



T155 AUTO/MANUAL CHANGEOVER THERMOSTAT

SMART ENERGY MANAGEMENT



HIGHLIGHTS

- Solid State Precision and Dependability
- Up to Three Speed Fan Switching Available
- Accepts 24 to 277 VAC
- Operates at 50 or 60 Hz
- Auto Changeover (TB155)
- Manual Changeover (TA155)

Delivering Comfort and Efficiency

The T155 thermostat is designed for use with HVAC systems including two or four-pipe fan coil applications. Available in both Auto Changeover and Manual Changeover models, the T155 is ideal for installations requiring either automatic internal switching between heating and cooling or manual switching between heating and cooling. Solid state accuracy offers comfort and efficiency, while contemporary styling complements room décor.

Universal Voltage Capability

Only PECO offers advanced self-configuring circuitry that allows the T155 electronic thermostat to be applied directly to input voltages from 24 to 277 VAC, 50 or 60Hz. Thermostat outputs are suitable for connection to relays, valves and similar pilot duty loads. The system and fan switches will handle inductive and resistive loads.

Configurable for Specific Applications

The standard T155 is user configurable for either unit or remote thermistor sensing. Fan operation is continuous or can be cycled with the use of a load handling relay.

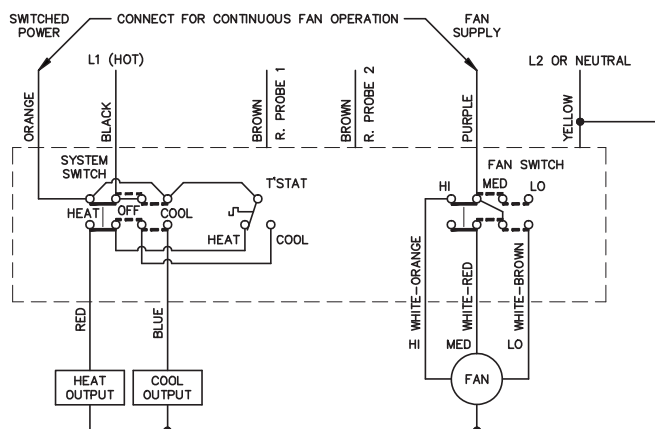
T155 AUTO/MANUAL CHANGEOVER THERMOSTAT

TECHNICAL SPECIFICATIONS

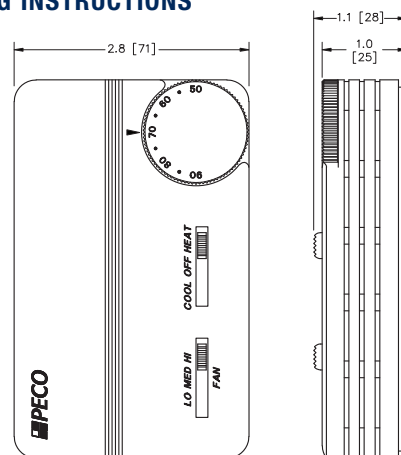
Self-configuring Circuitry	24 to 277 VAC, 50 or 60 Hz
Temperature Range	50 to 90°F / 10 to 32°C
Maximum Ambient	130°F / 54°C
Load Connections	Terminal block or wire lead, depending on model
Mounting	Installs on a standard 2" x 4" (50.8mm x 101.6mm) device box
Fan Operation	Continuous, cycled operation achievable with relays
Agency Approvals	UL, UL Canada, CE



WIRING DIAGRAM



MOUNTING INSTRUCTIONS

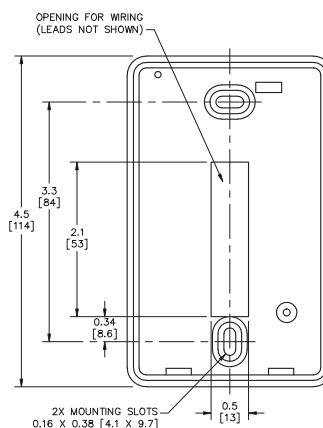


RATINGS

VOLTAGE RATING	FAN AND SYSTEM SWITCHES				THERMOSTATIC SWITCHING (PILOT DUTY)
	INDUCTIVE FLA	RESISTIVE LRA	RESISTIVE AMPS	PILOT DUTY	
24 VAC	N.A.	N.A.	N.A.	24 VA	10 VA
120 VAC	5.8	34.8	6.0	125 VA	20 VA
240 VAC	2.9	17.4	5.0	125 VA	20 VA
277 VAC	2.4	14.4	4.2	125 VA	20 VA

MODEL SELECTION GUIDE

TA155-046	Cool-Heat-Off, 3 Fan Speeds, Wire Leads, 2 Covers
TA155-047	Cool-Heat-Off, 3 Fan Speeds, Terminal Block, 2 Covers
TB155-046	On-Off, 3 Fan Speeds, Wire Leads, 2 Covers
TB155-047	On-Off, 3 Fan Speeds, Terminal Block, 2 Covers



Automation and Controls
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www.pecomanufacturing.com

Installation Instructions

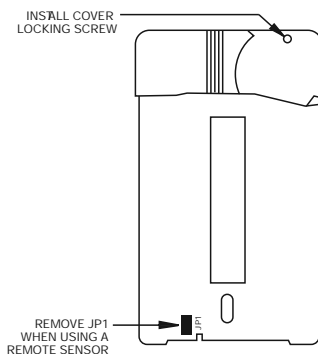
INSTALLATION

1. Install the T155 with the two furnished mounting screws to a standard 2" x 4" electrical box, 4-11/16" x 2-1/8" square device box with a 2" x 4" adapter ring or to a 4" x 4" box with accessory adapter plate.
2. For wall installations, mount the thermostat on an inside wall approximately 5 feet above the floor. The location should provide circulation at average room temperature. Avoid direct sunlight or sources of hot or cold air in the room or wall.
3. Remove the knob and then the cover. Mount thermostat base assembly to the outlet box using the screws provided, tighten the screws evenly but do not over tighten. Make wiring connections as noted.
4. To use a remote sensor, remove jumper JP-1 to disable local sensing. Failure to remove JP-1 when using a remote sensor will cause improper operation of the thermostat. Some units do not have remote sensing capability. See Application Notes.
5. Reinstall the cover assembly. Install cover locking screw provided. Reinstall the knob.
6. Checkout: After wiring and installation are complete, energize the system and check the operation. Adjust the thermostat as necessary to complete at least one cycle. Be sure the thermostat and all other equipment are functioning correctly.



