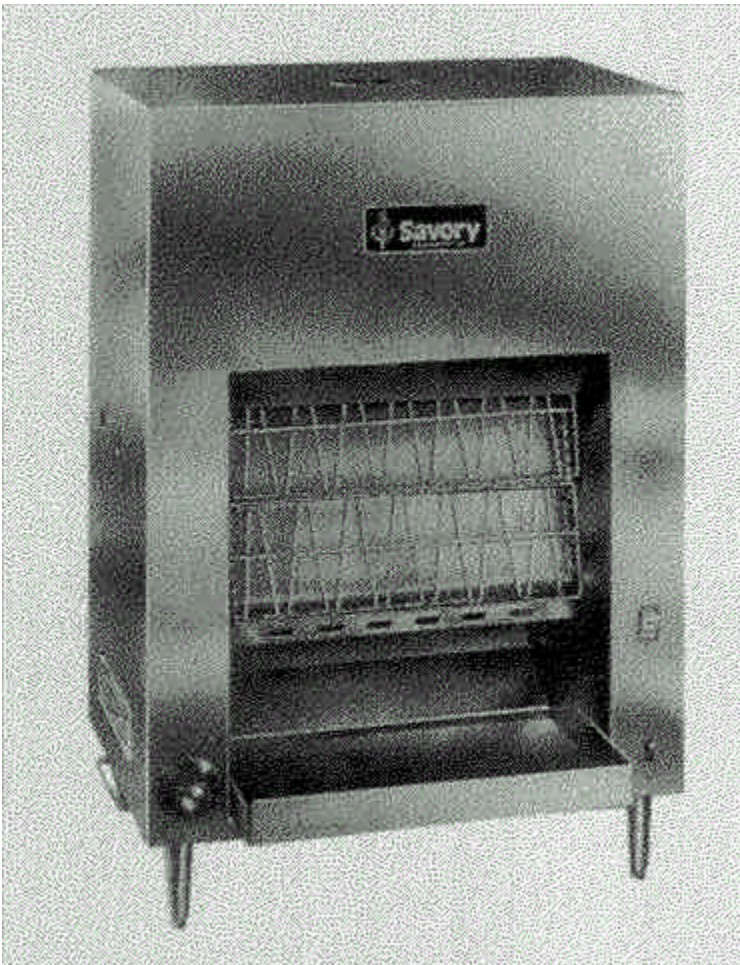


## INSTALLATION & OPERATION MANUAL for CG-30 Gas Vertical Conveyor Toaster



The Savory Model CG-30 is a gas-fired conveyor toaster capable of toasting breads, buns, bagels, English muffins, frozen waffles and more with unsurpassed speed and quality. These toasters operate efficiently on the combustion of natural or propane gas. Standard features on both models include front and rear delivery, and the ability to toast one or both sides of a product.

**NOTE:** This manual contains important safety, installation and operation instructions. Require all operators to read this manual before using the unit. Failure to follow the instructions contained in this manual may cause injury, damage to the unit, and will void the warranty.

Toaster installation should be carried out by a SAVORY Qualified Service Representative and must conform with local codes, or in the absence of local codes, with the "National Fuel Gas Code" ANSI Z223.1, Natural Gas Installation Code CAN/CGA-B149.1, or the Propane Installation Code, CAN/CGA-B149.2 as applicable, and National Fire Protection Association Standard 96, "Removal of Smoke and Grease Laden Vapors from Commercial Cooking Equipment". The term Qualified Service Representative means any individual, firm, corporation or company which either is engaged in or is responsible for the installation or replacement of gas piping on the outlet side of the meter or the service regulation when a meter is not provided or the connection, installation or repair of gas appliances, who is experienced in such work, familiar with all precautions required of the authority having jurisdiction.

