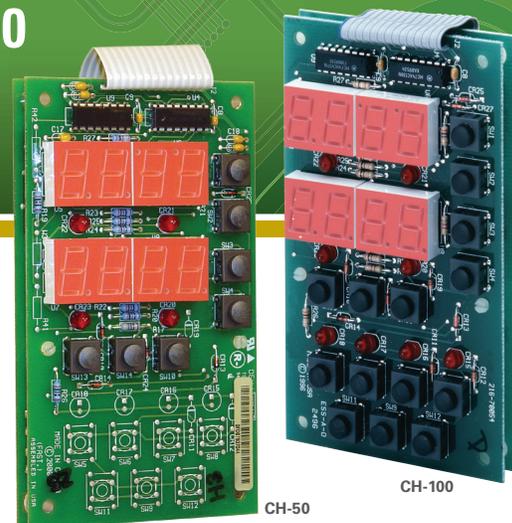


(FASTIMER.)[®] Models CH-50 and CH-100 Multi-Parameter Controls



WHY BUY THIS PRODUCT

Cost effective appliance design for manufacture

- Reduces labor at assembly by removing point-to-point wiring
- Compact size optimizes appliance footprint
- Tab selectable voltage—stock fewer SKUs
- On-board transformer simplifies installation

Reduced customer support costs

- Electronic precision and durability eliminates need for recalibration
- Simple operation reduces operator error
- Longer life than mechanical controls

Additional Value Provided to Your Foodservice Customers

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

Innovatively Differentiate Your Products from the Competition

- Unique two large dedicated time and temperature LED displays
- Simple to use interface eliminates crew errors
- Adaptability allows use across multiple appliances reducing crew training

Product Features

- Robust parameter set configurable for multiple applications:
 - Base configuration includes: recipe time, set temperature, hold mode, steam, heat and fan pulse, and more
- Easy to use touch-n-go programming of recipes/times:
 - CH-50: one-key recipe memory
 - CH-100: one-key recipe memory, plus 3 additional programmable recipe buttons
- Easy Across-the-Kitchen notification of appliance status
 - Standard large 7-segment display and bright LED status indicators
 - Ready, count down time, hold time, cook done, programming prompts
 - Actual temperature, set temperature, fan indicator
 - End-of-cycle audible alarms prompt action
- Analysis and diagnostics monitor alerts in the event of probe failure
- Two large LED dedicated displays for time, and temperature, heat and fan output controls
- RoHS compliance reduces hazardous substances and meets all domestic and international standards

Reliable and precise mid-level dual display controller with independent temperature and time displays.

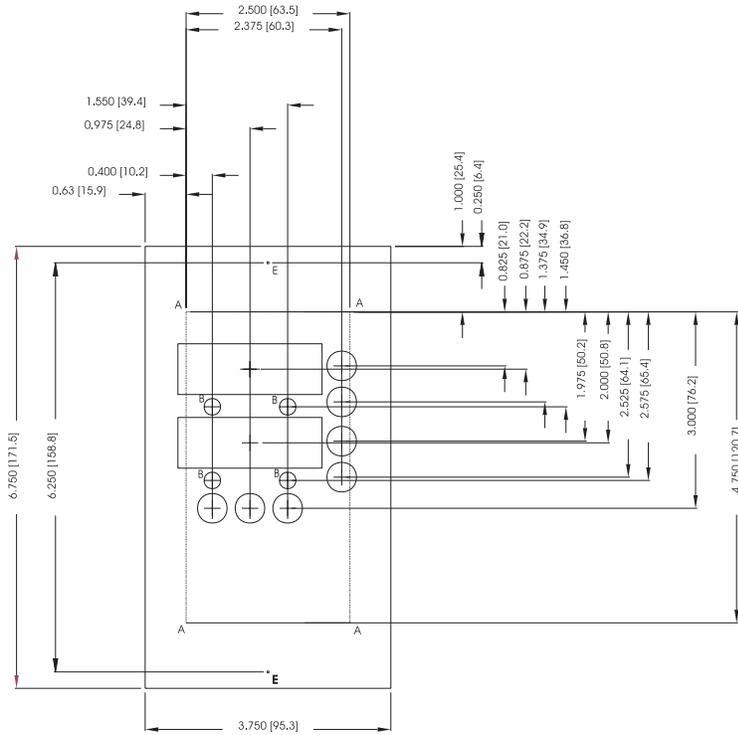
Popular Appliance Applications

- Convection and Roast & Hold Ovens
- Holding Cabinets
- Rethermalizers
- Plus Other Applications