CAUTION

- Use Copper wire only, insulate or wire nut all un-used leads.
- Any wiring, including the remote probe, may carry the full operating voltage of the thermostat.



WARNING

- READ THESE INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL, OPERATE OR SERVICE THIS THERMOSTAT.
- Failure to observe safety information and comply with instructions could result in PERSONAL INJURY, DEATH AND/OR PROPERTY DAMAGE.
- To avoid electrical shock or damage to equipment, disconnect power before installing or servicing.
- To avoid electric shock or damage to equipment, use only wiring with insulation rated for full thermostat operating voltage.
- To avoid potential fire and/ or explosion do not use in potentially flammable or explosive atmospheres.
- Retain these instructions for future reference. This product, when installed, will be part of an engineered system whose specifications and performance characteristics are not designed or controlled by PECO, Inc. You must review your application and national and local codes to assure that your installation will be functional and safe.

THERMOSTAT OPERATION

Temperature Range: 50°F - 90°F (10°C - 32°C)

TA155: A HEAT-OFF-COOL system switch manually selects heating or cooling mode. In the HEAT position, only the heat output cycles with demand. In the COOL position, only the cool output cycles with demand. In the OFF position, heating and cooling outputs are off. Units with a two position system switch or without a system switch must use a load transfer switch when both heating and cooling outputs are used. This prevents control failure and equipment damage caused by direct cycling between loads.

TB155: An ON-OFF system switch enables auto-changeover of heating and cooling modes. In the ON position the thermostat activates heating or cooling outputs dependant upon the relationship between set point and ambient temperature. Heat on to cool on dead band is 4°F. In the OFF position, heating and cooling outputs are off. Units without a system switch cycle between heating and cooling with a 4°F dead band.

FAN: Some units have a switch for manual selection of fan speed. On these units fan operation is either internally wired for fan continuous operation or is dependant upon connection to the fan supply input. When internally wired for fan continuous operation, the fan will be off when the system switch is off. When dependant upon external connections the fan may not be off with the system switch in the off position. The fan supply input is switched to fan speed outputs (HI - MED - LO).

SWITCHED POWER: L1 power is switched to this output any time the system switch is out of the OFF position.

RATINGS

FAN AND SYSTEM SWITCHES					
Voltage Rating	Inductive		Resistive Amps	Pilot Duty	Thermostatic Switching
	FLA	LRA			
24 VAC	N.A.	N.A.	N.A.	24 VA	10 VA
120 VAC	5.8	34.8	6.0	125 VA	20 VA
240 VAC	2.9	17.4	5.0	125 VA	20 VA
277 VAC	2.4	14.4	4.2	125 VA	20 VA

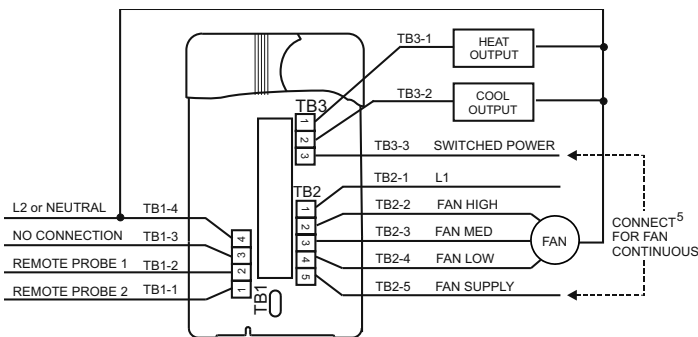
WIRE LEAD COLORS*

- | | |
|--------------------------|----------------|
| White with Orange Stripe | Fan High |
| White with Red Stripe | Fan Med. |
| White with Brown Stripe | Fan Low |
| Red | Heat |
| Blue | Cool |
| Black | L1 |
| Yellow | L2 or Neutral |
| Orange | Switched Power |
| Violet | Fan Supply |
| Brown | Remote Probe |
| Brown | Remote Probe |
- *If applicable*

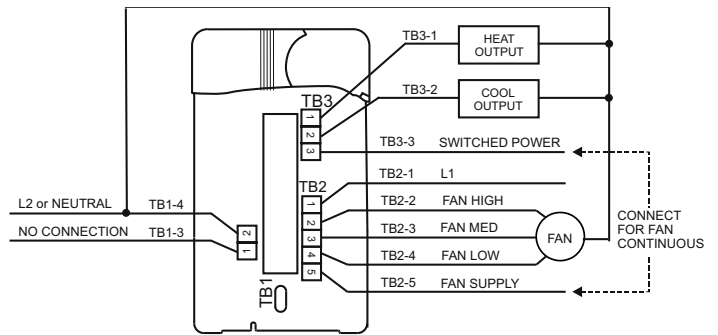
APPLICATION NOTES

- To use a remote sensor, remove jumper JP-1 to disable local sensing. Failure to remove JP-1 when using a remote sensor will cause improper operation of the thermostat. Some units do not have remote sensing capability.
- Units with remote sensing capability have a four position terminal block at TB1. If TB1 is two position the unit is local sensing only.
- Remote probe wiring should be located away from any electrical motors or power wiring
- Some units are internally wired for permanent fan continuous operation.
- On units with a Fan Supply input the operation of the fan is determined by wiring connection. For fan continuous, jumper the Fan Supply input (TB2-5) to the Switched Power output (TB3-3).
- For fan cycling operation with a call for heat or cool, a fan relay must be used.
- Observe electrical ratings. Thermostatic outputs are pilot duty only.

