

Assembly Instructions

Remove all packing from the unit.

Peel off all protective plastic covering from metal

Installation

Position the *Vizu Clam Griddle* in desired position, close to a suitable electrical supply and connect.

Note: this unit is three phase so with plug supplied

Operating Instructions

1. Switch the Clam on by pressing the green button located on the front panel.
 2. If necessary switch on the controller by pressing the On/Off button located in the bottom left corner.
 3. Select the desired product by pressing the relevant button, e.g. for 4oz burger select button 2.
 4. When the cooking plate has reached the pre-set temperature the display will show TOP-REDY and BOT-REDY. Allow 20 minutes for this.
 5. Place the product on to the grill surface. NO OIL IS REQUIRED.
 6. Pull the Clam down using the handle.
 7. Pull the handle down until the Clam is fully closed. The timer will beep and the latch will hold the Clam closed until the timer finishes.
 8. At the end of the pre-set cooking cycle the timer will beep and the Clam will open automatically.
 9. Remove the cooked products with a spatula.
 10. After each batch of product, wipe the Teflon using the rubber bladed squeegee – this removes the grease.
 11. Scrape the chrome platen using the scraper. Hold the scraper with 2 hands at an angle of 45° push down firmly and remove all the grease and debris.
 12. Use the trough tool to clean the side of the grill platen.
- TO OPEN CLAM EARLY, PRESS AND HOLD SELECTED PROGRAM BUTTON
 - ALSO HANDLE CAN BE RAISED BY LIFTING, ACTIVATING THE HANDLE RELEASE

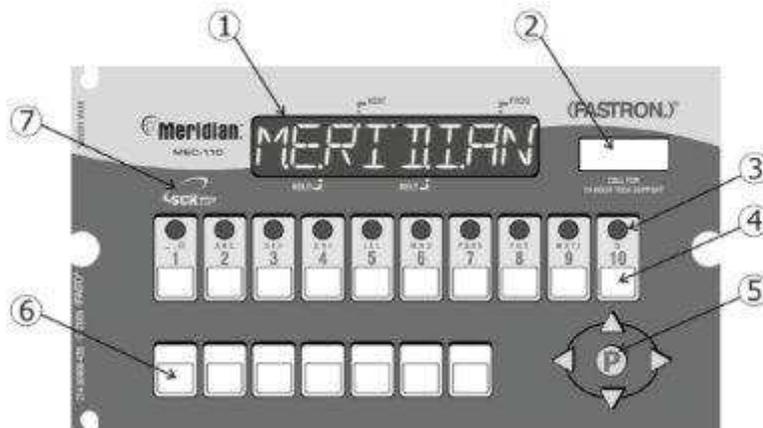
Cleaning Instructions

1. Switch the grill off by pressing the red off switch located on the front panel
2. Clean the 'non-stick' sheet with the rubber squeegee.
3. Clean the grill surface with ice. Tip a handful of ice on to the grill surface. (If ice is not available use warm water)
4. Use the scraper to thoroughly scrape the grill surface. The ice will loosen the debris and help remove the grease.
5. Use the brass wire brush and some more ice to scrub away stubborn stains.
6. When the grill is cool sprinkle a little some Keating Klenzer on to the grill surface and add some water to make a paste.
7. Then polish the surface grill with paper roll.
8. Remove and clean the grease troughs.
9. Clean all the stainless steel surfaces of the grill with non-chlorine based de-greaser.
10. Wipe the entire surface with paper towel
11. When the grill has cooled sufficiently, remove the 'non-stick' sheet by unclipping the four clips at the corners
12. Clean the 'non-stick' sheet with a non-abrasive cloth or sponge and some normal washing up liquid.
13. Rinse under clean water to remove any detergent.
14. Replace the 'non-stick' sheet carefully.

