

RT1 Wireless Remote Sensor

The Remote Wireless Thermostats extend the temperature sensing range of a master Pelican thermostat. Air conditioning systems typically serves multiple rooms or large spaces. The Remote Thermostat is easily installed in a second location to enhance the operation of your HVAC system. Once installed, the Remote Thermostat links wirelessly to a master thermostat. The remote thermostat's temperature is combined with the temperature being measured at the master thermostat to maintain proper temperature throughout the space being conditioned.

+ MULTIPLE LOCATIONS

Up to eight Remote Thermostats can be linked to a single master thermostat. This provides maximum flexibility when managing a large space.

+ MANAGED WEIGHTING

All weighting is managed through the Pelican Web App. Setting different weights between multiple sensor locations is as easy as moving a slider on a computer screen.

+ AUTOMATED BALANCING

At times when temperatures become out of balance between different sensing locations, the master Pelican thermostat will automatically operate the fan to recirculate air throughout the conditioned space.

+ GRAPHICAL DISPLAY

Temperatures from each location are stored in real-time and can be displayed on a historical graph. This helps for managing the overall space. Allows customers to identify areas where balance can be improved for comfort.

+ MULTIPLE POWER OPTIONS

Two versions of the Remote sensors are available. The RT1-AC is powered by 24 VAC low voltage wiring. The RT1-DC is a battery powered device (Two AA batteries) for locations where wired power is not available. The RT1-AC has the advantage of never needing to have its batteries replaced. In addition, the RT1-AC has a built-in wireless repeater which will extend the range of your Pelican network.

Designed and assembled in the USA
5-Year Limited Warranty



Specifications

POWER

RT1- AC:	Hardwire 24VAC, 50 mA
RT1-DC:	(2) AA Batteries (included)

COMPATIBILITY

Temperature Detection Only
Works with a master TS200, TS200H, TS250, TS250H
Up to eight Remote Wireless Sensors per Master

WIRELESS

RT1-AC:	Wireless Repeater Built-In
RT1-DC:	Does NOT Repeat Wireless Signals

SYSTEM MANAGEMENT

Keypad Lockout
Online Weighted Temperature Averaging
Setpoint Limiting
Set Remote Sensor as 100% of Master Thermostat's Temperature Detection

THERMOSTAT RANGE

Operating Range:	-4°F to 122°F
Differential Temperature:	±0.5°F
Operating Humidity (%RH):	5 to 90% RH; non-condensing
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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