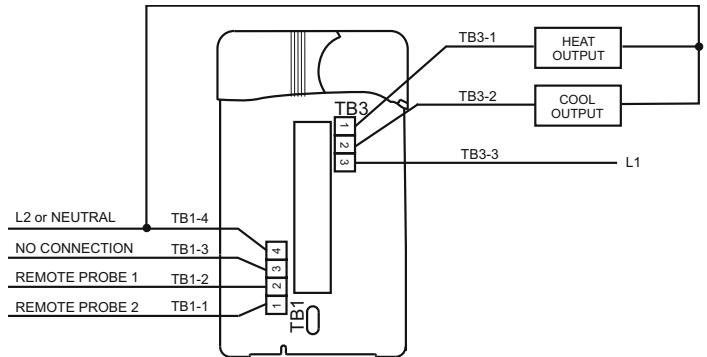
WIRING DIAGRAM



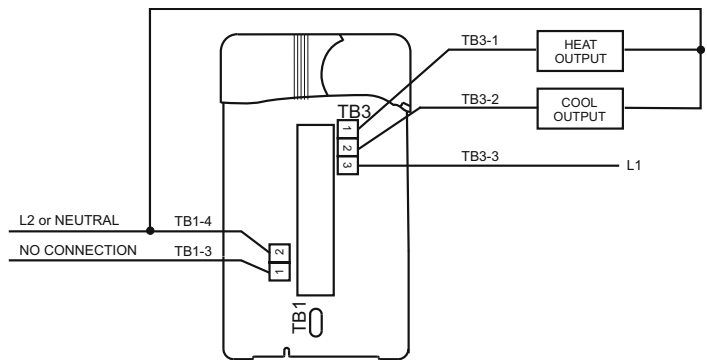
UNITS WITH REMOTE SENSING CAPABILITY



UNITS WITH SWITCHES USED FOR LOCAL SENSING ONLY



UNITS WITH NO SWITCHES WITH LOCAL/REMOTE SENSING CAPABILITY



UNITS WITH NO SWITCHES USED FOR LOCAL SENSING ONLY



DATE	REV	DESCRIPTION	DR.	CK.
12/19/07	4	CONVERSION TO METRIC (S)	SEM	SR

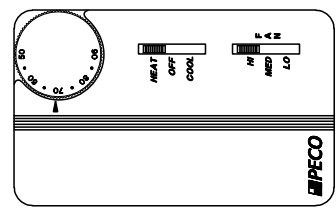
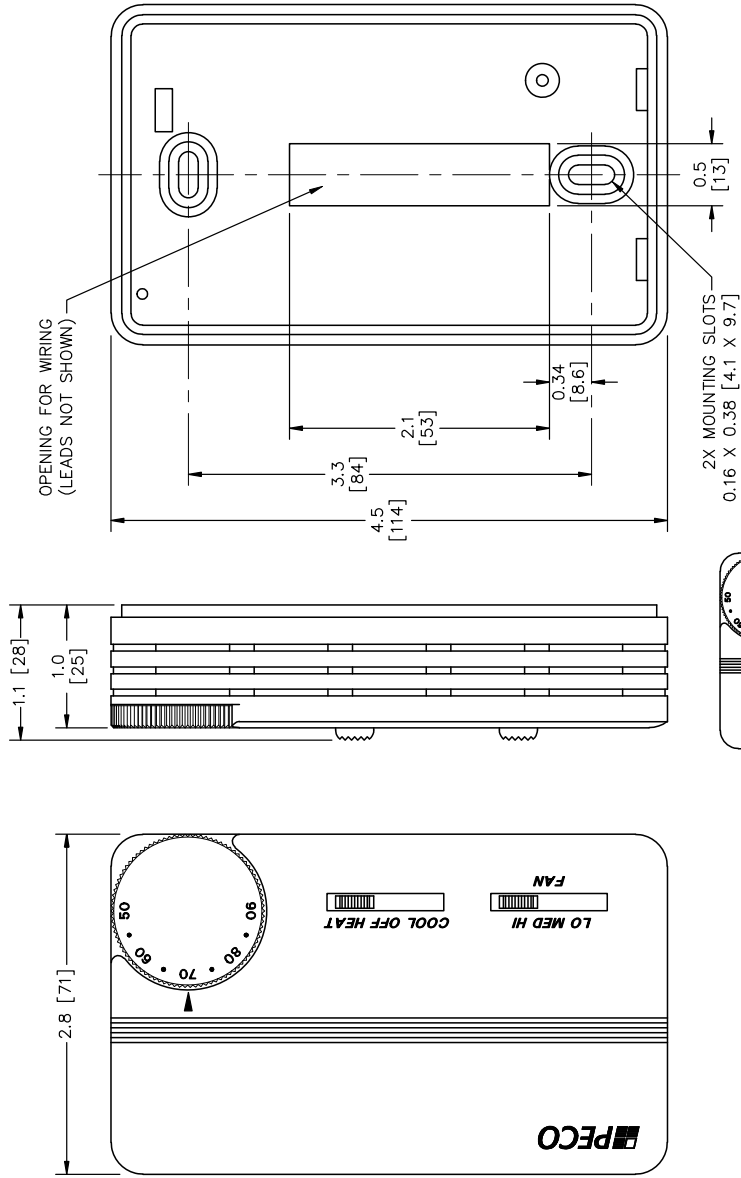