Controller Features

PROGRAMMING CODES

Product Programming	1 7 2 4
System Programming	3 2 2 8
Boil Mode	1 7 2 4



- | | |
|---|---|
| 1 | LARGE LED DISPLAY: 8-character, 14-segment. Displays programming and cook cycle information. |
| 2 | SERVICE WINDOW: Locate the controller's serial number and tech support phone number easily. |
| 3 | INDICATOR LIGHTS: lit when there's an active cook cycle and in programming mode. |
| 4 | PRODUCT KEYS: Press to start a cook cycle. Also used in programming.
REPLACEABLE MENU STRIP: Make menu changes quickly and easily. |
| 5 | (FASTNav) [™] PROGRAMMING CENTER: Easy mobile phone-like programming. Access programming mode and change cooking parameters. |
| 6 | FEATURE KEYS: Used to access programming functions and controller features; keys will vary by model. |
| 7 | SCK LINK [®] : Signifies that your control is communications-capable. |

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Feature Definitions

Programmable Action Alarms

Up to three action alarms can be programmed for each product key. An action alarm alerts the operator to perform some action at a pre-programmed time.

Programmable Appliance Type

A specific type of appliance, i.e., gas, electric or generic can be programmed into the controller.

Energy Saving Manual Setback

Setback, an energy-saving feature, will lower the temperature of the oil after a pre-determined amount of inactive time (1 to 59 minutes). Temperature is programmable from 200-300°F (93.3-148.8°C). Enter setback mode by pressing the SETBACK key. The controller will display COOL or SETBACK and will control the appliance to the programmed setback temperature.

Fahrenheit or Celsius Temperature Display

The controller can be configured to display the temperature in degrees Fahrenheit or Celsius (accessible through System-Programming mode).

Programmable (FAST.Flex)™ Timing Mode

Flex or straight timing can be configured for each stage on each product key. To insure consistent, high-quality food product, flex time will adjust the actual cook time taking into consideration the temperature variation due to load size, initial product temperature, product moisture content, and other factors affecting the cook cycle. If cooking by straight time, the controller will cook only for the specified time without adjusting for these variations.

Programmable Filter Lockout Cycle Count

Ensure good-tasting food is always served to your customers by requiring the oil be filtered after "x" amount of times. Any product key with Filter Lockout programmed will cease to operate until the oil is filtered. A filter lockout cycle count (valid range 0 to 99) can be programmed for each product key. To disable filter lockout, enter 0 for the filter lockout count.

Programmable Global Filter Lockout

A single filter lockout cycle count can be programmed to apply globally to all product keys.

Programmable Hold Time Linking

Each product key can be linked to an independent hold timer, or multiple product keys can be linked to a single hold timer.

Programmable Hold Times

Product key hold times can be programmed to track product quality through a specified holding period. Hold time countdown begins as soon as the cook cycle is complete. The controller will sound an alarm when the product's hold time has expired alerting the operator to discard the product.

Automatic Least Hold Display

Product with the least amount of hold time remaining will be shown in the display. Pressing and holding the SCAN key allows you to view each active product's remaining hold time.

Melt Cycle

If the vat temperature is below the Melt Limit Temperature and the controller is ON, it will control the melting of the oil.

Programmable Operating Mode

The controller can be programmed to operate as either a controller or timer.

Programmable Pressure Valve

The pressure valve state for each stage on each product key can be programmed. The valve can be open or closed.

Note: The valve is normally open when not cooking.

Programmable Stage Temperatures

Cook temperatures for each stage on each product key can be programmed. The valid temperature range is 200°F to 400°F (93.3°C to 204.4°).

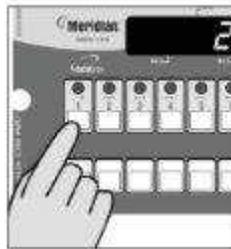
Programmable Stage Times

Cook times for each stage on each product key can be programmed. The controller is programmable in minutes (up to 99) and seconds (up to 59) and allows up to ten stages per product key.