**THIS MANUAL SHOULD BE RETAINED FOR FUTURE USE**

# BEFORE INSTALLATION

**NOTE:** Upon receipt of this unit, immediately unpack and inspect for possible concealed shipping damage. If unit is found to be damaged, save all packing materials and contact your delivery carrier within 5 days. Refer to “Shipping Damage Instructions” enclosed for detailed instructions. Failure to follow these instructions will negate Merco/Savory’s or your ability to file claims and receive compensation for shipping damage.

## FOR YOUR SAFETY

**Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance**

**NOTE:** Instructions to be followed in the event the operator smells gas, should be posted in a prominent location. This information can be obtained by consulting your local gas supplier.

**WARNING:** Improper installation, adjustment, alteration service or maintenance can cause property damage, injury or death. Read the Installation & Operation and Maintenance instructions thoroughly before installation or servicing this equipment.

## INSTALLATION INSTRUCTIONS

Install the CG-30 toaster in the most convenient location for ease of cleaning, maintenance and general operation. Avoid installing in locations with drafts, close proximity to grease or vapor-producing appliances or other high ambient heat equipment. For cafeteria or waiter type operation, the toaster should be set for rear delivery, with the receiving tray facing the traffic flow. **Front Delivery:** Insert delivery chute through front opening with lipped end held. Push delivery chute rear up and back until notches fall over chute pins. **Rear Delivery:** Insert delivery chute through rear opening with lipped end held. Push delivery chute rear up and back until notches fall over chute pins.

**Electrical Grounding Instructions:** This appliance is equipped with a three-prong (grounding plug) for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

### IMPORTANT

Toaster should be installed in an area free and clear of combustibles. The area should have no obstructions to the flow of combustion and ventilation air. Provisions should be made for adequate air supply in the room where the toaster is installed. Maintain adequate clearance for air openings into the combustion chamber.

**MINIMUM CLEARANCE FROM COMBUSTIBLE AND NONCOMBUSTIBLE CONSTRUCTION IS 6” FROM EACH SIDE AND 6” FROM REAR OF UNIT. SUITABLE FOR INSTALLATION ON COMBUSTIBLE FLOORS.**

A gas pressure regulator is provided for use with both natural gas and propane gas. It is recommended that a flexible metal connector be installed between the toaster and the gas supply line. The connector should comply with the latest edition of the Standard for Connectors for Moveable Gas Appliance ANSI Z21.69 and that adequate means must be provided to limit the movement of the unit without depending on the connector and any quick disconnect device or its associated piping to limit the unit movement. The connector should be of the appropriate length and equipped with a quick disconnect coupling containing a feasible link (Savory Part #25209). This will permit portability for ease of cleaning, adjustments and service. Minimum inlet pressure for natural gas is 5” w.c. Minimum inlet pressure for propane gas is 11” w.c. Electrical grounding of the installed toaster is required. The CG-30 toaster is factory supplied with a 6’ cord and NEMA5-15P plug. Electrical power required to operate the conveyor motor and the burner control valves is only 40.2 watts which is readily available at most electrical outlets. This toaster must be electrically grounded in accordance with local codes, or in the absence of local codes, with the latest edition of the National Electrical Code ANSI/NFPA 70 or the CSA C-22.2.

**NOTE:** Wiring diagram is permanently attached to the inner surface of the removable right side panel.

# OPERATION INSTRUCTIONS

## WARNING

**HOT SURFACES ARE PRESENT. USE CAUTION WHILE OPERATING**

### INITIAL START-UP

1. Remove left side panel.
2. Open gas supply shut-off valve and light both pilots.
3. Set Bun-Toast switch to TOAST position for two-sided toasting or BUN position for one-sided toasting.
4. Turn thermostat knob to mid point.
5. Set On-Off switch to ON position.
6. After ignition of both burners replace left side panel.

