PELICAN touch

TC3 Commercial Connected Thermostat with Integrated CO^2 Sensor

The Pelican Commercial Connected Thermostat with an integrated CO^2 sensor provides customers with virtual indoor climate and ventilation management. The TC3 delivers on leading edge energy efficiency, built-in notifications, and fine tuned comfort. Coupled with the Pelican Web App, the TC3 tracks space temperature, CO^2 levels, and HVAC operational data in real-time and historically.

+ MESH WIRELESS NETWORK
The TC3 communicates over Pelican's wireless. Install a Pelican Gateway to connect the wireless network to the Internet. Each TC3 has built-in state-of-the-art wireless mesh network auto-healing and repeating capabilities.

+ FAULT ALARMING
Built-in equipment fault, temperature, and CO^2 analytics with automated email or text message alerts when a fault is detected.

+ WEB APP
Virtual and central management of TC3 provided for free on all smart phones, tablets, and PCs. Directly manage thermostat temperature and CO^2 levels through the web-app. Designed for intuitive control over multiple thermostats.

+ HISTORICAL TREND DATA
Online viewable historical data of space temperature, set-points, HVAC operation, CO^2 level, and fan.

+ INSTALLATION
Industry standard HVAC terminals utilize existing thermostat wire. Included with the TC3 is Pelican's innovative limited wiring relay pack used in applications where there are only three (3) wires to the HVAC unit.

+ SCHEDULING
Through the Pelican Web App you can schedule the TC3 thermostat for daily, 5-2, or 7-day schedules. Thermostats can also be scheduled as groups, for simple multi-thermostat management.

+ SLIM AND SLEEK
The TC3 design provides both a simple touch interactive experience while disappearing on the wall.

Designed and assembled in the USA
5-Year Limited Warranty

FC
CONTAINS FCC ID
OA3MRF24J40MA

Air Quality Management

Meets California Title 24 and (AB) 841

ROOM TEMPERATURE
72°F
touch to adjust
PELICAN

Specifications

POWER

Hardwire	24VAC, 60Hz; 105 mA
Voltage Range	23 - 30VAC
Relay Current	2.0A running

COMPATIBILITY
24VAC Conventional, Heat Pump, 4-Pipe, 2-Pipe, and Pelican zone damper control.

WIRING

Conventional	R, C, W, W2, Y, Y2, G
Heat Pump	R, C, O/B, AUX, Y, Y2, G

SYSTEM PROTECTION
Four-Minute Compressor Short-Cycle Protection
Temporary Schedule Override
Auxiliary/Emergency Heat Efficiency Algorithm
Keypad Lockout
Trend Data Analytics and Fault Monitoring
Integrated CO^2 sensor, in-room display and alarm

THERMOSTAT RANGE

Operating Range	-20°F to 122°F
Operating Humidity (%RH)	5 to 90% RH; non-condensing
Integrated Room CO^2 Sensor	400 – 2000 PPM; +/- 50ppm accuracy
Storage Temperature	-20°F to 160°F

SIZE

Inch	H 5.2" x W 3.9" x D 0.75"
mm	H 132 x W 99 x D 19

Vertical Mounting. Mounts on vertical single gang ring.