

Wireless PTAC to Thermostat (BUN-PTAC1) wireless management and control



Overview

Many hotel guest rooms current do not have thermostats on their walls. With Pelican's wireless technology, instead of having to run new wires to add a thermostat, you can simply install a TCM into the PTAC and place a battery powered wireless thermostat on the wall. These two products are connected through Pelican's intuitive web-app, creating a permanent link to allow the guest to now control their PTAC from a friendly thermostat on the wall.



RT1-DC



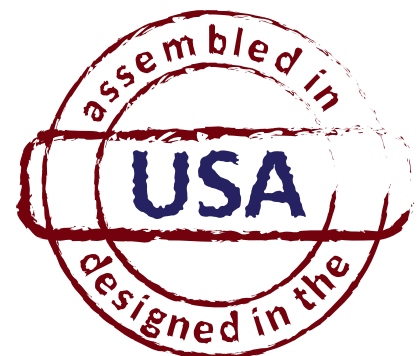
TCM

Features

- Internet Control
 - Real-time web based control over every PTAC
 - Intuitive web based app
 - Set-up via the web based app
 - Automatic battery low alert
- Wireless Communication
 - Wireless to Pelican's Gateway (GW100)
 - Automatically connects
 - TCM - Repeats and Routes wireless signal
- Web Based Control
 - Works with all smartphone browsers
 - Works with all tablet browsers
 - Works with PC browsers: Firefox, Safari, Chrome, Internet Explorer 8+
- Easy Installation
 - Standard industry color coded wiring from RCM to PTAC
 - Self connecting wireless communication
 - Web-based set-up instructions
 - RT1-DC powered by 2 AA batteries
 - Compatible with new installations, replacement installations, and upgradeable pre-wired systems
- Energy Efficiency
 - For hotel's - Pelian's PMS Interface for saving in vacant rooms
 - Calculated energy costs reporting
 - Historical trend data with maintaince alerts
 - Remote management and diagnostics
 - Very accurate temperature detection for proper conditioned management

Key Customer Benefits

- Internet Programmable
- Wireless Communication
- Simple Installation
- Retrofit Friendly
- Advanced maintenance Alarm Notification via email or text message
- User Friendly Interface
- Real-time monitoring and Analytical reporting
- Increase in Comfort
- Energy Savings
- Decrease Maintenance and Operation costs
- Meets 2014 Title 24 Specifications
- 24/7 Email Technical Support
- Monday thru Friday, 8am-5pm PST Live Support
- 5 Year Warranty



Features Cont.

- Thermostat Settings
 - Heat Pump 3 Heat and 2 Cool
 - Conventional 2 Heat and 2 Cool
 - Scheduled Fan setting auto/on
 - Circulating Fan mode
 - Settable temperature limits
- Thermostat Keypad
 - Increase and Decrease temperature settings
 - Shows both set-point and room temperature
 - Auto-change over
 - Light button
 - Can limited temperature setting range
 - Lock and unlock keypad via web-based app (if the Internet goes down keypad unlocks automatically)

Specifications

Compatibility

- Compatible with most 24VAC gas, electric, or oil heating and cooling systems
- Conventional and Heat Pump compatible

Electrical

- Power - hardwire 24VAC; 50mA
- Voltage - 23-30VAC
- Heat current – 1.0 A running
- Cool current – 1.0 A running
- Fan current – 1.0 A running

Wiring

- Conventional Terminals
R, RC, W, W2, Y, Y2, G, C
- Heat Pump Terminals
R, RC, O/B, AUX/E, Y, Y2, G, C

System Regulation and Protection

- 4 minute compressor short cycle protection
- Temporary program override
- Auxiliary or Emergency Heat
- Keypad lockout

Thermostat Range

- Setting Temperature Range – heat: 40°F to 90°F (4.5°C to 32°C), cool: 50°F to 99°F (10°C to 37°C)
- Differential Temperature – ± 0.5 F (± 0.25 C)
- Operating Humidity Range (%RH) – 5 to 90% RH, non-condensing

Size

- Dimensions (in.) H 3.5" X W 5.875" X D 1.5"
- Dimensions (mm) H 89 X W 150 X D 38
- Mounting – Horizontal
- Display Size – 4 square inches



2655 Collier Canyon Road
Livermore, CA 94551

Sales: (888)512-0490
sales@pelicanwireless.com