NOTE: Multiple cook starts are not allowed if a product key has more than one stage programmed.

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Operating the Controller



Start a Cook Cycle

Press any product key to start a cook cycle. If the key is programmed, the correct cooking time will be displayed and will immediately start to count down in minutes and seconds. DONE will display when the cook cycle has ended.

The pressure solenoid will also close if programmed to do so, or a basket lift will lower if so equipped.

If DONE is displayed immediately and the unit starts to signal, the product key being pressed is not programmed.

Stop a Cook Cycle

Press and hold an active product key for 3 seconds. Timing will stop.

Respond to a DONE Alarm

Cancel the signal by pressing the same product key used to start the cook cycle.

Action Alarms

If the controller is programmed for action alarms, they will signal at a preset time during the cooking cycle. The signal, a dual-rhythm beeping, will last 5 seconds and then self-cancel. The display will flash the action alarm time and the controller will start counting toward 0:00.



Holding Timers

If the controller is programmed with holding times, they will automatically start counting upon expiration of the cooking cycle.

When there are active hold times, the HOLD indicator light will be lit.

To View All Active Hold Times, press and hold the HOLD key. Upon expiration, the timer will display HOLD and pulse with an audible tone. To acknowledge, press the HOLD key.

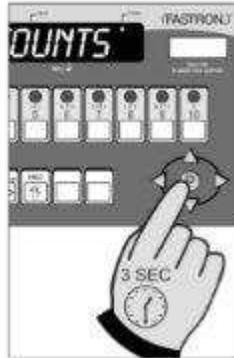
Operating the Controller

Boil Mode



CAUTION: THE USER MUST CONSULT AND FOLLOW THE APPLIANCE MANUFACTURER'S GUIDELINES FOR CLEANING AND BOILING OF THE FRY VATS. If your fryer manufacturer recommends this procedure, the boil function accurately maintains the fryer temperature at 190°F (88°C) to assist in the cleaning of fry vats. To start the boil process, turn the appliance OFF. Empty the fry vat of oil. Once the vat is emptied of oil and refilled with cold water, the controller and fryer may now go into boil mode.

The fry vat must be below a temperature of 200°F (93.3°C) to enter the boil mode.



NOTE: The fry vat will maintain a temperature of 190°F (88°C) to allow the boil function to be performed.

To Enter Boil Mode: Press and hold the P key for 3 seconds. COUNTS will be displayed.

Press the up or down arrow keys until BOIL is displayed, then press the P key. BOIL will be displayed.

To Exit Boil Mode, press and hold the P key for 3 seconds. COUNTS will be displayed.

Press the up or down arrow keys until BOIL is displayed, then press the P key. The controller has now exited boil mode. If unit has an ON/OFF, you can also exit by turning the unit OFF then back ON.



CAUTION: Refill the vat with oil ONLY when it is completely dry.

Fill Mode

If the controller is programmed for filter lockout, FILTER will appear in the display after the pre-programmed number of cook cycles allowed. The controller will stop operating until the fryer is filtered. After filtering, the display will read FILL. **At this time, the fryer MUST be refilled with oil.** When this step is complete, press ENTER to resume normal operations.



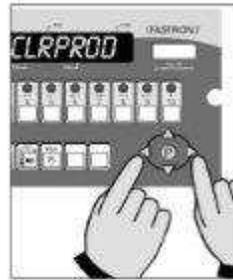
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Operating the Controller

Product Counts

To Check Product Counts: press and hold the P key for 3 seconds. COUNTS will be displayed.

Press the P key. PROD 1 will be displayed then the number of cooks that were completed on that key. To see the number for each key, continue to press the P key and each product will display PROD X then the number of cooks.



Resetting the Product Counts: Once you go through all keys, the display will show CLRPROD then NO. Use the left and right arrow keys to toggle between YES and NO. Choose YES to reset your product count or NO to save the cook counts that have already been completed. Then press the P key.

