

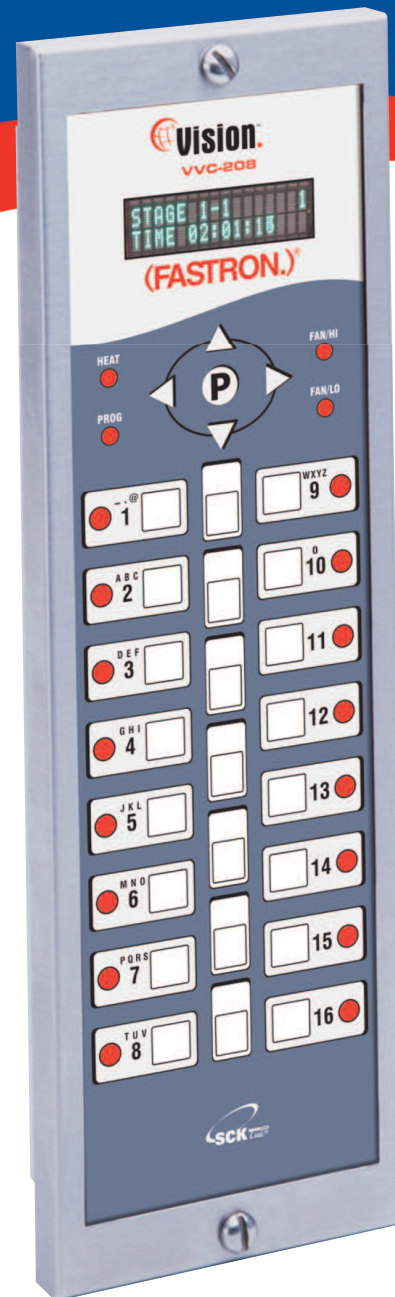
(FASTRON.)[®]

VISION Series

Vertical Oven Controller with Steam & Damper

231-60230-04

Programming Guide



Toll-Free Technical Support

24 Hours A Day, 365 Days A Year

(from the U.S., Canada and the Caribbean)

1-800-243-9271

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the time is right.

www.fastinc.com 1-800-FASTRON

\$5.00 USD

 **FAST is not liable for any use of product not in accordance with its installation and operating instructions.**

Before using this equipment, or for any questions on the operation of the appliance, consult and follow all instructions and safety warnings found in the appliance operator's manual supplied from the manufacturer of the appliance.

Not all features are available on some models.

Controller Operating Environment

The solid state components in this controller are designed to operate reliably in a temperature range up to 158°F/ 70°C. Before installing this controller, it should be verified that the ambient temperature at the mounting location does not exceed 158°F/ 70°C.

Cleaning the Controller

Using a clean damp cloth, wipe down your controller daily.

Do not allow oil to build up on any part of the controller.



NEVER use chemical or abrasive cleaners on your controller. The controller's overlay may be damaged.

Recipe Programming—1724

Entering Programming and Changing Recipes

Press and hold the “P” for 3 seconds.

PRODUCT CNT will be displayed. Press the down arrow.


PROGRAMMING will be displayed, then press the “P” key.

ENTER CODE will be displayed.


From *ENTER CODE*, type in 1724, then press the “P” key.

Display will show *RECIPE*. Press the “P” key and all product LEDs will light up and the display will read *SELECT PRODUCT TO PROGRAM*.

Press the Product key you would like to program.

 NOTE: Some controls have different options than what are listed.

ALL will be displayed.

 NOTE: Depending on the model of the unit, you can either press the “P” key to change all of the programmable settings or you can scroll using the arrow Up or Down keys to any of the specific options.

From *ALL* being displayed press the “P” key.

PRODUCT NAME will be displayed. To scroll through the Library, use the arrow Up or Down keys or you can use the letters on each key to start a word from the Library. Once you have chosen your word, press the “P” key.

STAGE X TIME will be displayed with the current set time *XX:XX*. To change, type in a new time, then press the “P” key.

STAGE X TEMP will be displayed with the current set temp *XXXF*. To change temperature, type in your new temperature. Then press the “P” key.

STAGE X TIMING will be displayed, then either *STRAIGHT*, *FLEX* or *SENSITIVITY*. Use the left or right arrow keys to change between the 3 settings. Then press the “P” key.

If *SENSITIVITY* is selected:

STAGE X SENS will be displayed with the current sensitivity setting *0-9*. To change the sensitivity setting, type in your new setting. Then press the “P” key.

STAGE X FAN SPD will be displayed, then either *HIGH* or *LOW*. Use the left or right arrow keys to change between the 2 settings. Then press the “P” key.