FIGURE 3
VIEW WITH VERTICAL
MOUNT COVER
(NOT TO SCALE)

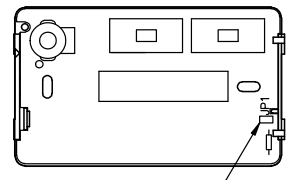


FIGURE 2
VIEW WITH COVER REMOVED
(NOT TO SCALE)

- NOTES:
1. CONFIGURATION: HORIZONTALLY OR VERTICALLY MOUNTED (THERMOSTAT SHIPS WITH VERTICAL AND HORIZONTAL MOUNT COVERS). SPDT HEATING/COOLING THERMOSTAT WITH MANUAL HEAT-OFF-COOL SYSTEM SWITCH AND MANUAL THREE SPEED FAN SWITCH. THERMOSTAT AND SYSTEM SWITCH ARE ELECTRICALLY SEPARATE FROM THE FAN SWITCH AND MAY BE CONNECTED IN VARIOUS CONFIGURATIONS TO SUIT APPLICATIONS.
 2. TEMPERATURE SENSING: INTEGRAL TEMPERATURE SENSOR AND LEADS FOR EXTERNAL REMOTE TEMPERATURE PROBE. REMOVE JP1 TO ALLOW USE OF REMOTE TEMPERATURE PROBE (SEE FIGURE 2).
 3. OPERATION: WITH SYSTEM SWITCH IN HEAT POSITION, THERMOSTAT CYCLES HEATING OUTPUT. WITH SYSTEM SWITCH IN COOL POSITION, THERMOSTAT CYCLES COOLING OUTPUT. HEATING AND COOLING DIFFERENTIAL IS 1°C (1.8°C) Hysteresis. THERMOSTAT CYCLING VS. CONTINUOUS FAN SPEEDS. WITH SYSTEM SWITCH IN OFF POSITION, ALL OUTPUTS ARE OFF. ONE OF THREE SPEEDS WITH SYSTEM SWITCH IN OFF POSITION. ALL OUTPUTS ARE OFF EXCEPT FAN OUTPUT, WHICH IS DEPENDENT ON EXTERNAL CONNECTIONS.
 4. MATERIALS: BASEPLATE, COVER, KNOB, AND SLIDE SWITCH HANDLES ARE MOLDED IN RIGID VINYL COLOR MATCHED TO PANTONE COOL GRAY 2-C. PRINTING IS COLOR MATCHED TO PANTONE 424-C.
 5. TEMPERATURE ADJUSTMENT RANGE: 50 TO 90°F (10 TO 32°C).
 6. MOUNTING: INSTALLS WITH TWO FURNISHED MOUNTING SCREWS TO A 2.7"x4" [51 X 102] DEVICE BOX OR BOX AND PLASTER RING COMBINATION. THERMOSTAT WILL MOUNT ON A FLUSH SURFACE.
 7. ELECTRICAL RATING: ABSOLUTE MAXIMUM RATINGS.

VOLTAGE RATING	FAN AND SYSTEM SWITCHES		THERMOSTATIC SWITCHING DUTY (PILOT DUTY)
	INDUCTIVE FLA	RESISTIVE LRA	
24 VAC	N.A.	N.A.	24 VA
120 VAC	5.8	34.8	6.0
240 VAC	2.9	17.4	5.0
277 VAC	2.4	14.4	4.2

LEADS ARE #18 AWG 600V, 105°C (221°F) STRANDED COPPER WIRE. FREE LEAD LENGTH IS 6" [152] WITH ENDS STRIPPED TO 0.25" [6.4].

8. PACKING: INDIVIDUALLY BOXED WITH MOUNTING HARDWARE AND INSTRUCTION SHEET. 35 UNITS PER MASTER CARTON.
9. AGENCY APPROVALS: CE, CUL, UL. UL FILE NUMBER E50023.

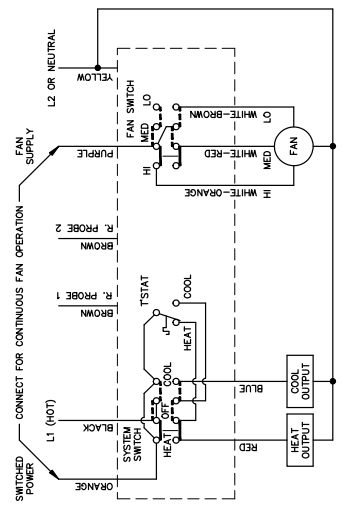
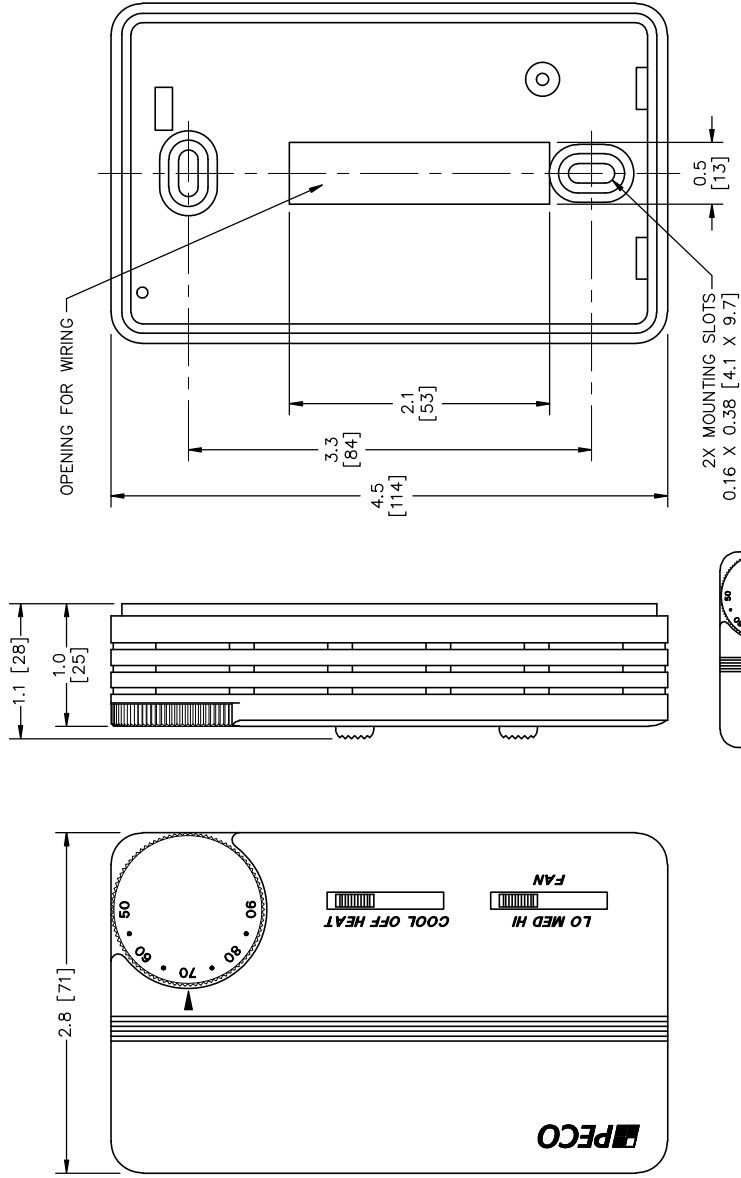