The display will show GLOBAL. This is the total product count of all keys combined. Press the P key again. CLRGLOBL then NO will be displayed. Use the left and right arrow keys to toggle between YES and NO. Choose YES to reset your total product count or NO to save the total cook counts that have already been completed. Then press the P key. TOTALX10 is displayed, then a number. Press the P key again.

To Exit Product Counts: COUNTS will be displayed. Press the up arrow key. EXIT will be displayed. Press the P key. The controller will exit programming mode.

Display Descriptions

LO

Controller is in Operating Mode. Actual vat temperature is more than 10 degrees below the programmed vat temperature.

Controller is in Operating Mode. Actual vat temperature is within the proper cooking temperature range. The vat is ready to start a cook cycle.

DROP
READY

HI

Controller is in Operating Mode. The actual vat temperature is more than 40 degrees above the highest programmed vat temperature. A continuous audible alarm will sound.

PROBE

Controller's probe is either open or shorted. Display will be accompanied with an audible alarm if shorted. Check or replace the probe.

2:30

Controller is in Operating Mode and a cook cycle is in progress.

DONE

Controller is in Operating Mode and a cook cycle has been completed.

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Display Descriptions

CODE	Controller is waiting for a pass code to be entered.
PRODUCT	Controller is in Product Key Programming Standby mode.
TIME 1	Stage cooking time (1-10) is displayed.
TEMP 1	Stage cooking temperature (1-10) is displayed.
TIMING 1	Stage timing mode (1-10) (flex or straight) is displayed.
PRESS 1	Solenoid condition (1-10) (open or close) is displayed.
ALTIME1	Action alarm status is displayed.
FILL	After fryer is filtered, this display prompts you to refill the fryer with oil.
SYSTEM	Controller is in System Programming Standby Mode.
TEMPUNIT	Controller is in Fahrenheit or Celsius Programming Mode.
APPLIANC	Controller is in Appliance Type Programming Mode.

Programming: PRODUCT KEY



18 button controllers have two displays that show a full line of information; for example:

TIME **2:00**

10 button controllers have a single, dual-purpose display that will alternate information; for example:

TIME then **2:00**

RECIPE 1724 STORE EMPLOYEE

ENTER PROGRAMMING MODE.

Press and hold the P key for 3 seconds.



COUNTS

Press the down arrow key.



PROGRAM

PROGRAM will be displayed. Press the P key.



Programming: PRODUCT KEY

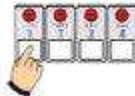


Some controllers may have different options listed.

Depending on model, you can either press the P key to change all programmable settings or you can scroll using the arrow keys to any of the specific options.

CODE

Type in 1 7 2 4 using the product keys. Press the P key.



RECIPE

Press the P key. All product key LEDs will light up.



PRODUCT

PROGRAM A PRODUCT KEY. Press the product key you want to program. Press the P key.



ALL

Press the P key.



NAME

XXXXXXXX

SET PRODUCT DISPLAY NAME. NAME will be displayed then the actual product name. Use the up and down arrow keys to scroll through the library. Press the P key to lock in your choice.



TIME 1

XX:XX

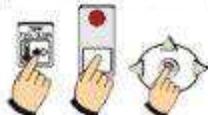
SET COOK TIME. Actual set time will be displayed. To change, press toggle clear to change the time to zero. Type in a new time using the product keys. Press the P key.



TEMP 1

XXXX

SET COOK TEMPERATURE. Actual set temperature will be displayed. To change, press toggle clear to change the temperature to zero. Type in a new temperature using the product keys. Press the P key.



TIMING 1

STRAIGHT

FLEX

SENSITIV

SETTING MODE. Use the left and/or right arrow keys to choose Straight, Flex or Sensitivity. Press the P key.



PRESS 1

OPEN

CLOSED

SET SOLENOID MODE. Use the left or right arrow keys to choose either OPEN or CLOSED. Press the P key.



