PELICAN

TS200H Internet-Enabled Thermostat with Integrated Humidity Sensor

The Pelican Internet-Enabled Thermostat with Humidity provides commercial customers with virtual climate management. The TS200H delivers accurate temperature management, humidity management, leading edge energy efficiency, built-in safeties and alarming, and fine tuned comfort. Coupled with the Pelican Web App, the TS200H tracks space temperature, humidity levels, and HVAC operational data in real-time and historically. All information is displayed in real-time online and is viewable on any Internet-connected device.

+ MESH WIRELESS NETWORK
The TS200H communicates wirelessly with a GW400 to reach the Internet. Each TS200H has built-in state-of-the-art wireless mesh network communication and repeating.

+ FAULT ALARMING
Built-in system and space analytics with automated email or text message alerts when a fault is detected.

+ WEB APP
Virtual and central management of TS200H available on all smart phones, tablets, and PCs. Directly manage thermostat temperature and humidity levels through a web browser. Designed for intuitive control over multiple thermostats.

+ HISTORICAL TREND DATA
Online viewable historical data of space temperature, set points, humidity level, HVAC demand, and fan demand.

+ INSTALLATION
Industry standard HVAC terminals utilize existing thermostat wire. Included with TS200H is Pelican's innovative limited wiring relay pack (WM500) used in applications where there are only three (3) wires to the HVAC unit.

+ SCHEDULING
Through the Pelican Web App you can schedule the TS200H thermostat for daily, 5-2, or 7-day schedules. Thermostats can also be scheduled as groups, for simple multi-thermostat management.

Designed and assembled in the USA
5-Year Limited Warranty

FC
CONTAINS FCC ID
OA3MRF24J40MA

UL LISTED
ENERGY MGMT EQPT
E471330

Specifications

POWER
Hardwire	24VAC, 60Hz; 50 mA
Voltage Range	23 - 30VAC
Relay Current	1.0A running

COMPATIBILITY
24VAC gas, electric, or oil heating systems.
Conventional and Heat Pump
Zone Damper Actuator

WIRING
Conventional	R, RC, W, W2, Y, Y2, G, C, Dh, H
Heat Pump	R, RC, O/B, AUX, Y, Y2, G, C, Dh, H
Damper Actuator	R, C, Y, Y2, W, W2

SYSTEM PROTECTION
Four-Minute Compressor Short-Cycle Protection
Temporary Schedule Override
Auxiliary/Emergency Heat Efficiency Algorithm
Keypad Lockout
Trend Data Analytics and Fault Monitoring
Humidity Dead Band Protection

THERMOSTAT RANGE
Operating Range	-4°F to 122°F
Differential Temperature	±0.5°F
Operating Humidity (%RH)	5 to 90% RH; non-condensing
Humidity Setting Range	10 – 80% RH
Dehumidify Setting Range	20 – 90% RH
Storage Temperature	-20°F to 160°F

SIZE
Inch	H 3.5 x W 5.97 x D 1.5
mm	H 89 x W 150 x D 38
Horizontal Mounting	

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