



We invented the popcorn machine
THEN JUST KEPT GOING!

176 MITTEL DRIVE, WOOD DALE, IL 60191

COUNTER SHOWCASE ELEVATOR WARMER

**120 Volt,
Single Phase, 60 Cycle**

**100 Volt,
Single Phase, 50/60 Cycle**



READ and UNDERSTAND these operating, servicing, and safety instructions before operating or servicing this machine

SAFETY FIRST



The information in this manual is essential for the safe installation and maintenance of your Cretors warmer. The manual must be read and understood before installing, operating or maintaining this equipment, or equivalent training must be provided.



"The employer shall instruct each employee in the recognition and avoidance of unsafe conditions and the regulations applicable to his work environment to control or eliminate any hazards or other exposure to illness or injury".
Ref.: 29 CFR 1926.20 (b)(4)(a)(2)



It is understood that safety rules within individual companies vary. If a conflict exists between the safety procedures contained in this manual and the rules of a using company, the more stringent rule should take precedence.

I INTRODUCTION

This manual is filled with time-saving and money-saving information regarding your Cretors warmer. There is nothing, however, more important than the safety aids and warnings that are found throughout this document. The Safety Alert Symbol is used to identify topics of primary safety concern wherever they appear. Furthermore, a separate section has been included which deals exclusively with operation and accident prevention.

If, after reviewing this manual, anything is unclear or technical problems are encountered, contact the dealer from whom you purchased your machine for assistance and if there are any additional questions, feel free to contact our Customer Service Department at the address and/or phone number listed on the back cover of this manual. Always have the model and serial number of your machine available to assist in obtaining the correct information.

II SAFETY ALERT SYMBOL

The symbol shown below is used to call your attention to instructions concerning your personal safety and the safety of others. Watch this symbol. It points out important safety precautions. It means "ATTENTION! Become Alert! Your personal safety is involved!" Read the message that follows and be alert to the risk of personal injury or death.



III PURPOSE OF MANUAL



This instruction manual is intended to familiarize owners with the operation, servicing and safety procedures associated with your Cretors warmer.



This manual should be kept available to operating and maintenance personnel.



A person who has not read and understood all operating and safety instructions is not qualified to operate the machine.

IV PRODUCT IDENTIFICATION

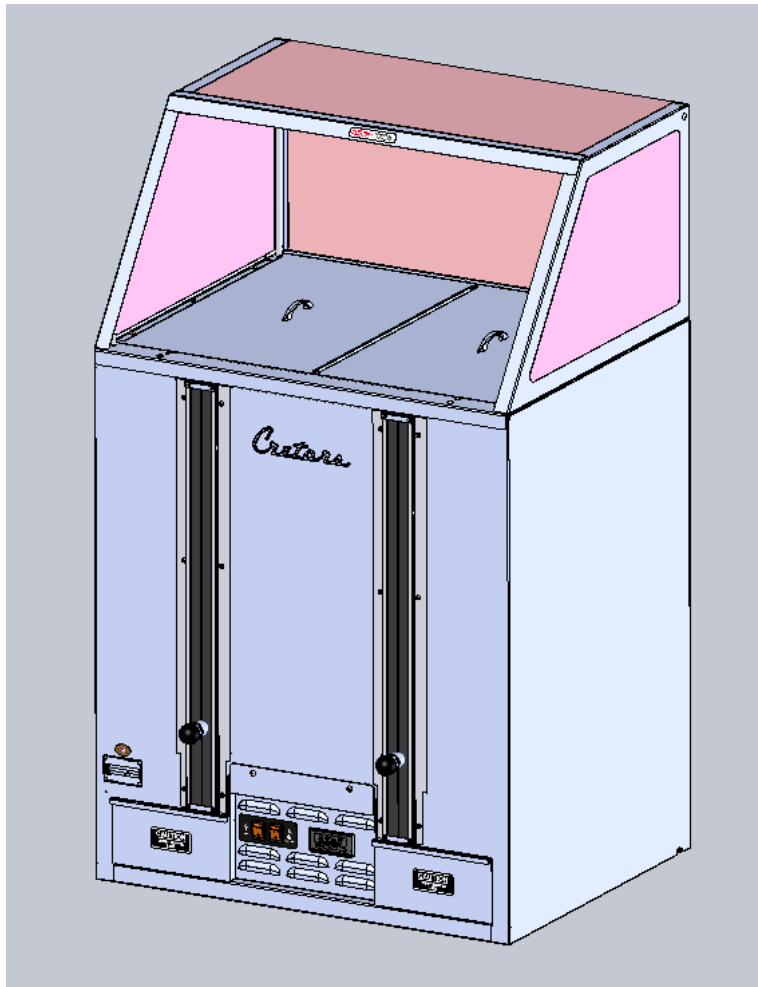
CRETORS COUNTER SHOWCASE WARMERS

ELECTRICAL SPECIFICATIONS: Counter Showcase Warmers are available in any of the following electrical configurations:

- 100/120 Volt, Single Phase, 60 Cycle

SPECIFICATIONS:

MODEL	COUNTER SHOWCASE ELEVATOR WARMER - 100/120V 50/60HZ
Electrical:	1250 Watts
Dimensions:	24"D x 30"W x 50" H - - - - 61.0 cm D x 76.2 cm W x 127.0 cm H



V THEORY AND OBSERVATIONS OF WARMER OPERATION

The Counter Showcase Elevator Warmer is designed to warm and display popped corn. The warmer has two chambers with individual manual elevators allowing for the operator to drop both shelves and fill warmer to maximum capacity. When corn is used from the top, simply pull and lift handle up to raise the elevator to the next level tier (approximately mid-level) for better access to the popcorn. The unit is designed with a heating element and blower to circulate warmed air throughout the cabinet. Top LED lighting illuminates the storage cabinet.

VI CONTROL SWITCHES

ROCKER SWITCH	-Turns lights ON/OFF
ROCKER SWITCH	-Turns Cornditioner ON/OFF
DIGITAL TEMPERATURE CONTROLLER	-Sets temperature of forced air going through the cabinet

VII INSTALLATION INSTRUCTIONS

1. Location

Choose a location for your Cretors machine to maximize the ease of operation and maintenance procedures. Check your local building and fire codes for location restrictions. The cabinet needs to be siliconed to the floor or to the counter to conform to NSF/ANSI 4 standard.

2. Power Supply

Check the nameplate to determine the required power supply.



Connect your warmer only to the correct power source. Failure to do so may result in personal injury or death and may damage your warmer.



Make certain the Rocker Switches on the warmer are in the 'OFF' position when plugging into power source. Failure to do so may result in personal injury or death and may damage your warmer.

3. After Connecting Warmer to Power Supply

The unit's operation can be controlled by the backlit rocker switches located in the bottom lower center position.

VIII OPERATING INSTRUCTIONS



Do not attempt to operate your Cretors warmer until you have read and understood this manual. Failure to do so may result in serious injury or death.

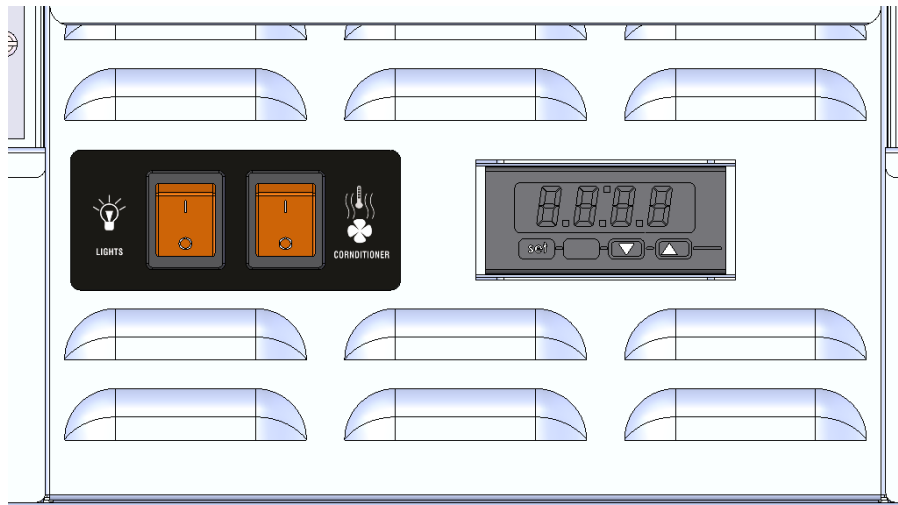


Do not attempt to operate your Cretors warmer unless the installation instructions have been strictly adhered to. Failure to do so may result in serious injury or death.



