

# FILM-TECH

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# *Bag-In-A-Box Oil Pump System*

**INSTRUCTION MANUAL**  
MODEL #2257 AND MODEL #2257H



# **GOLD MEDAL<sup>®</sup>**

**FUNFOOD EQUIPMENT & SUPPLIES**

Cincinnati, OH 45241-4807 USA

e-mail: [goldme19@eos.net](mailto:goldme19@eos.net) • [www.gmpopcorn.com](http://www.gmpopcorn.com)

# SAFETY PRECAUTIONS

	<b>⚠ CAUTION</b>
	This equipment is designed and sold for commercial use only. This equipment is not to be used by the consumer in home use. 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 installation instructions before operating the equipment.

	<b>⚠ WARNING</b>
	Always wear safety glasses when servicing this equipment.

	<b>⚠ WARNING</b>
	NEVER put your fingers or any object into the heating area. We do NOT assume any liability for injury due to careless handling or operation of this equipment.

	<b>⚠ WARNING</b>
	Any alterations to this equipment will void the warranty and may cause a dangerous situation. NEVER make alterations to the equipment.

	<b>⚠ DANGER</b>
	Machine must be properly grounded to prevent electrical shock to personnel. Do NOT immerse the equipment in water. Always unplug the equipment before cleaning or servicing.

## NOTE

The information, specifications and illustrations contained in this manual represent the latest data available at time of publication. Right is reserved to make changes as required at the discretion of Gold Medal Products Company without notice.

## INSTALLATION

### CHECKING SHIPMENT

Your new Bag-In-A-Box Oil Pump System is completely assembled and ready to operate. Remove the corrugated carton from the machine. Check thoroughly for any damage which may have occurred in transit. Damage claims should be filed immediately with the transportation company.

### ELECTRICAL REQUIREMENTS

Model No.	Volts	Amps	Watts	Hertz
#2257	120	0.34	40	60
#2257H	120	2.16	229	60

	<b>⚠ DANGER</b>
<p>Machine must be properly grounded to prevent shock to personnel. DO NOT immerse the equipment in water. Always unplug the equipment before cleaning or servicing.</p>	

### SPECIFICATIONS

**DIMENSIONS:** Model #2257 - 12 7/8" Wide, 14 3/4" High, 19 7/8" Deep  
 Model #2257H - 12 7/8" Wide, 14 3/4" High, 25 1/4" Deep

**CAPACITY:** (2) 35 Lb. Boxes of Oil

**NET WEIGHT:** Model #2257 - 18 1/2 Lb.  
 Model #2257H - 26 Lb.

### INSTALLATION INSTRUCTIONS

1. Carefully lift your boxes of oil onto the shelves.  
**NOTE:** Coconut oil must be premelted before proceeding. Use Gold Medals' Backroom Bag-In-A-Box Warmer Model #2262 (four shelf) or Model #2260 (two shelf).
2. Connect the discharge oil line to your metal oil line using the hose clamp provided.
3. Slide the bag connector on the end of the intake line over the bag spout. Push the probe into the bag spout until fully inserted. This opens the channel so oil can flow. When the bag is empty, disconnect the oil line by reversing the procedure described above.
4. Make sure all of the popper switches are turned "OFF." As an added safety measure, turn "OFF" the power supply circuit breaker. Insert the popper's oil pump wire harness into the side of the Bag-In-A-Box control box.

When all hose and electrical connections are completed, you are ready to pop corn.

## OPERATING INSTRUCTIONS

### FINAL PREPARATIONS

Your new Bag-In-A-Box Accu-Meter Oil Pump was adjusted, inspected and tested before it left the factory and is ready to operate with some fine adjustments, if necessary, to the volume of oil delivered to your popper.

Turn on the OIL SYSTEM MASTER SWITCH located on the popper switch panel.

**IMPORTANT:** To keep coconut oil from congealing in the oil line, keep the base doors closed and leave this switch "ON" at night if you are using Model #2257H with coconut oil.