#### NOTE:

**A FIVE MINUTE COMPLETE SHUT-OFF PERIOD IS REQUIRED BEFORE RELIGHTING.**

#### SHUT DOWN INSTRUCTIONS:

1. Turn On-Off switch to OFF position.
2. Close gas supply shut-off valve.

**Thermostat:** Savory toasters are factory adjusted to deliver medium brown toast with the thermostat set at the midway position, using day old bread under normal atmospheric conditions. A lower setting will produce a lighter color. Adjust in half-step increments to determine the setting necessary to produce the correct heat and color for your product. Constant temperature will be maintained by the thermostat. Further adjustments are not necessary unless the toasting product is changed.

**Burners:** Factory installed orifices maintain the correct flame ratio of approximately 60% of the full input to the front burner. The remaining 40% goes to the rear burner, with a maximum total of 32,000 BTU for natural gas and 27,000 BTU for propane gas.

**On-Off Switch:** Both the conveyor belt and the gas supply to the burners is controlled by this On-Off Switch. The OFF position shuts off the conveyor motor and the gas supply to the burners. In the ON position, the conveyor motor rotates the conveyor and energizes the solenoid coils to permit gas flow to the burners.

**Bun-Toast Switch:** The Toast position opens the gas supply to both burners and must be used for two-sided toasting. The BUN position reduces the gas supply to the rear and is used for one-sided toasting of a product.

**Pressure Regulator:** Maintains a constant natural gas output pressure when a level above 4" w.c. is present at the input. Propane gas requires a different regulator to maintain the required 10" w.c. pressure.

## CLEANING & MAINTENANCE INSTRUCTIONS

**CAUTION: DISCONNECT POWER SUPPLY TO APPLIANCE BEFORE CLEANING OR SERVICING.**

Savory toasters are designed for easy cleaning and minimum maintenance. The lustrous outer surface need nothing more than a daily wiping with a soft damp cloth. The receiving tray should be removed daily and wiped with a soft damp cloth to remove any crumb build-up. If however, an excessive amount of grease or dirt is allowed to collect, a non-abrasive cleaner (hot sudsy water) may be used.

**Do not use abrasive cleaners on any part of this toaster.** This will cause damage to the finish of the unit.

**WARNING:** Care must be taken to prevent water or cleaning compounds from getting on the internal parts, especially the switches on the control panel. Do not immerse this toaster in water or spray water directly onto any part of this toaster, as this will cause damage to the internal workings, shorten its lifespan and may **CAUSE PERSONAL INJURY.**

#### PRODUCT CARRIERS:

The product carriers must be removed for cleaning. Position the product carrier midway in the front of the machine, Press one carrier chain to the side to allow carrier chain pins to slip out of the holes in the side of the carrier. Clean carriers by boiling in a soap solution. Straighten any bent wires before replacing. Replace carriers by inserting carrier chain pins through holes on the side. Press chain on the other side away from the carrier to achieve the clearance. Guide carrier pins directly under the blank space on the carrier chain created by the master link. Be sure pins enter the proper holes and that the carriers are properly aligned.

#### LUBRICATION:

Savory toasters require lubrication on the carrier chains only. Periodic lubrication of the carrier chain with a colloidal graphite lubrication (Savory chain lubricant Part #30042) will prevent stiffness and rust.

**SERVICE:** Contact the Merco/Savory Factory, at the numbers and address listed on last page of this manual for authorized maintenance and repair on this toaster.

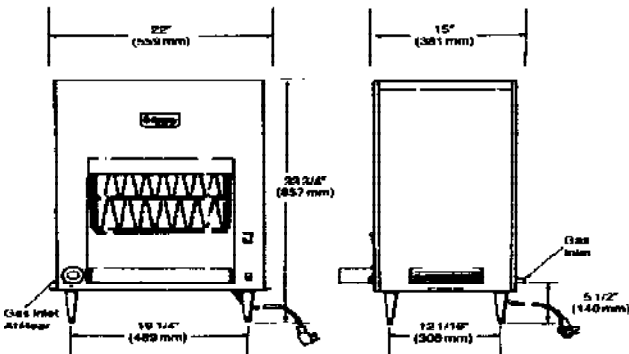
## GAS and ELECTRICAL REQUIREMENTS

Gas	BTU Input	Manifold W/C Pressure
Natural	32,000	4"
Propane	27,000	10"