Some models have up to 3 action alarms.

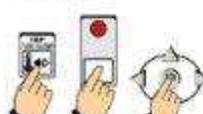


NOTE: On some models, each product key can be programmed with up to 10 stages. If no additional stages are required at this point, set the time to zero. Press the P key to continue to Action Alarm.

TIME 2

XX:XX

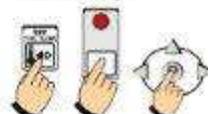
SET COOK TIME #2. Actual cook time will be displayed. To change, press toggle clear to change the time to zero. Type in a new time using the product keys. Press the P key. Repeat above steps.



ALATIME1

XX:XX

SET ACTION ALARM. Actual alarm time 1 will be displayed. To change, press toggle clear to change the time to zero. Type in a new time using the product keys. Press the P key.



Programming: PRODUCT KEY

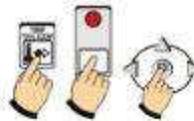
ALMNAME1
XXXXXXXX

SET ACTION ALARM NAME. ALMNAME1 will be displayed, then the actual action alarm name. Use the up and down arrow keys to scroll through the library. Press the P key to either go to next action alarm name, or continue through programming.



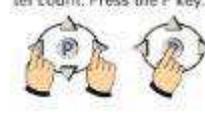
HOLDTIME
XX:XX

SET HOLD TIME. Actual hold time will be displayed. To change, press toggle clear to change the time to zero. Type in a new time using the product keys. Press the P key.



FILTRCNT
X
NONE

SET FILTER COUNT. Actual filter count will be shown (1-99 or NONE). Use the left and right arrow keys to set a new filter count. Press the P key.



ALL

EXIT PROGRAMMING MODE. Press the up arrow key.



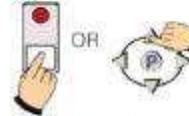
EXIT

Press the P key.



PRODUCT

Either press another product key to program and repeat the programming instructions, or exit by pressing the up arrow key.



EXIT

Press the P key.



RECIPE

Press the up arrow key.



EXIT

Press the P key.



Programming: SYSTEM

SYSTEM 3228 STORE MANAGER

ENTER SYSTEM PROGRAMMING MODE. Press and hold the P key for 3 seconds.



COUNTS

Press the down arrow key.



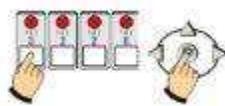
PROGRAM

PROGRAM will be displayed. Press the P key.



CODE

Type in 3 2 2 8 using the product keys. Press the P key.



SYSTEM

Press the P key.



APPLIANCE

GAS
ELEC
GEN

SET APPLIANCE MODE. Use the left and/or right arrow keys to choose Gas, Electric or Generic. Press the P key.



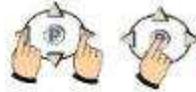
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Programming: SYSTEM

CTRTYPE

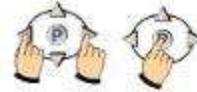
TEMPCTRL
TIMECTRL

SET CONTROL TYPE. Use the left and/or right arrow keys to choose Temperature or Time Control. Press the P key.



TONEVOL

SET TONE VOLUME. Use the left and/or right arrow keys to choose 1, 2, 3, 4 or NONE. Press the P key.



TEMPUNIT

F
C

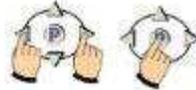
SET TEMPERATURE SCALE. Use the left and/or right arrow keys to choose Fahrenheit (F) or Celsius (C). Press the P key.



PREHEAT

YES
NO

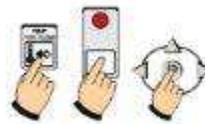
SET PREHEAT MODE. Use the left and/or right arrow keys to choose Yes or No. Press the P key.