### OIL PUMP CYCLE SETTINGS

1. The oil quantity is factory preset at 10 seconds which should give you approximately 10 ounces. You will need to vary the setting for the volume of oil based upon your corn charge.
2. Remove the small cover from the front of the control box. Adjustments can be made to the ten binary switches on the timer. The time periods for each switch in the "ON" position are added together to obtain the desired run time. Adjust accordingly until the desired run time is achieved. Replace the cover after the adjustment has been made.
3. Place a measuring cup under the oil line directly above the popcorn kettle, then push the button labeled "OIL PUMP" to start the oil pumping. Dispose of this cup of oil and cycle again. After this initial cup is discharged, the delivery of oil will be consistent.
4. Change the pumping time until you reach the oil charge preferred (as listed below).

CORN CHARGE	30% OIL CHARGE	25% OIL CHARGE
12 oz. (355ml)	3.6 oz. (106ml)	3.0 oz. (88,7ml)
14 oz. (414ml)	4.2 oz. (124ml)	3.5 oz. (103,5ml)
16 oz. (473ml)	4.8 oz. (142ml)	4.0 oz. (118,3ml)
20 oz. (592ml)	6.0 oz. (177ml)	5.0 oz. (147,9ml)
28 oz. (828ml)	8.4 oz. (248ml)	7.0 oz. (207,0ml)
32 oz. (946ml)	9.6 oz. (284ml)	8.0 oz. (236,6ml)
36 oz. (1065ml)	10.8 oz. (319ml)	9.0 oz. (266,2ml)
48 oz. (1419ml)	14.4 oz. (426ml)	12.0 oz. (354,9ml)

## CLEANING INSTRUCTIONS

	<b>⚠ DANGER</b>
	Do NOT immerse the equipment in water. Unplug your machine before servicing.

	<b>⚠ WARNING</b>
	<b>TUBING LIFE</b> We recommend using coconut oil or a fully saturated oil. Unsaturated oils, such as sunflower, canola, corn, soybean and other blends, will cause the tubing to deteriorate in approximately one year.

## SANITIZING INSTRUCTIONS

Your Bag-In-A-Box Model #2257/2257H is all stainless steel construction. It can be cleaned by wiping oil spills with a dry towel, then wiping with another towel moistened with mild soap and warm water.

Disengage the bag connector from the bag of oil and place in a pail of hot water and mild soap. Cycle the pump to flush the system. Make sure you have a container under the discharge tube to catch this solution. Change to a bucket of clean hot water and cycle the pump again to flush the soapy solution from the system. Reinstall the connector to a bag of oil and repeat the start-up procedure to “charge” the oil line.

**IMPORTANT:** Coconut oil users need to close the base doors and leave the oil master switch “ON” at the end of business. Your #2257H Heater will continue to run and maintain enough heat to keep the oil lines from solidifying.

## MAINTENANCE INSTRUCTIONS

	<b>⚠ CAUTION</b>
	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.

	<b>⚠ WARNING</b>
	Adequate eye protection must be used when servicing this equipment to prevent the possibility of injury.

	<b>⚠ DANGER</b>
	Do NOT immerse the equipment in water. Unplug your machine before servicing.