Operate your warmer only if it is in sanitary condition (SANITATION INSTRUCTIONS). Failure to do so may result in illness to your customers.

1. Turn Rocker Switches "ON" to light cabinet and turn on the Cornditioner heating system.



2. Set the temperature control to the desired temperature setpoint by pressing the set button on the controller. Use the up or down arrows to raise and lower the temperature setpoint. Once the desired setpoint is entered, press the set button one more time to save the setting.

IX SERVICE INSTRUCTIONS



In the case of improper operation, qualified personnel only should perform the following diagnostic checks, and, if necessary, corresponding adjustments and repairs. Many of the following procedures present an electrical shock hazard and can cause serious injury or death.

Parts

When ordering parts, refer to the attached parts diagram. Always supply the serial number, model number, and voltage of your warmer.

X TROUBLE SHOOTING

Problem - Cabinet Will Not Heat

QUESTION: Do any of the other components work - blower, light, etc?

NO! Check power supply:

- A. Is it plugged in?
- B. Is the receptacle live?
- C. Is machine plugged into the proper voltage? Measure with voltmeter and compare to specification on nameplate of machine.



Do not attempt electrical repairs on the power supply circuit unless you are qualified to do so. The electrical shock associated with line voltages can cause serious injury or death.

YES!

If the temperature controller is on, but the blower is not running and there is no heat, check the high limit by performing the following operation;

- a) Unplug machine.
- b) Remove Heat Box (see Sanitation Instruction section for removal)
- c) Locate High Limit Switch.
 - a. Press the red button in the center of the high limit thermostat to reset.
 - b. Using a multimeter, check the continuity between the two terminals on the high limit, but first remove the wires from the terminals. If the reading is 0Ω the high limit is good. If it does not measure 0Ω try pressing the red reset button one more time and repeat test. If the reading is still not 0Ω replace the high limit.
- d) Using multimeter, check continuity of the heat element. Remove the wire from one terminal. The meter should read 13Ω for 120-volt machine. If reading does not match, replace the heat element.

If the blower is running but there is no heating, perform the following operation;

- a) With the heat box removed using a multimeter check the resistance Ω reading on the heating element. First remove the wires on the terminals.
- b) Reading should be 13Ω for a 120 volt machine. If the reading is 13Ω the element is good and the temperature control will need to be checked and replaced. If the reading is not 13Ω the heating element will need replacement.

XI SANITATION INSTRUCTIONS



Be certain the machine is turned 'OFF' and power is unplugged before sanitizing this machine. Failure to do so could result in injury or death.



Do not clean heated surfaces until they have been given sufficient time to cool. Failure to do so may result in serious burns.

1. Remove and empty the clean out drawers daily. Heavy or continuous operation of the machine will require more frequent cleaning.



Failure to empty the clean out drawer regularly may result in a fire hazard do to restricted air flow or if debris is allowed to overflow into heating area.

2. With clean out drawers removed, take out the heat box weekly by removing the two screws located in the center of the bottom of the cabinet. Next, remove the heat box by pulling out on the handle located just above the switches and temperature controller. Make sure no chaff or debris has been able to accumulate in the heating chamber. Also make sure that the bottom of the cabinet itself does not have an accumulation of debris. If it does, clean out as required.
3. Perforated warmer bottom (both sides) should be removed daily to clean and remove excess broken corn and debris.
4. The cabinet should be cleaned with any good grade glass or household cleaner suitable for stainless steel surfaces. A cleaning agent that is acceptable for food contact surfaces is recommended. Do this as required.
5. The glass can be cleaned with any good grade glass cleaner suitable for glass surfaces.

SAFETY FIRST

This manual is filled with time-saving and money-saving information regarding your Cretors machine. There is nothing, however, more important than the safety aids and warnings found throughout this document.

If you have any questions, contact your local dealer and if there are any additional questions, feel free to contact the Customer Service Department at C. Cretors and Company.

Additional copies of this manual can be obtained from C. Cretors and Company at the address listed below. Please provide model and serial number when requesting additional copies of this manual. There will be a nominal charge for additional copies.

Cretors guarantees this machine to be free of defects in parts, materials and workmanship for two years. Please take this time to fill out the factory registration card and return it to the factory to activate your warranty. If you have any questions concerning the Cretors' warranty, please contact your local dealer or the Customer Service department at C. Cretors and Company.



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