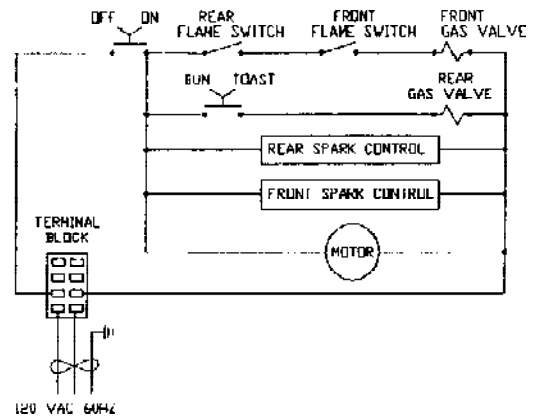
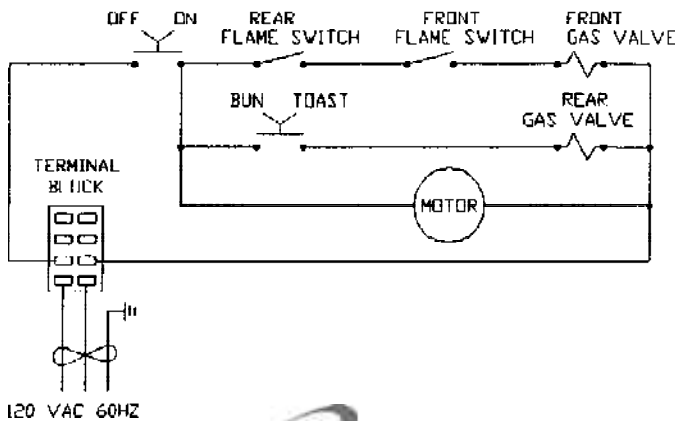
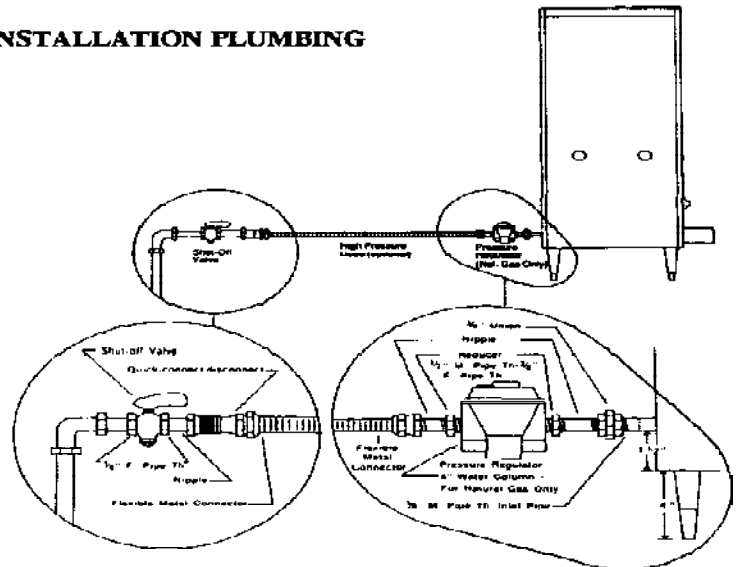
This toaster requires venting in accordance with National Fire Protection Association Standard 96.

Voltages (Volts AC)	Amperage (Amps)	Max. Power (Watts)	Frequency (HZ)	Phase	Cord (Attached)	Plug (Attached)
120	0.7	84	50/60	1	6'	NEMA 5-15P

### MECHANICAL DIMENSIONS



### INSTALLATION PLUMBING



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