## ORDERING SPARE PARTS

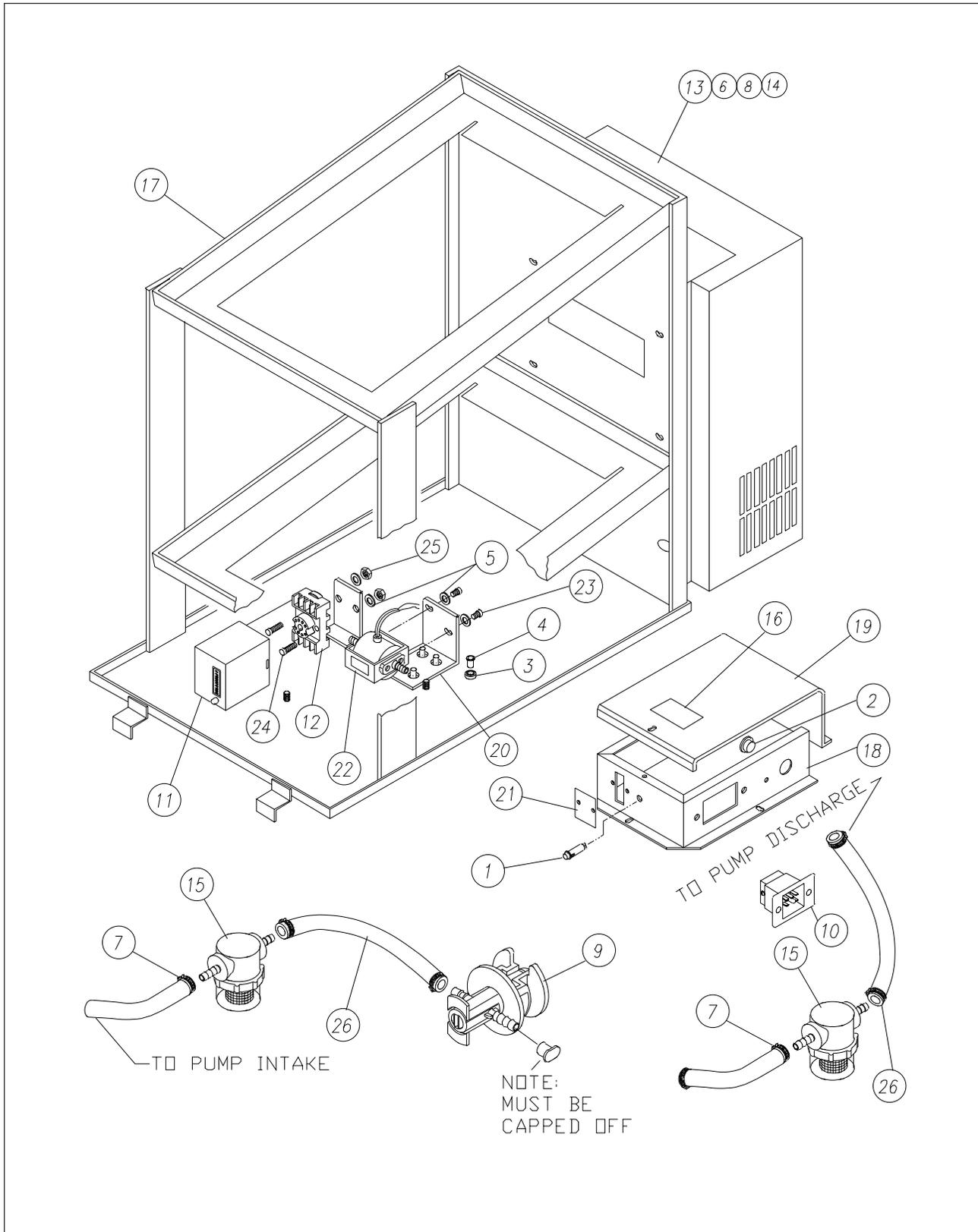
1. Identify the needed part by checking it against the photos, illustrations, and/or the parts list.
2. When ordering, please include part number, part name, and quantity needed.
3. Please include your model name and machine serial number (located on the machine nameplate) with your order.
4. Address all parts orders to:

Jarco Industries

order toll free 800-458-7578

or order online at [www.concessionstands.com](http://www.concessionstands.com)