STAGE X FAN CYC will be displayed, then either *FULL*, *HEAT*, or *PULSE*. Use the left or right arrow keys to change between the 3 settings. Then press the “P” key.

If *PULSE* is selected:

STAGE X FAN ON will be displayed with the current time *XX:XX*. To change the Fan ON time, type in a new time. Then press the “P” key.

STAGE X FAN OFF will be displayed with the current time *XX:XX*. To change the Fan OFF time, type in a new time. Then press the “P” key.

STAGE X STERIL will be displayed followed by either *ON* or *OFF*. Use the left or right arrow keys to change between the two settings. Press the “P” key.


 NOTE: Each product key can be programmed with up to 10 stages. If no additional stages are required, set the time to zero, and press the “P” key to continue to Alarm Time.

ALARM X TIME will be displayed with the current time *XX:XX*. To change the alarm time, type in a new time. Then press the “P” key.

ALARM X NAME will be displayed with the current name. To scroll through the Library, use the arrow Up or Down keys or you can use the letters on each key to start a word from the Library. Once you have chosen your word, press the “P” key.

ALARM X DONE will be displayed along with either *AUTOMATIC* or *MANUAL*. Use the left or right arrow keys to change between the 2 settings. Then press the "P" key.

ALARM X TONE will be displayed with either *SHORT*, *MEDIUM*, *LONG*, *DOUBLE*, *LONG/SHORT*, or *NONE*. Use the left or right arrow keys to change between the 6 settings. Then press the "P" key.

 NOTE: You can set up to 3 alarms per key. Follow the above directions if 3 are needed.

HOLD TIME will be displayed with the current time *XX:XX*. To change, type in a new hold time. Then press the "P" key.

HOLD TEMP will be displayed with the current hold temperature *XXXF*. To change, type in a new hold temperature. Then press the "P" key.

HOLD DONE will be displayed along with either *AUTOMATIC* or *MANUAL*. Use the left or right arrow keys to change between the 2 settings. Then press the "P" key.

HOLD FAN SPEED will be displayed then either *HIGH* or *LOW*. Use the left or right arrow keys to change between the 2 settings. Then press the "P" key.

Exit Programming

From *ALL* being displayed Scroll up to *EXIT* and press the "P" key. *RECIPE* will be displayed. Scroll down to *EXIT* and press the "P" key.

System Programming—3228

Entering System Programming and Changing System Settings

Press and hold the "P" for 3 seconds.

PRODUCT CNT will be displayed. Press the down arrow key.

PROGRAMMING will be displayed. Press the "P" key.

ENTER CODE will be displayed.

From *ENTER CODE*, type in 3228, then press the "P" key.

Display will show *SYSTEM*. Press the "P" key.

APPLIANCE TYPE will be displayed then either *ELECTRIC FULL*, *ELECTRIC HALF*, *GAS HALF*, *GAS FULL*. To change between the 4 settings, use the left and right arrow keys. Then press the "P" key.

LANGUAGE will be displayed, then either *ENGLISH* or *OTHER*. Use the left or right arrow keys to change between the 2 settings. Then press the "P" key.

TONE VOLUME will be displayed, then either *1-4* or *NONE*. Use the left or right arrow keys to change between the 5 settings. Then press the "P" key.

TEMPERATURE will be displayed, then either *F* or *C*. Use the left or right arrow keys to change between the 2 settings. Then press the "P" key.

HOLD TIME will be displayed with the current time *XX:XX*. To change the hold time, type in your new time. Then press the "P" key.

HOLD TEMP will be displayed with the current hold temp *XXXF*. To change the hold temp, type in your new temperature. Then press the "P" key.

HOLD DONE will be displayed along with either *AUTOMATIC* or *MANUAL*. Use the left or right arrow keys to change between the 2 settings. Then press the "P" key.

HOLD FAN SPEED will be displayed, then either *HIGH* or *LOW*. Use the left or right arrow keys to change between the 2 settings. Then press the "P" key.

SETBACK TIME will be displayed, then *XX:XX*. To change the Setback time, type in your new time. Then press the "P" key.

SETBACK TEMP will be displayed with the current setback temp *XXXF*. To change the setback temperature, type in your new temperature. Then press the "P" key.

PREHEAT TIME will be displayed then *XX:XX*. To change the preheat time, type in your new time. Then press the "P" key.

Factory Programming—3228

Entering Factory Programming and Changing Factory Settings

Press and hold the "P" key for 3 seconds.