(FASTIMER.)[®] Models CH-50 and CH-100

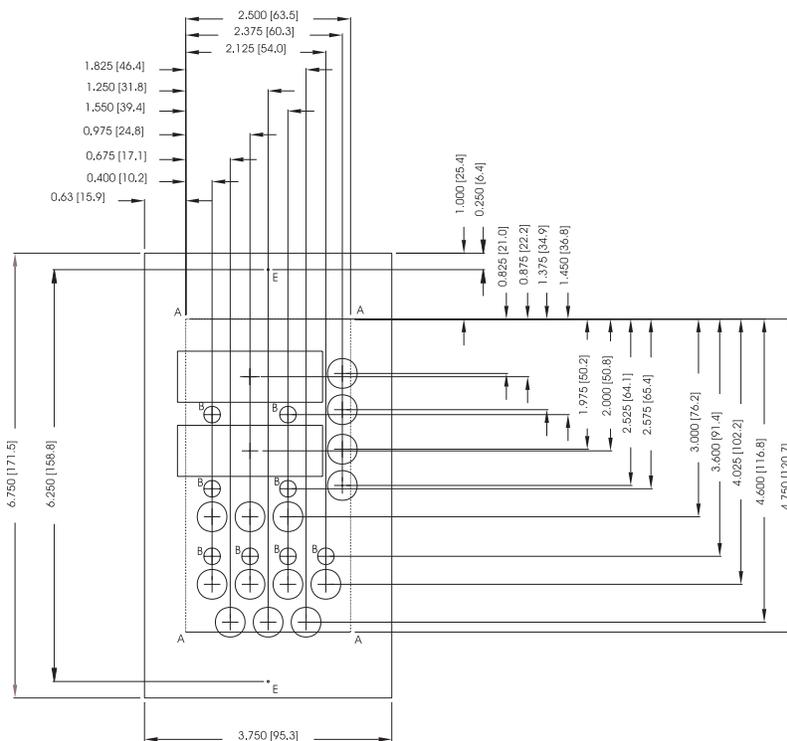
Multi-Parameter Controls

CH-50 (RECOMMENDED SHEET METAL CUTOUT)



DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS

CH-100 (RECOMMENDED SHEET METAL CUTOUT)



DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS

SPECIFICATIONS

- Input Voltage: 120,240VAC +/- 10%; 50/60 HZ; 0.250 inch tab selectable
- Power Consumption: 6VA
- Temperature Probe (Analog) Inputs: (2) 1K RTD
- Digital Inputs: (1) Contact Closure
- Outputs/Type: (2) 24-240VAC @ 5A SPST relay,
 - Life: 100,000 Cycles
- Audible Output Devices: Piezo 95dB at 5 feet (1.51 meters)
- Temperature Control Range: Preprogrammed from 140-500°F (60-260°C)
- Temp. Offset: +/- 20°F (-6.6°C) (Onboard Pot)
- Temperature Control Type: ON/OFF
- Hysteresis: -3 to 0°F (-19.4 to -17.7°C)
- Temperature Accuracy: +/- 5°F (-15°C)
- Visual Displays: (8) - 7 Segment Red LED displays; (4) Red single LEDs CH50; (8) Red single LED's CH-100
- Programming Keys: Pushbutton Keys (7) CH-50; (14) CH-100; Program, Up Arrow, Down Arrow (Time & Temp)
- Keys Rated for 10 million cycles
- Noise Spike Protection: 4000 Volts Minimum (on timers and all properly installed controls)
- Environmental Operating Conditions: Ambient 158°F/70°C, 95% non-condensing humidity