### CABINET ASSEMBLY – EXPLODED VIEW

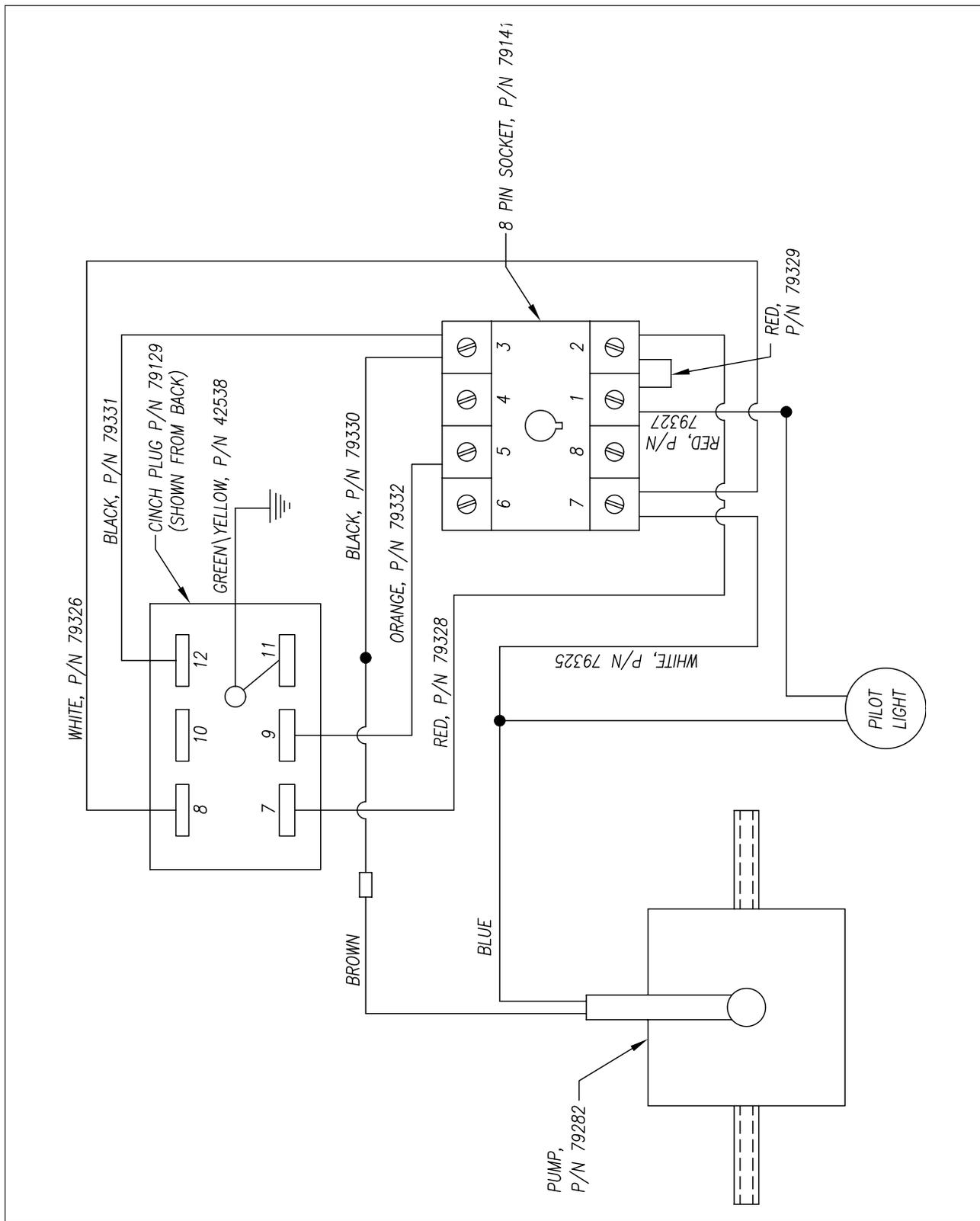


## PARTS LIST MODELS #2257 AND #2257H

Item No.	Part No.	Description	Quantity
1	41033	Pilot Light	1
2	45396	Bushing	2
3	67204	Isolation Grommet	4
4	67204E	Eyelet	4
5	74150	Washer	4
6*	74737	Blower	1
7	75220	Hose Clamp with Screw	6
8*	79058	Thermostat	1
9	79100	Bag Connector	1
10	79129	Cinch Jones Plug	1
11	79140	Single Shot Timer	1
12	79141	8-Pin Socket	1
13*	79260	Heated Duct Assembly	1
14*	79262	Element	1
15	79269	In-Line Strainer	2
16	79270	Warning Label, "Tubing Life"	1
17	79276	Welded Rack Assembly	1
18	79277	Control Box	1
19	79278	Control Box Cover	1
20	79280	Bracket, Pump Mounting	1
21	79281	Cover	1
22	79282	Pump	1
23	79286	#8-32 x 3/16" Screw	2
24	79290	#8-32 x 7/8" Screw	2
25	89129	#8-32 Hex Nut	10
26	91375	Tubing	

\* Indicates this part is for Model #2257H Only

# ELECTRICAL SCHEMATIC MODEL #2257



# ELECTRICAL SCHEMATIC MODEL #2257H

