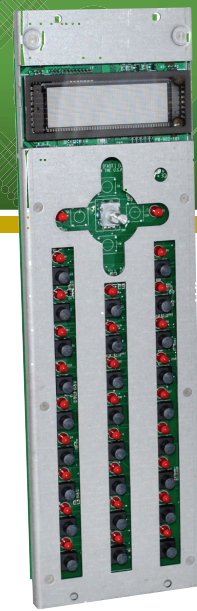


# Vision Series Model LVVC

## Multi-Process Controls



### WHY BUY THIS PRODUCT

#### Cost effective appliance design for manufacture

- Easy software reconfiguration for a variety of appliance platforms and applications
- Reduced SKUs across multiple appliances from a multi-configurable control
- Allows complex multi-function operations to be accomplished automatically

#### Reduced customer support costs

- Enhanced food quality, taste, appearance, and consistency as recipes become more complex and ease of use becomes paramount
- Adaptability and serviceability enabled by using (FAST.Edit)<sup>®</sup> software configuration tool
- Advanced diagnostics enhance appliance troubleshooting

#### Additional Value Provided to Your Foodservice Customers

- Enhanced food quality, taste, appearance, and consistency for complex applications where ease of use becomes paramount

#### Innovatively Differentiate Your Products from the Competition

- Extensive list of optional software features
- Simple to use interface and graphical VFD (Vacuum Fluorescent Display) eliminates operator errors
- Adaptability allows use across multiple appliances reducing crew training
- Optional communications allows connectivity for HACCP reporting and to today's automated kitchen systems

### Product Features

- Save energy dollars and prolong appliance life with exclusive Kitchen Brains<sup>™</sup> features such as Setback, SMS (Service Maintenance Scheduling), auto repair alarm, and more
- Two versions for your choice of operating simplicity: (FAST.Nav)<sup>™</sup> programming keys or an encoder knob
- Multiple appliance configurations and tuning parameters software selectable
- Programmable duty cycle flexibility to monitor and manage multiple processes:
  - Time, temperature, motor control, dampers, circulating pumps, solenoids, actuators, broiler, clean mode, detergent dispensing, plus many more
- Product and action alarm names are selectable from either a built-in library or entered manually
- Flexible design allows for a universal design platform across multiple customers/appliances through feature selection such as (FAST.Flex)<sup>™</sup> time, comprehensive diagnostics, and communications
- Bright multi-character graphical VFD Display eases operation and supports multiple languages
- Optional real-time clock

*Reliable and precise premium performance multi-process control with extensive input / output capability to meet your most complex control requirements. Delivers a longer life in extremely demanding environments.*

