

PHASEFALE

TACmv2

Cool Room and Freezer Controller



T

Temperature
Controller



A

Alarm
Status
Monitoring



C

Control for
Refrigeration
and Defrost



FEATURES

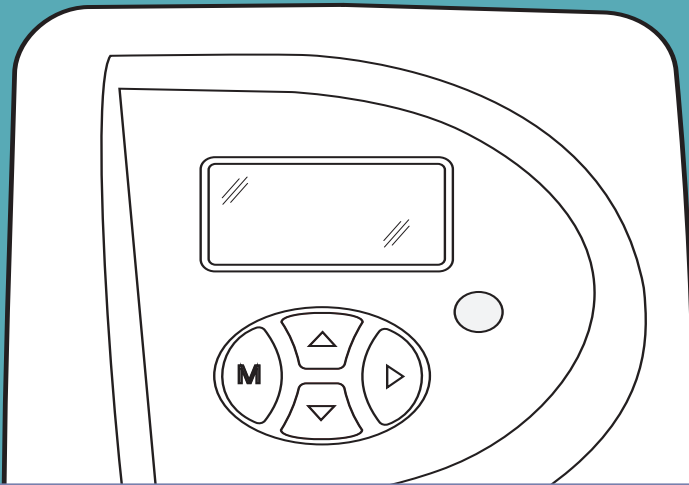
- User Friendly Programming
- Smart Alarm
- Alarm Buzzer
- 3 Digit Precision °F or °C
- Temperature Probe with 19 ft. 8in. (6m) lead - extendable to 328 ft. (100m)
- USB Event and Data Logging
- Anti-Short Cycle Timer
- Electric/Gas Defrost
- Real Time Clock
- Up to 12 Scheduled Defrost Cycles
- Local/Remote Set Points Setting
- Door Alarm and Monitor Function
- Fan Off Control Function
- Self Test Function
- Splash Proof Housing
- Dual Orientation Mounting Base
- UL Listed / FCC Approved

OPTIONS

- WiFi Module (*please contact for availability*)
- Fan Heater Board

TACmv2

Cool Room and Freezer Controller



The TACmv2 is a feature rich and cost-efficient stand-alone controller. Providing superior refrigeration and defrost control, a smart alarm with data logging and user-friendly programming – encased in a rugged housing.

Download / Upload Data via USB

Easily capture data and event logging – date/time-stamped logging of temperatures, door, alarms and control events. Transfer settings and firmware upgrades.



Refrigeration and Defrost Control

Provides flexibility and precision in controlling the refrigeration cycle. A single model supports a wide range of refrigeration and cool room control needs – from simple on/off control of refrigeration plant to full electric defrost systems.

The TACmv2's control functions include configurable anti-short cycle timer to protect refrigeration compressors, plus fan and drain delay periods. Local and remote control of set points and defrost cycle start/stop is also supported. Up to 12 scheduled defrost cycles may be initiated. Defrost cycles may be terminated according to time, optional temperature probe or evaporator klaxon.

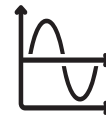


Real-Time Clock Onboard

TACmv2's real-time clock ensures absolute time precision. The clock allows scheduling of up to 12 defrosts. The logging provides a per-minute record of temperatures and alarm events for diagnosis of operational problems, and to assist dispute resolution.

Enhanced alarm functions

A new door monitor and alarm function allow a time-limited 'fan off' function for operator comfort. An on-board 80dB buzzer is included.



Full-featured Alarm Functionality

Freezer and cool room alarm conditions – high and low temperatures and freezer/cool room door open – are comprehensively monitored. Each alarm condition has an adjustable delay to filter out false alarms.

This unit 'remembers' alarm conditions – recent alarm conditions remain in alarm memory and appear the flashing LED alarm display. This plus USB event logging provides vital operational records.

Alarms are displayed locally (flashing display, alarm LED and piezo buzzer) and remotely. Remote connections include external buzzer, alarm lamp, a security output, distress connections and more. The door alarm also offers a 'fan off' (with time-out) comfort function for staff.



User Friendly Programming

Fast setup from the keypad. From basic setting to more advanced program requirements, are all accessible via the simple to use interface - no PC or additional software required.

Structured menu levels use meaningful letter symbols ensure intuitive programming that is quick to master and easy to remember. This saves on training and maintenance costs.

The USB data port makes it easy to replicate programming, saving time and ensuring identical settings from one controller to another. Multiple setting programs can be managed via a collection of thumbdrives.

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