

MODULARM Model 75 / MODULARM Model 75B

Temperature Alarm For Walk-in Coolers and Freezers



Protects against loss of perishables and helps to avoid costly spoilage by providing audible, visual and remote alarms whenever inordinate temperature conditions exist or whenever power failure occurs.

Features at a Glance

- Completely solid state
- Digital readout of monitored temperatures in °C or °F
- Field adjustable high and low alarm temperature setpoints
- Field adjustable time delay circuitry
- Built-in test circuitry
- Built-in battery and charger circuitry for power failure annunciation
- Built-in transformer (remote transformer also available)
- Standard 25' sensor line
- Sensor accuracy unaffected by length of sensor line
- Safe and alarm lights provide constant visual status of monitored area
- Built-in N/O & N/C dry contacts and pulse output for remote notification
- Fail-safe control circuitry design prevents accidental disabling
- Available in flush or surface mount enclosures

Operation

Adjustments for the alarm temperature setpoints and time delay are set in accordance with the application. Monitored temperature exceeding setpoints causes activation of time delay circuitry. Audible, visual and remote alarm occurs when monitored temperature has remained outside of setpoints beyond length of time delay. Power failure is annunciated immediately upon occurrence.

Application

Schools, cafeterias, hotels, fast food facilities, hospitals, restaurants, industrial or institutional kitchens, blood banks, biomedical labs, industrial processes, environmental rooms.

SPECIFICATIONS

DIMENSIONS

SURFACE MOUNT: 9" L x 4" W x 1.8" D
FLUSH MOUNT: Flange - 10.375" L x 4.75" W
Cutout - 9.375" L x 4.375" W

ENCLOSURE

Drawn aluminum with stainless steel faceplate

TEMPERATURE RANGE

-40°F to 193°F, -40°C to 89°C*

SETPOINT RANGE

-40°F to 120°F, -40°C to 49°C*

TIME DELAY

10 to 150 minutes in 10 minute increments*

TEMPERATURE ACCURACY

+ - 1°F

AUDIBLE NOTIFICATION

Piezo type horn; frequency - 3.8kHz;
SPL - 85db @ 3' TYP

VISUAL NOTIFICATION

Green LED - Safe light, Red LED - Alarm light

REMOTE NOTIFICATION

Dry contacts - Normally open and normally closed; Current capacity - 6 AMP @ 120/240VAC, 6 AMP @ 28VDC; Pulse output - 6VDC for 1 second

VOLTAGE REQUIREMENTS

• 115/230VAC, 50/60Hz

POWER CONSUMPTION

8 watts

*Other ranges available



MODULARM

BROUGHT TO YOU BY
KITCHEN BRAINS®

Food Automation - Service Techniques, Inc.

905 Honeyspot Road, Stratford, CT 06615-7147 USA

Phone: +1-203-377-4414

Sales: 1-800-327-8766

Fax: +1-203-377-8187

International Callers: +1-203-378-6860

www.KitchenBrains.com

Toll-free technical support 24/7 from the U.S.,

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



International offices are located in the United Kingdom, China and Singapore:

Europe, Middle East, Africa
31 Saffron Court Southfields Business Park
Basildon, Essex SS15 6SS ENGLAND
Phone: +44 0 1268544000

China
1803, 18F, No 922 Hengshan Rd
Shanghai 200030, CHINA
Phone: +8613916 854 613

Asia Pacific
13A MacKenzie Road
228676
Singapore
Phone: +65 983159273

WARRANTY

Kitchen Brains warrants that its products shall not fail to function in accordance with their specifications because of defects in material or workmanship, for the following warranty periods:

i. New Products: New Products consisting of microprocessor based controllers, timers, data-loggers or remote monitoring devices for 1 year from date of purchase.

ii. Sensors and Accessories: Sensors and accessories (consisting of probes, wireless sensors, hoses, relays, switches, mounting hardware or accessories) for 90 days from date of purchase.

For complete details consult www.kitchenbrains.com/warranty

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
6,401,466	6,401,467	6,581,391	7,015,433
7,145,463	7,650,833	7,877,291	8,060,408

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