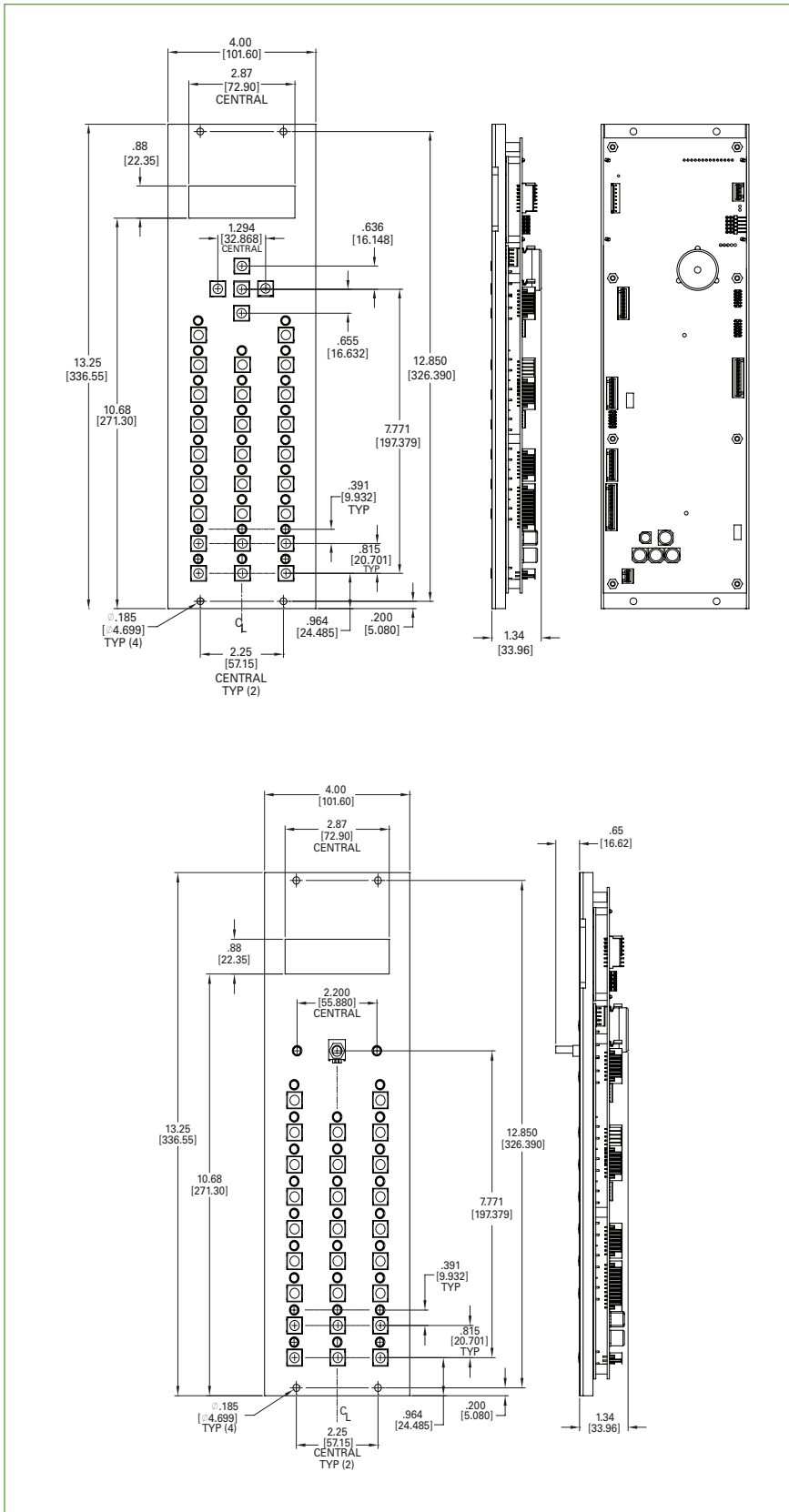
*(Encoder version shown)*

### Popular Appliance Applications

- Broilers
- Convection Roast & Hold Ovens
- Conveyor Ovens
- Deck Ovens
- Fryers
- Grills
- Microwave / Combi / Convection Ovens
- Plus Other Applications

# Vision Series Model LVVC

Multi-Process Controls



DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS

## SPECIFICATIONS

- Input Voltage: 24VAC
- Power Consumption: Not to Exceed 40VA
- Temperature Input Probes: Thermistor & RTD; 100K, 1K RTD up to (7)
- Inputs: Up to 6 Analog, 11 Digital
- Outputs: (8) 24VDC Relay
- Audible Output Devices: Piezo 75 dB @ 3 ft. (0.91 Meters)
- Temp Control Range: 32°F to 550°F (0°C to 287.7°C)
- Temp Offset: Typically +/- 50°F (10°C)
- Temperature Control Type: ON/OFF or SmartStat
- Hysteresis: Typically 0°F to 10°F (-18°C to -12°C)
- Temperature Accuracy: +/- 2 degrees
- Temperature Mode(s): Fahrenheit or Celsius
- Visual Display: Graphical VFD
- LED Life Rating: 50,000 Hours
- User Interface: Multiple user interface display board options available
- Keys: System and Programming
- Keys Cycle Rating: 1 Million
- Display Range Time: 0-99:59
- Time Display: HH:MM, MM:SS
- Noise Spike Protection: 4000 Volt minimum (on timers and all properly installed controls)
- Environmental Operating Conditions: Ambient 158°F/70°C, 95% non-condensing humidity

