



# PRO1 SUBMITTAL SHEET

Job Name: \_\_\_\_\_ Location: \_\_\_\_\_ Date: \_\_\_\_\_

Purchaser: \_\_\_\_\_ Installer: \_\_\_\_\_

Submitted to: \_\_\_\_\_ For:  RNC  R&R  Commercial

## MODEL T855iSH

Universal - WIFI

Residential / Light Commercial

Up to 2 Heat, 3 Cool Conventional

Up to 5 Heat, 3 Cool Heat Pump

Hardwire Only

7 Day, 5/1/1 or Non-Programmable



### This model features:

- 16 Remote sensor capable
- 8 sq. inch display
- Blue backlight
- Glow in the dark light button
- Two and four occupancy/unoccupancy time periods available
- Partial and full keypad lockout
- Adjustable setpoint limits
- Summer away mode
- Humidity and dehumidity control
- 5 Year warranty
- Set dual fuel balance points (requires R250S)
- Compatible with indoor remote sensors (R251S)
- Ventilation control
- IAQ fan settings
- Advanced pre-occupancy purge
- Auto changeover
- Customizable staging logic

### Specifications:

Application	Up to 2 heat, 3 cool conventional / Up to 5 heat, 3 cool heat pump
Programmability	7 day, 5/1/1 or Non-programmable
Changeover	System Switch
Display Range	41°F to 95°F (5°C to 35°C)
Control Range	44°F to 90°F (7°C to 32°C)
Display Accuracy	+/- 1°F
Heat Swing	Adjustable from 0.2°F to 2.0°F
Cool Swing	Adjustable from 0.2°F to 2.0°F
Terminals	Rc, Rh, G, Y, Y2, S1, S2, C, O, B, W/E, W2
Load Rating	1 amp per terminal, 1.5 amp maximum all terminals combined
Power Source	18 to 30 VAC, NEC Class II, 50/60 Hz for hardwire (common wire)
Operating Ambient	32°F to +105°F (0°C to +41°C)
Operating Humidity	90% non-condensing maximum
Mounting	Wall or Junction Box
Dimensions	4.7"W x 4.4"H x 1.1"D (119mm W x 112mm H x 28mm D)
Warranty	5 year warranty



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## MODEL R251S

### Wired Indoor Remote Sensor

- Compatible with T855SH and T855iSH

#### This model features:

- Move sensing location away from thermostat
- Use up to 16 sensors for a system average



#### Specifications:

Operating Temperature	32°F to 105°F (0°C to +41C)
Operating Humidity	90% non-condensing maximum
Dimensions of Sensor	1.5"W x 2.75"H x 0.75"D
Resistance Range	Up to 300 feet

## MODEL R250S

### Wired Outdoor Or Slab Sensor

- Compatible with T755S, T855SH and T855iSH

#### This model features:

- Set dual fuel balance points
- Displays outdoor temperature on thermostat
- Selectable dual-fuel balance point
- Slab sensor for radiant heat
- Stainless steel weatherproof case



#### Specifications:

Temperature range	-4°F to 140°F (-20°C to 60°C)
Temperature accuracy	+/- 1°F
Transmission	Constant resistance



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