PRODUCT CNT will be displayed. Press the down arrow.

PROGRAMMING will be displayed. Press the "P" key.

ENTER CODE will be displayed.

From *ENTER CODE* type in 3228, then press the "P" key.

Display will show *SYSTEM*.

Press the down arrow key to *FACTORY*, then press the "P" key.

MAX PROG TEMP will be displayed, then either *550F* or *500F*. Use the left or right arrow keys to change between the 2 settings. Then press the "P" key.

FAN SPEED TYPE will be displayed, then either *1 SPEED* or *2 SPEED*. Use the left or right arrow keys to change between the 2 settings. Then press the "P" key.

If you change the default setting, the controller will prompt (Are you sure? Existing recipes fan speed will be reset!). Choose *YES* or *NO*, then press the "P" key.

Exit System Programming

SYSTEM will be displayed. Press the arrow up key and *EXIT* will be displayed. Then press the "P" key.

Adding Product and Pre-alarm Names—3228

Programming a Custom Product and Pre-alarm Name

Press and hold the “P” for 3 seconds.

PRODUCT CNT will be displayed. Press the down arrow.

PROGRAMMING will be displayed, then press the “P” key.

ENTER CODE will be displayed.

From *ENTER CODE* type in 3228 then press the “P” key.

Display will show *SYSTEM*. Press the down arrow key until either *PRODNAME LIB* or *ALARM LIB* is displayed.

Press the “P” key and a flashing dash will be displayed.

Press the SCAN key and use the number keys to spell the new word using the right arrow key to go to the position of the word. Once the word is spelled press the “P” key and *SAVE LIBRARY ADD* will be displayed.

If you press the “P” key again the word you spelled will be saved. If you don’t want the word or need to modify it, press the left or right arrow key to CANCEL or MODIFY and press the “P”.

NOTE: To delete the word and start over press the TOGGLE/CLEAR key.

To Exit Library Mode

Either *PRODNAME LIB* or the *ALARM LIB* will be displayed. Press the arrow up or down key until the display reads Exit. Press the “P” key.

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Specifications subject to change without notice.

Customer Service and Technical Assistance

Our customer service department is available for orders and questions Monday through Friday between the hours of 8 AM and 5 PM EST. Call us toll-free at **1-800-FASTRON** (1-800-327-8766) if you're in the US, Canada or the Caribbean, or at 203-378-6860 if you're outside of these areas.

Toll-free technical assistance is available 24 hours a day, 365 days a year by calling **1-800-243-9271** (from the U.S., Canada and the Caribbean) when help is needed immediately.

You can also send an instant email message to a FAST technician, Monday through Friday, 8am-5pm EST, by going to www.fastinc.com, selecting the 'Support' link at the top of the page, and clicking on 'Contact Tech Support.'

Free Program for Service Exchanges

FAST provides an Exchange Program, at no extra cost, if a unit should fail. In the event of failure, you have the option of (1) receiving a replacement product from our factory, freight prepaid; (2) exchanging the failed product for a replacement product at one of our authorized local service centers; or (3) selecting on-site repair or replacement of the failed unit by one of our authorized local service centers.

To take advantage of this program, simply call our toll-free customer service number, 1-800-243-9271. If you elect to receive an exchange unit from the factory, a replacement unit will be sent immediately. Upon receipt of the replacement unit, simply return the failed unit to the factory, freight prepaid, using the same carton and packing material in which the replacement unit was shipped. The unit will be replaced free of charge, if still under warranty, and if the product shows no evidence of abuse or alteration. If the unit is not under warranty, you will pay repair charges and shipping costs to and from the factory.

Any minor adjustment or calibration and any labor costs for the replacement of probes will be made at your expense.

The FAST Exchange Program is available to any FAST Domestic Customer whose account is current, and applies to all FAST Timers, Computers and Controllers.



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WARRANTY

FAST warrants all new timers, computers, and controllers for 1 year from the date of purchase including computers, controllers, and timers. FAST warrants all other items for a period of 90 days unless otherwise stated at the time of purchase.

PATENTS

The products manufactured by FAST are protected under one or more of the following U.S. Patents:

| | | | |
|-----------|-----------|-----------|-----------|
| 5,331,575 | 5,539,671 | 5,711,606 | 5,723,846 |
| 5,726,424 | 5,875,430 | 6,142,666 | 6,339,930 |
| 6,401,467 | 6,505,546 | 6,581,391 | 7,015,433 |
| 7,650,833 | | | |

Plus foreign patents and patents pending. Plus licensed patent 5,973,297

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