## SHIPPING WEIGHT

- Approx. 4 lbs. (1.81 Kg) each

## ACCESSORIES

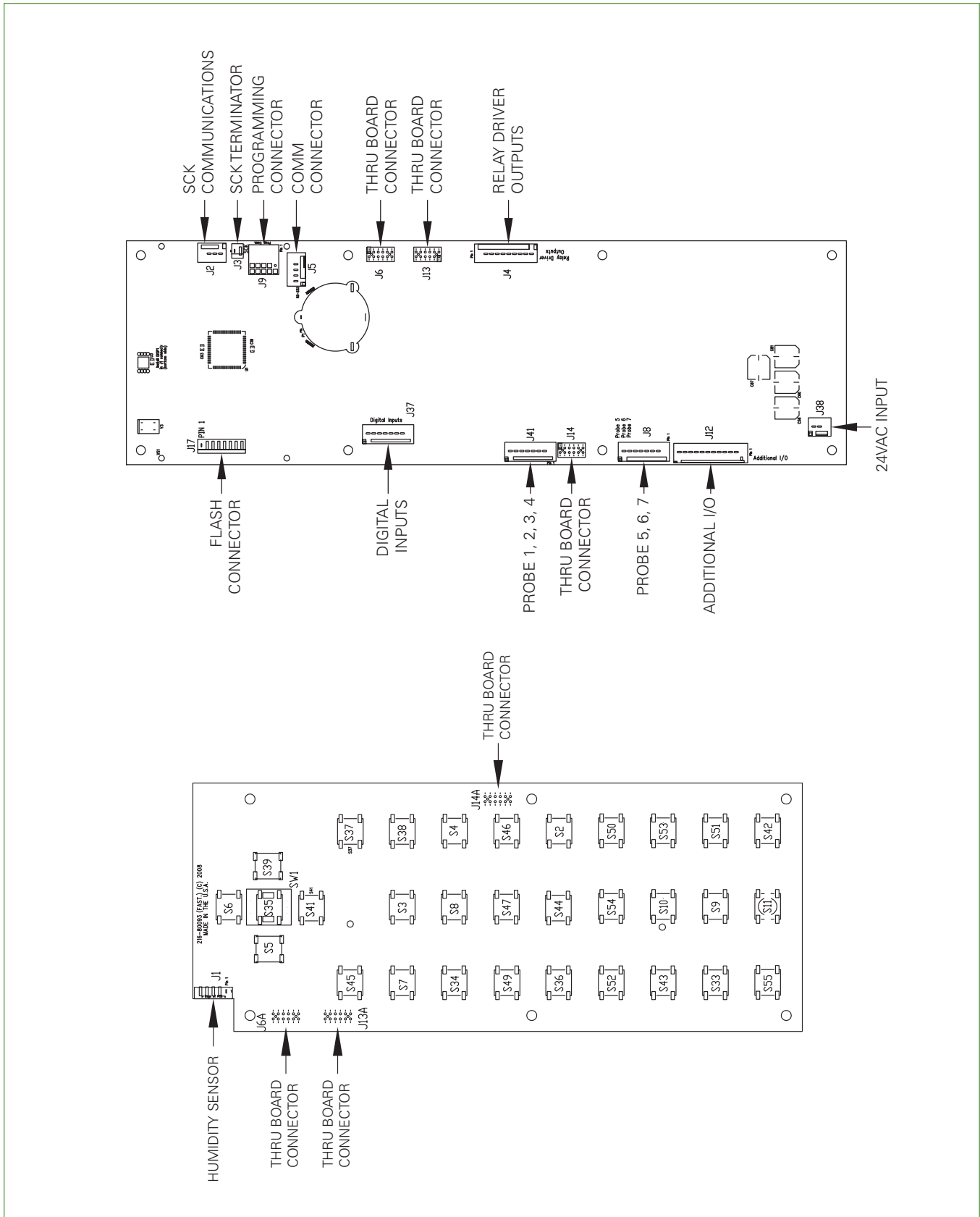
- Daughter Boards: SIB-2020 & SIB-810

## ORDER INFO

Part Number	Description	Case Qty
231-60205-XX	LVVC	10

# Vision Series Model LVVC

Multi-Process Controls



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## Vision Series Model LVVC

Multi-Process Controls

### Want to learn more about Kitchen Brains™ products?

Visit our website to learn about additional controls for our appliance partners:

[www.KitchenBrains.com](http://www.KitchenBrains.com)

RECOGNIZED COMPONENT



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229-51437



## KITCHEN BRAINS

Driven by **(FAST)®** Networked by **SCK**

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Sales: **1-800-FASTRON**

Fax: +1-203-377-8187

International Callers: +1-203-378-6860

[www.KitchenBrains.com](http://www.KitchenBrains.com)

Toll-free technical support 24/7 from the U.S., Canada, and Caribbean: **1-800-243-9271**

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SINGAPORE 65629  
Phone: +65 98315927

### WARRANTY

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

### PATENTS

The products manufactured by Kitchen Brains 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	6,581,391	7,015,433	7,650,833
7,877,291	8,060,408		

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

### Family Applications

Air Boilers	Bain Marie	Beverage Dispensing
Broilers	Buffets	Cheese Melters
Coffee Dispensing	Dishwashers	Drawer Warmers
Freezers	Fryers	Grills/Griddles
Holding Cabinets	Ice Machines	Jacketed Steam Kettles
Laundry Equipment	Marinators	Ovens (Combi, Micro...)
Pasta Cookers	Product Mixers	Proofers
Refrigerators	Rethemalizers	Smokers
Steam Tables	Toasters	...and Others

**What They Do:** Multi-Process controls provide an integrated approach for kitchen crews to be effective in managing the most sophisticated appliances with ease. Multiple input/output functions for consistent and repeatable high food quality and safety are managed by this control family with minimal operator interface.

**Position Within Kitchen Brains™ Product Line:** Premium Performance Solutions.

### Feature Highlights:

- Manage multiple processes / inputs & outputs
- Highly configurable and easy to use
- Multiple configurable outputs coordinated with timing functions
- Cook lockout ability
- SMS (Service Management System)
- Recipe profiling and stage management
- Auto appliance diagnostics
- Easily configurable with custom features added on demand
- Setback mode for energy conservation
- Communications link to today's automated kitchens