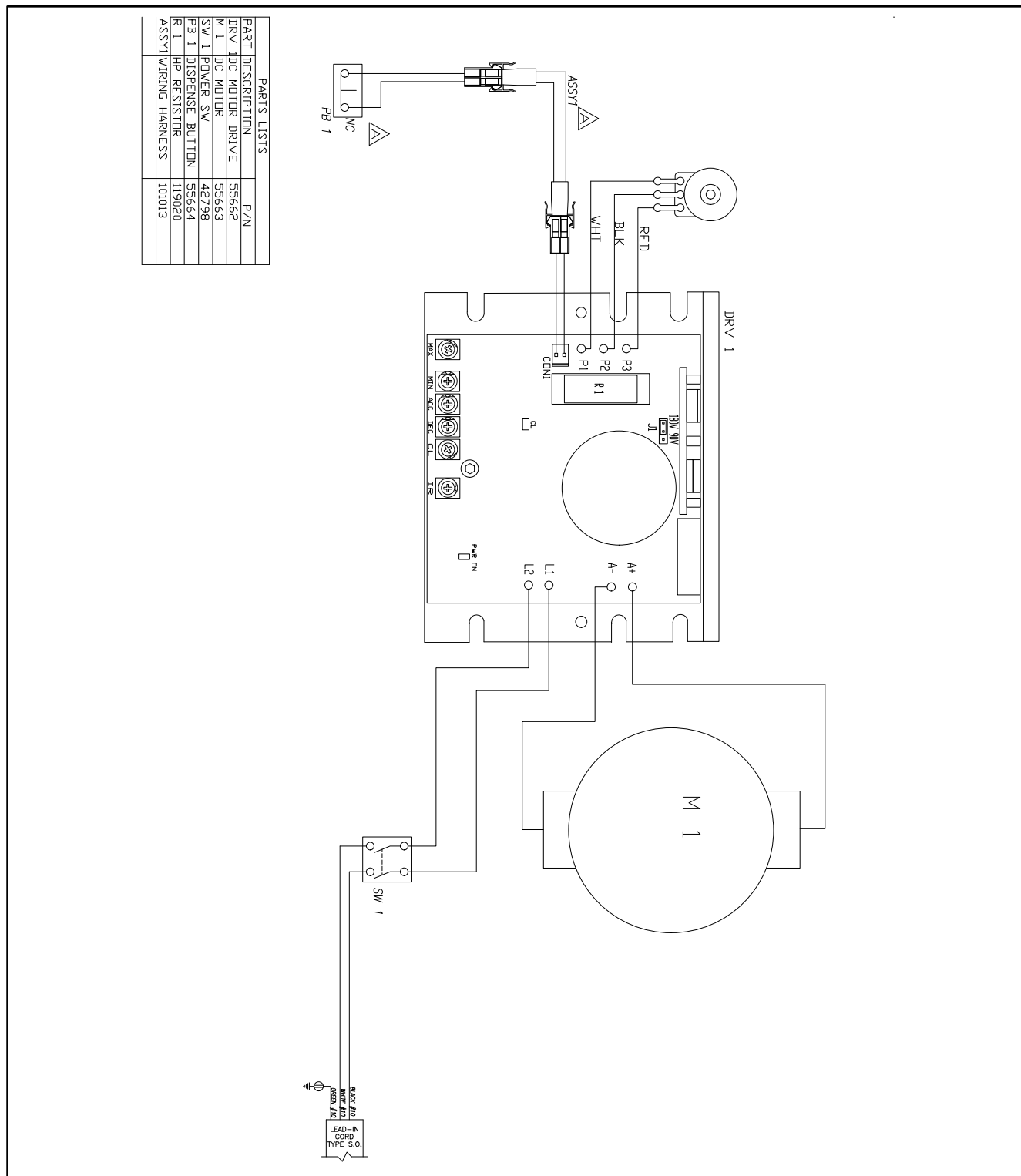
Item	Part Description	Part Number 5098-00-100
1	CONTROL BOX LABEL EZ FLO	80181
2	KNOB, CONTROL	38389
3	PWM DC MOTOR SPEED CNTRL (includes board and potentiometer)	55662
4	SWITCH, LIGHTED ROCKER GR	42798
5	2 PIN RECEPTACLE ASSY	39470
6	MOTOR FOR EZ FLO PUMP	115446
7	SCREW,10-24X1,PH PAN HD	76022
8	#10 X .563 NYLON BUSHING	115445
9	10-24 SERRATED LOCK NUT	49363
10	8-32 X 1/2 PHIL PN M/S SS	42226

Item	Part Description	Part Number 5098-00-100
11	8-32 SERRATED FLANGE NUT	61151
12	8-32 X 3/4 PHIL PAN MS SS	39007
13	SPACER .180 ID X .250 LG	116365
14	3 POSITION WIRE CONNECTOR	55244
15	STRAIN RELIEF SR-6P3-4	76026
16*	POWER SUPPLY CORD 15 AMP	22038
17	TUBE BRUSH	47380
18	EZ FLO FRYER HOOK ASSY (includes thumb screws)	115439
19	8-32 X 1" THUMB SCREW (2 req'd)	82580
20	TUBE PETROGEL	1110



Wiring Diagram

Model No. 5098-00-100





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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gmpopcorn.com

Phone: (800) 543-0862 Fax: (800) 542-1496
(513) 769-7676 (513) 769-8500