SETBTIME
COOLTIME

XX:XX

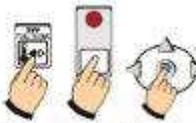
PROGRAM SET BACK TIME. Actual set time will be displayed. To change, press toggle clear to change the time to zero. Type in a new time using the product keys. Press the P key.



SETBTEMP
COOLTEMP

XXXX

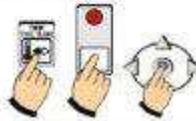
PROGRAM SETBACK TEMPERATURE. Actual set temperature will be displayed. To change, press toggle clear to change the temperature to zero. Type in a new temperature using the product keys. Press the P key.



FILTRCNT

X

SET FILTER COUNT. Actual filter count will be shown (1-99). To change, press toggle clear to change the count to zero. Type in a new filter count using the product keys. Press the P key.



COOKUNIT

MM:SS
HH:MM

SET COOK TIME UNIT. Use the left and/or right arrow keys to choose Minutes/Seconds or Hours/Minutes. Press the P key.



HOLDUNIT

MM:SS
HH:MM

SET HOLD UNIT. Use the left and/or right arrow keys to choose Minutes/Seconds or Hours/Minutes. Press the P key.



SYSTEM

EXIT SYSTEM PROGRAMMING MODE. Press the up arrow key.



EXIT

Press the P key.



READY

You have now EXITED System Programming Mode and can operate the controller.

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Programming: OFFSET

SYSTEM 3228 STORE MANAGER



Offset Temperature can be set from 20 to -20F (-6.6 to -28.8C).

ENTER OFFSET PROGRAMMING MODE.

Press and hold the P key for 3 seconds.



COUNTS

Press the down arrow key.



PROGRAM

PROGRAM will be displayed. Press the P key.



CODE

Type in 3 2 2 8 using the product keys. Press the P key.



SYSTEM

Press the down arrow key UNTIL Offset is displayed.



OFFSET

Press the P key.



XXF XXC

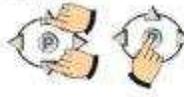
Use the product keys to enter a new offset temperature. To change from negative to positive, use the left and right arrow keys. Press the P key.



OFFSET

EXIT OFFSET PROGRAMMING MODE.

Press the up or down arrow keys to scroll to EXIT. Press the P key.



EXIT

Press the P key.



READY

You have now EXITED Offset Programming Mode and can operate the controller.

Programming Custom Product & Action Alarm Names to the Library

SYSTEM 3228 STORE MANAGER

ENTER LIBRARY PRO- GRAMMING MODE.

Press and hold the P key for 3 seconds.



COUNTS

Press the down arrow key.



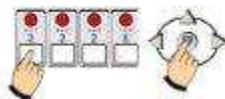
PROGRAM

PROGRAM will be displayed. Press the P key.



CODE

Type in 3 2 2 8 using the product keys. Press the P key.



SYSTEM

Press the down arrow key to select either PRODLIBR OR ALRMLIBR.



PRODLIBR

ALRMLIBR

Choose either PRODLIBR (Product Library) or ALRMLIBR (Action Alarm Library) by pressing the P key.



A flashing dash will be displayed. Press the SCAN key and use the product keys to spell a new word. Press the right arrow key to advance to the next character position.



Continue spelling the word. When done, press the P key.



ADD

TO SAVE WORD, press P again. Skip to Exit Library Programming.



TO CANCEL OR MODIFY, see next step.

ADD

CANCEL

MODIFY

TO CANCEL OR MODIFY WORD, press the left or right arrow keys to select CANCEL or MODIFY.



IF YOU CHOOSE CANCEL:

CANCEL

Press the P key to EXIT and cancel the word.



IF YOU CHOOSE MODIFY:

MODIFY

Press the SCAN key to go back and modify the word.



PRODLIBR

ALRMLIBR

EXIT LIBRARY PROGRAMMING. Press the up or down arrow keys until display reads EXIT.



EXIT

Press the P key.



READY

You have now EXITED Library Programming Mode and can operate the controller.

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