FIGURE 1
WIRING DIAGRAM SHOWING TYPICAL CONNECTIONS

DIMENSIONS [] ARE IN MILLIMETER	
TOLERANCES EXCEPT AS NOTED	PECO, INC. PORTLAND, OR, USA
DECIMAL	PART NUMBER
.X=	68604
.XX=	SCALE
.XXX=	FULL
ANGULAR	TITLE
STAT ASSY, TA155-046	STAT ASSY, TA155-046
ACAD FILE	SHEET SIZE
TA155046	B
	DRAWING NUMBER
	TA155-046

DATE	REV	DESCRIPTION	DR.	CK.
12/19/07	3	7660 ADD. METRIC CONVERSION (S)	SEM	SR



CONNECTIONS

TBI-1	HEAT
TBI-2	COOL
TBI-3	3 SWD POWER
TBI-4	1 L1
TBI-5	2 HIGH
	4 LOW
TBI-1	5 FAN SUPPLY
TBI-2	6 PROBE 1
TBI-3	3 NO CONNECT
TBI-4	4 L2 OR NEUTRAL

†P1: REMOVE TO ALLOW USE OF REMOTE PROBE

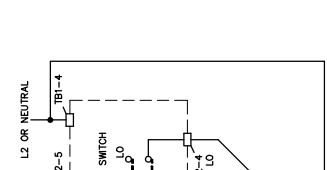


FIGURE 2
VIEW WITH COVER REMOVED
(NOT TO SCALE)

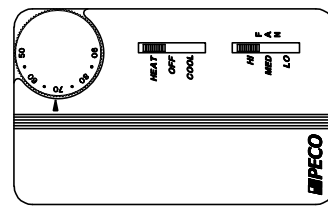


FIGURE 3
VIEW WITH VERTICAL
MOUNT COVER
(NOT TO SCALE)

- NOTES:**
- CONFIGURATION: HORIZONTALLY OR VERTICALLY MOUNTED (THERMOSTAT SHIPS WITH VERTICAL AND HORIZONTAL MOUNT COVERS). SPRT HEATING (COOLING THERMOSTAT WITH MANUAL HEAT-OFF-COOL SYSTEM SWITCH AND MANUAL THREE SPEED FAN SWITCH. THERMOSTAT AND SYSTEM SWITCH ARE ELECTRICALLY SEPARATE FROM THE FAN SWITCH AND MAY BE CONNECTED IN VARIOUS CONFIGURATIONS TO SUIT APPLICATIONS.
 - TEMPERATURE SENSING: INTEGRAL TEMPERATURE SENSOR AND TERMINALS FOR EXTERNAL REMOTE TEMPERATURE PROBE. REMOVE JP1 TO ALLOW USE OF REMOTE TEMPERATURE PROBE (SEE FIGURE 2).
 - OPERATION: WITH SYSTEM SWITCH IN HEAT POSITION THERMOSTAT CYCLES HEATING OUTPUT. WITH SYSTEM SWITCH IN COOL POSITION THERMOSTAT CYCLES COOLING OUTPUT. HEATING AND COOLING DIFFERENTIAL IS 1°F (6°C) NOMINAL. FAN OPERATION (CYCLING VS CONTINUOUS) IS DETERMINED BY APPLICATION (SEE NOTE 1). FAN SPEED CAN BE SET AT THE WIRING LEVELS WITH SYSTEM SWITCHES (SEE FIGURE 1). FAN SPEEDS ARE OFF EXCEPT FAN OUTPUT, WHICH IS DEPENDENT ON EXTERNAL CONNECTIONS.
 - MATERIALS: BASEPLATE, COVER, KNOB, AND SLIDE SWITCH HANDLES ARE MOLDED IN RIGID VINYL COLOR MATCHED TO PANTONE COOL GRAY 2-C. PRINTING IS COLOR MATCHED TO PANTONE 424-C.
 - TEMPERATURE ADJUSTMENT RANGE: 50 TO 90°F (10 TO 32°C).
 - MOUNTING: INSTALLS WITH TWO FURNISHED MOUNTING SCREWS TO A 2"x4" [51 X 102] DEVICE BOX OR BOX AND PLASTER RING COMBINATION. THERMOSTAT WILL MOUNT ON A FLUSH SURFACE.
 - ELECTRICAL RATINGS: ABSOLUTE MAXIMUM RATINGS.