SHIPPING WEIGHT

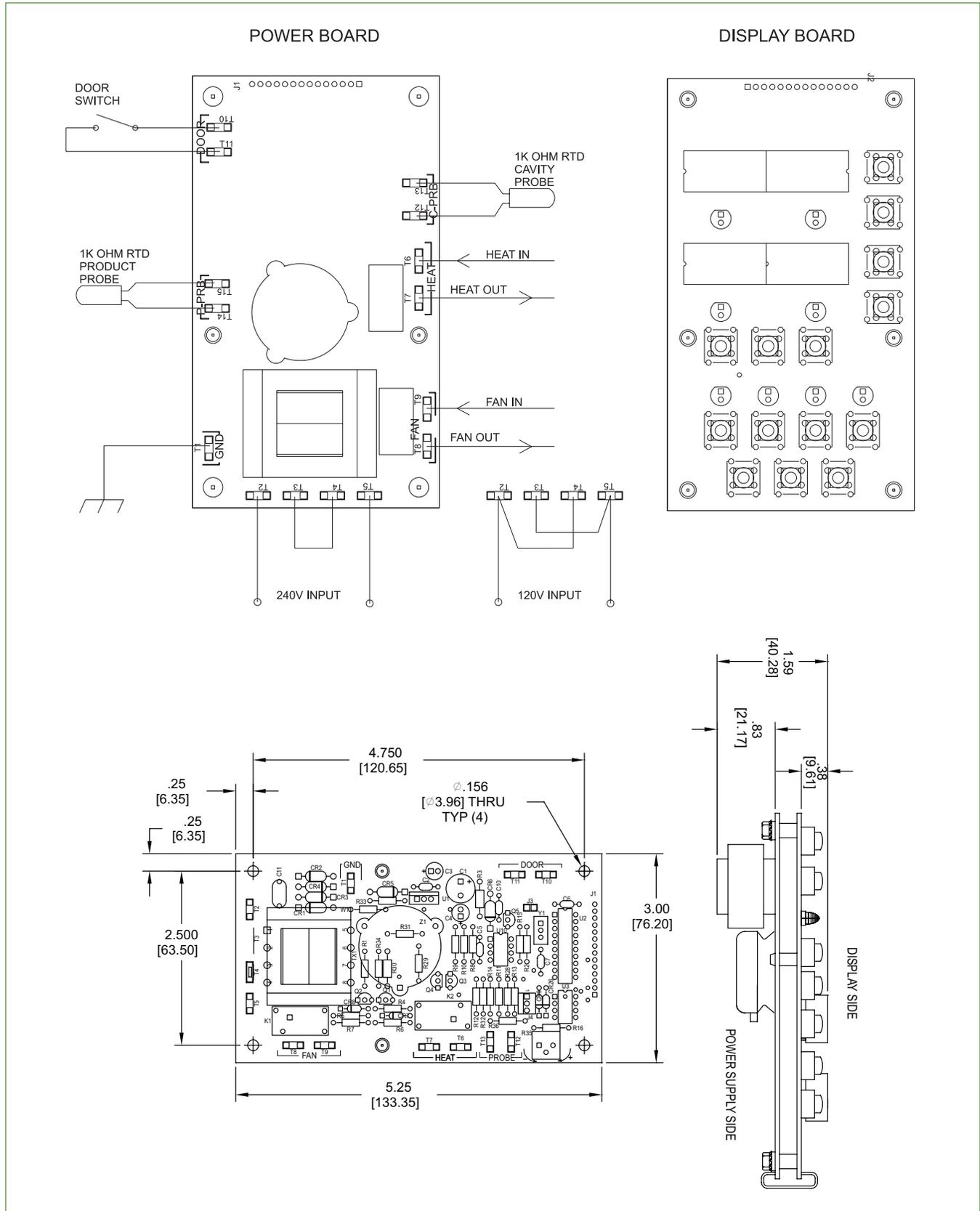
- Approx. 1 lb. (0.46 Kg)

ORDER INFO

Part Number	Description	Case Qty
231-60097-05	CH-50	16
231-60097-01	CH-100	16

(FASTIMER.)® Models CH-50 and CH-100

Multi-Parameter Controls



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(FASTIMER.)® Models CH-50 and CH-100

Multi-Parameter Controls

Want to learn more about Kitchen Brains™ products?

Visit our website to learn about additional controls for our appliance partners:
www.KitchenBrains.com



*When used with a gateway.



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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	Rethermalizers	Smokers
Steam Tables	Toasters	...and Others

What They Do: One integrated solution for a variety of applications. These devices precisely track cook and hold time, maintain appliance temperature within a specified range that minimizes overshoot, and can be configured with many unique feature sets. The result is improved and repeatable food quality with increased yield, and safety that meets HACCP guidelines.

Position Within Kitchen Brains™ Product Line: Mid-range price/performance solutions that are smarter due to application specific features.

Feature Highlights:

- Highly configurable and easy to use
- Versatile recipe programming
- Multiple, configurable outputs coordinated with timing functions
- A wide variety of features such as:
 - Flex and straight time cooking for improved food quality
 - Setback mode for energy conservation
 - Cycle counts and other diagnostics
 - Appliance efficiency test for optimal performance
 - Communications link to today's automated kitchens
 - And more



KITCHEN BRAINS

Driven by (FAST.)® Networked by SCK

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Canada, and Caribbean: **1-800-243-9271**

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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