



TP-P-521

Up to 2 Heat / 1 Cool
Conventional or Heat Pump
5-2 Day Programmable Thermostat



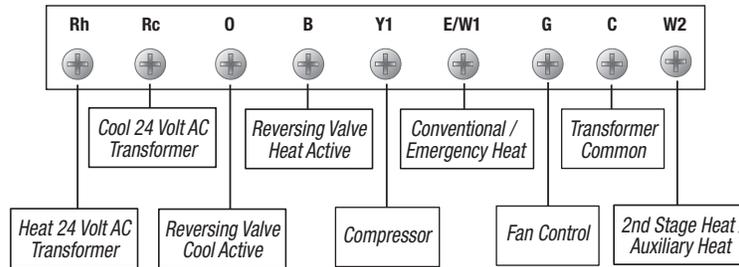
ACTUAL SIZE

Features

- 5-2 Day Programming
- Large 2 Sq. In. Display with Bright Blue Backlight
- Adjustable Temperature Limits
- Hardwire or Battery Powered
- Permanent Memory Retains Settings
- Filter Check Monitor
- Adjustable Temperature Differential
- Adaptive Recovery Mode (ARM™)
- Meets Energy Aware® Guidelines
- Auxiliary Heat Status Indicator
- ESD Guard™ Electronic Circuitry
- Compressor Short Cycle Protection
- Temporary Program Override
- Programmable Extended Hold Mode
- Front Access Reset Button
- F° / C° Switch
- Trilingual Packaging and Instruction Card with FREE Contractor Branding

FREE Color Contractor Branding!

Terminal Designations



Architectural Specifications

The digital programmable thermostat shall be a TRADEPRO® model number TP-P-521, 3.62” high x 4.72” wide x 1.38” deep, powered independently with either 24 Volt AC or with two “AA” alkaline batteries (3.0 Volt DC). The thermostat shall be compatible with multi-stage conventional systems with up to two stages of heating and one stage of cooling and heat pump systems with one compressor and up to one auxiliary stage. The thermostat shall have a bright blue backlight display and separate sub-base for trouble free installation. Temperature control range shall be between 45° and 90° F (7° and 32° C), accuracy of +/- 1° F (+/- .5° C), humidity range between 5% and 95% relative humidity. The thermostat shall include non-volatile memory to retain all user and program settings, adjustable temperature limits, filter check monitor, adaptive recovery mode (ARM™), separate heating and cooling set point program times and temperatures, and auxiliary heat indicator. Thermostat shall have low battery indication and a front reset button will return user settings to default values when pressed. The thermostat can be mounted to a horizontal junction box. Meets Energy Aware® Guidelines.

Product Specifications

Dimensions:	3.62” x 4.72” x 1.38”
Electric Rating:	24 Volt AC (18-30 Volt AC) 1 amp maximum load per terminal 4 amp total maximum load (all terminals)
AC Power:	18-30 Volt AC
DC Power:	3.0 Volts DC (2 “AA” Alkaline batteries included)
Compatibility:	Conventional systems with up to two stages of heating and one stage of cooling; Heat pump systems with one compressor and up to one auxiliary stage; 250mv - 750mv millivolt heating systems
Control Range:	45° to 90° F (7° to 32° C)
Display Range:	40° to 99° F (5° to 37° C)
Accuracy:	+/- 1° F (+/- .5° C)
Temperature Differential:	1st Stage - .5°, 1°, or 2° F (0.2°, 0.5°, or 1° C) 2nd Stage - 2°, 3°, 4°, 5°, or 6° F (1°, 1.5°, 2°, 2.5°, or 3° C)
Storage Temperature:	14° to 140° F (-10° to 60° C)
Operating Humidity:	5% to 95% Relative Humidity
Terminations:	Rc, Rh, B, O, Y1, E/W1, G, C, W2

Shipping Information

INDIVIDUAL CARTON	MASTER CARTON
Dimensions: 3.8” x 5.8” x 1.6”	Quantity: 12
Weight: .70 lbs.	Dimensions: 11” x 11.7” x 4.3”
	Cubic Feet: .32
	Weight: 9.2 lbs.

TRADEPRO® TP-P-521 Replaces*

Braeburn®	2200NC, 2220NC
Honeywell®	TH2210, TH4210
Emerson®	1F72-151, 1F73-174, 1F80-0244, 1F80-0261
Pro1®	T715, T725

*Verify specific application requirements.
All trademarks are the property of their respective owners.

Accessories

- 2920 Vertical J-Box Adapter Wall Plate (6.5” x 5.1”)
- 2950 Universal Wall Plate (6.5” x 6.5”)
- 5970 Universal Thermostat Guard

FREE Contractor Branding Available!

Date: _____
 Job Name: _____
 Location: _____
 Contractor: _____

Engineer: _____
 Model No.: _____
 Submitted By: _____
 Submitted For Approval: _____ Record: _____