VOLTAGE RATING	FAN AND SYSTEM SWITCHES		THERMOSTATIC SWITCHING PILOT (PILOT DUTY)
	INDUCTIVE FLA	RESISTIVE LRA	
24 VAC	N.A.	N.A.	24 VA
120 VAC	5.8	34.8	6.0
240 VAC	2.9	17.4	5.0
277 VAC	2.4	14.4	4.2
			125 VA
			20 VA
			20 VA

- TERMINALS WILL EACH RECEIVE ONE WIRE, UP TO #14 AWG STRANDED OR SOLID WIRE. WIRE ENDS TO BE STRIPPED TO 0.25" [6.4].
- PACKING: INDIVIDUALLY BOXED WITH MOUNTING HARDWARE AND INSTRUCTION SHEET, 35 UNITS PER MASTER CARTON.
- AGENCY APPROVALS: CE, CUL, UL, UL FILE NUMBER E50023.

PECO
PORTLAND, OR, USA

PART NUMBER: 68605
SCALE: FULL
TITLE: STAT ASSY, TA155-047

TOLERANCES EXCEPT AS NOTED:
DECIMAL: .XX"
ANGULAR: XXX°

DR. CK. SEM SR

FIGURE 1
WIRING DIAGRAM SHOWING TYPICAL CONNECTIONS

FIGURE 2
VIEW WITH COVER REMOVED
(NOT TO SCALE)

FIGURE 3
VIEW WITH VERTICAL
MOUNT COVER
(NOT TO SCALE)

DIMENSIONS IN [] ARE IN MILLIMETER

STAT ASSY, TA155-047
DRAWING NUMBER: TA155-047

DATE	REV	DESCRIPTION	DR.	CK.
12/19/07	4	ECON 7690 ADD METRIC CONVERSION (S)	SEM	SR

NOTES:

1. CONFIGURATION: HORIZONTALLY OR VERTICALLY MOUNTED (THERMOSTAT SHIPPED WITH VERTICAL AND HORIZONTAL MOUNT COVERS), TWO POLE DEADBAND AUTO CHANGEOVER HEATING/COOLING THERMOSTAT WITH MANUAL ON-OFF SYSTEM SWITCH AND MANUAL THREE SPEED FAN SWITCH, THERMOSTAT AND SYSTEM SWITCH ARE ELECTRICALLY SEPARATE FROM THE FAN SWITCH AND MAY BE CONNECTED IN VARIOUS CONFIGURATIONS TO SUIT APPLICATIONS.
2. TEMPERATURE SENSING: INTEGRAL TEMPERATURE SENSOR AND LEADS FOR EXTERNAL REMOTE TEMPERATURE PROBE. REMOVE JP1 TO ALLOW USE OF REMOTE TEMPERATURE PROBE (SEE FIGURE 2).
3. OPERATION: WITH SYSTEM SWITCH IN ON POSITION, THERMOSTAT CYCLES HEATING OR COOLING OUTPUT WITHOUT MANUAL SELECTION, HEATING AND COOLING DIFFERENTIALS 1°F (0.5°C) NOMINAL HEATING ON REBAND IS 4°F (2.2°C) NOMINAL COOLING (SEE OPERATION MANUAL FOR DETAILS) IS DETERMINED BY OPERATOR SETTINGS (SEE FIGURE 1). FAN SPEED CAN BE SET AT ONE OF THREE SPEEDS, WITH SYSTEM SWITCH IN OFF POSITION, ALL OUTPUTS ARE OFF EXCEPT FAN OUTPUT, WHICH IS DEPENDENT ON EXTERNAL CONNECTIONS.
4. MATERIALS: BASEPLATE, COVER, KNOB, AND SLIDE SWITCH HANDLES ARE MOLDED IN RIGID VINYL COLOR MATCHED TO PANTONE COOL GRAY 2-C. PRINTING IS COLOR MATCHED TO PANTONE 424-C.
5. TEMPERATURE ADJUSTMENT RANGE: 50 TO 90°F (10 TO 32°C).
6. MOUNTING: INSTALLS WITH TWO, FINISHED MOUNTING SCREWS TO A 2"x4" [51 X 102] SERVICE BOX ON BOX AND PLASTER RING COMBINATION. THERMOSTAT WILL MOUNT ON A FLUSH SURFACE.
7. ELECTRICAL RATING: ABSOLUTE MAXIMUM RATINGS.

VOLTAGE RATING	FAN AND SYSTEM SWITCHES		THERMOSTATIC SWITCHING	
	INDUCTIVE FLA	RESISTIVE LRA	PILOT DUTY (PILOT DUTY)	PILOT DUTY
24 VAC	N.A.	N.A.	24 VA	10 VA
120 VAC	5.8	34.8	6.0	125 VA
240 VAC	2.9	17.4	5.0	125 VA
277 VAC	2.4	14.4	4.2	125 VA

LEADS ARE #18 AWG 600V, 105°C (221°F) STRANDED COPPER WIRE. FREE LEAD LENGTH IS 6" [152] WITH ENDS STRIPPED TO 0.25" [6.4].

8. PACKING: INDIVIDUALLY BOXED WITH MOUNTING HARDWARE AND INSTRUCTION SHEET, 35 UNITS PER MASTER CARTON.
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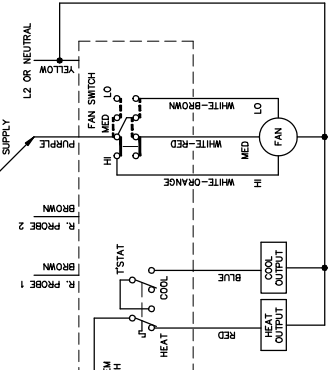
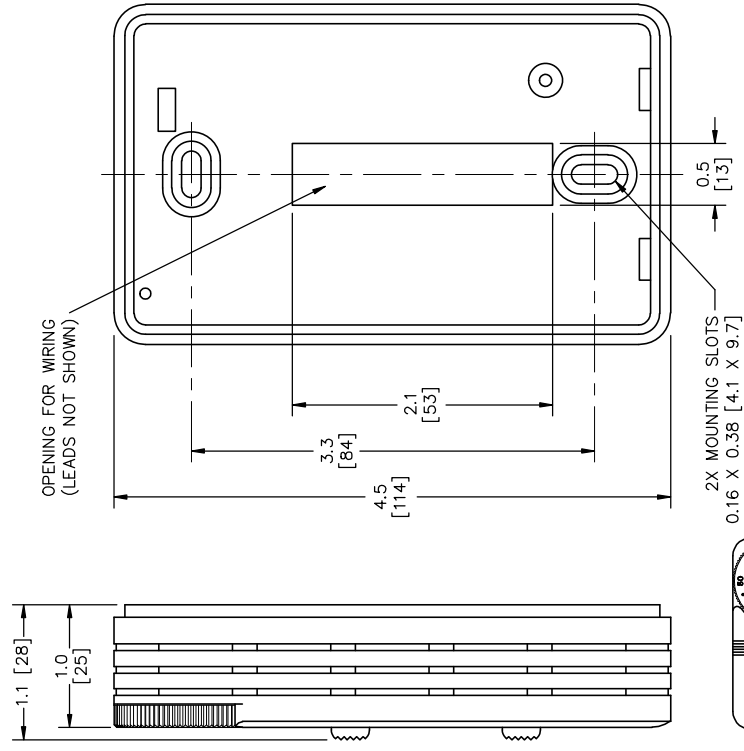


FIGURE 2
VIEW WITH COVER REMOVED
(NOT TO SCALE)

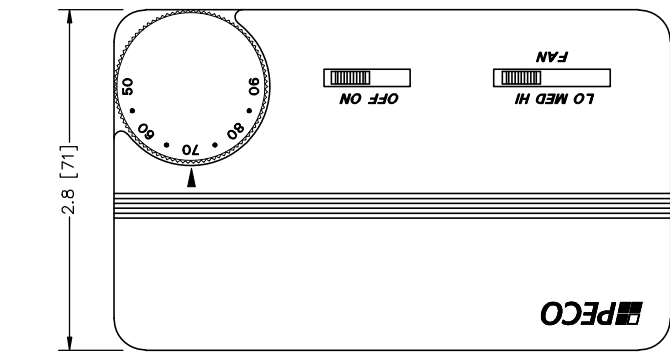
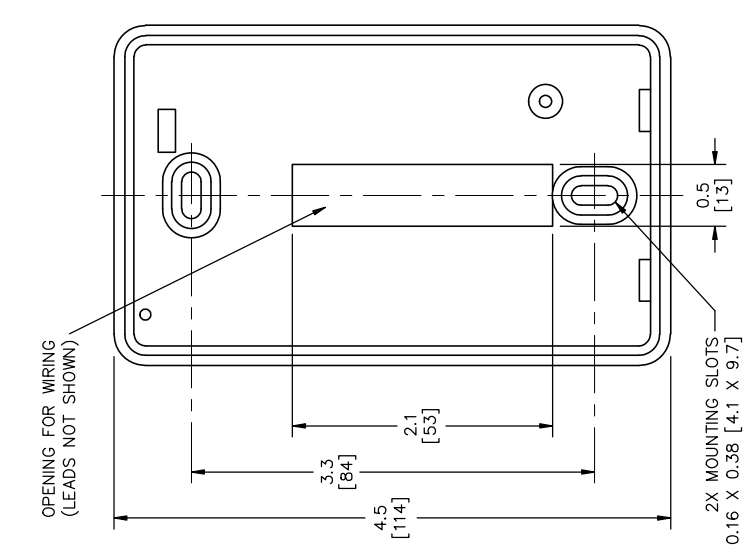
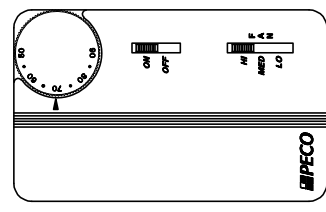


FIGURE 3
VIEW WITH VERTICAL
MOUNT COVER
(NOT TO SCALE)



2X MOUNTING SLOTS
0.16 X 0.38 [4.1 X 9.7]



DIMENSIONS [] ARE IN MILLIMETER	
TOLERANCES EXCEPT AS NOTED	PECCO, INC. PORTLAND, OR, USA
DECIMAL .XX±	SCALE FULL
.XXX±	PART NUMBER 68606
ANGULAR ±	TITLE
ACAD FILE TB155046	STAT ASSY, TB155-046
SHEET SIZE B	DRAWING NUMBER TB155-046

FIGURE 1
WIRING DIAGRAM SHOWING TYPICAL CONNECTIONS

DATE	REV	DESCRIPTION	DR.	CHK.
12/19/07	3	7660 EON ADD. METRIC CONVERSION (S)	SEM	SR

NOTES:

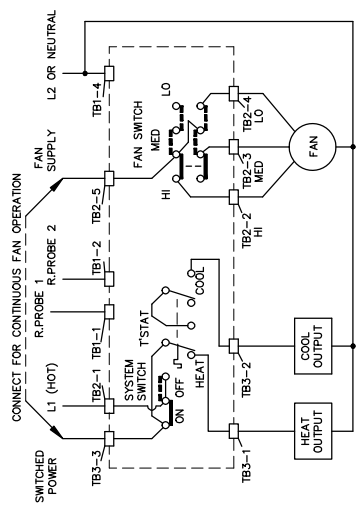
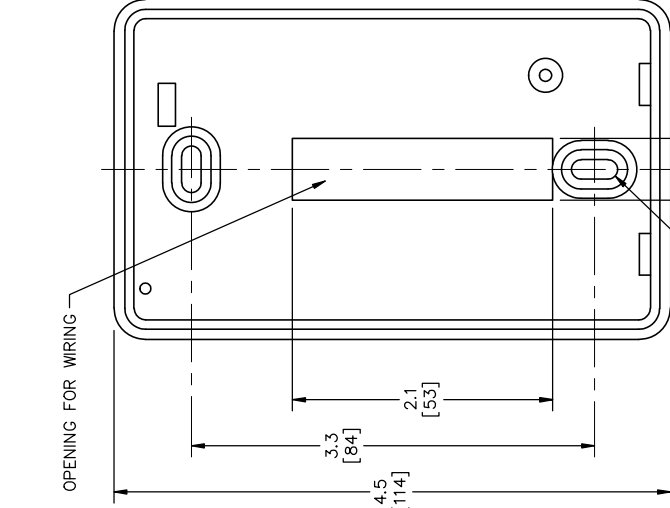
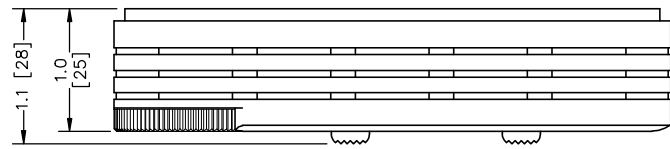
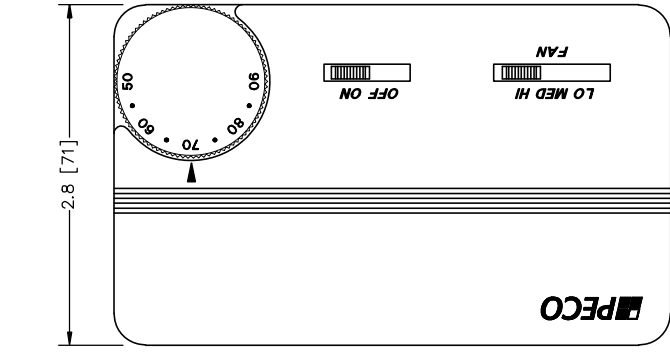
1. CONFIGURATION: HORIZONTALLY OR VERTICALLY MOUNTED (THERMOSTAT SHIPPED WITH VERTICAL AND HORIZONTAL MOUNT COVERS), TWO POLE DEADBAND AUTO CHANGEOVER HEATING/COOLING THERMOSTAT WITH MANUAL ON-OFF SYSTEM SWITCH AND MANUAL THREE SPEED FAN SWITCH, THERMOSTAT AND SYSTEM SWITCH ARE ELECTRICALLY SEPARATE FROM THE FAN SWITCH AND MAY BE CONNECTED IN VARIOUS CONFIGURATIONS TO SUIT APPLICATIONS.
2. TEMPERATURE SENSING: INTEGRAL TEMPERATURE SENSOR AND LEADS FOR EXTERNAL REMOTE TEMPERATURE PROBE. REMOVE JP1 TO ALLOW USE OF REMOTE TEMPERATURE PROBE (SEE FIGURE 2).
3. OPERATION: WITH SYSTEM SWITCH IN ON POSITION, THERMOSTAT CYCLES HEATING OR COOLING OUTPUT WITHOUT MANUAL SELECTION. HEATING AND COOLING DIFFERENTIALS (1°F (0.5°C) HEATING, 1°F (0.5°C) COOLING) IS DETERMINED BY ADJUSTING THERMOSTAT (SEE FIGURE 1). FAN SPEED CAN BE SET AT ONE OF THREE SPEEDS. WITH SYSTEM SWITCH IN OFF POSITION, ALL OUTPUTS ARE OFF EXCEPT FAN OUTPUT, WHICH IS DEPENDENT ON EXTERNAL CONNECTIONS.
4. MATERIALS: BASEPLATE, COVER, KNOB, AND SLIDE SWITCH HANDLES ARE MOLDED IN RIGID VINYL. COLOR MATCHED TO PANTONE COOL GRAY 2-C. PRINTING IS COLOR MATCHED TO PANTONE 424-C.
5. TEMPERATURE ADJUSTMENT RANGE: 50 TO 90°F (10 TO 32°C).
6. MOUNTING: INSTALLS WITH TWO FURNISHED MOUNTING SCREWS TO A 2"x4" [51 X 102] BRUCE BOX OR BOX AND PLASTER RING COMBINATION. THERMOSTAT WILL MOUNT ON A FLUSH SURFACE.
7. ELECTRICAL RATING: ABSOLUTE MAXIMUM RATINGS.

VOLTAGE RATING	FAN AND SYSTEM SWITCHES		THERMOSTATIC SWITCHING (PILOT DUTY)
	INDUCTIVE FLA	RESISTIVE AMPS	
24 VAC	N.A.	N.A.	24 VA
120 VAC	5.8	34.8	6.0 125 VA 20 VA
240 VAC	2.9	17.4	5.0 125 VA 20 VA
277 VAC	2.4	14.4	4.2 125 VA 20 VA

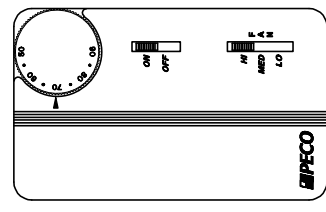
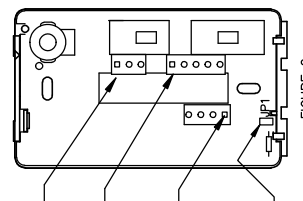
LOAD TERMINALS WILL EACH RECEIVE (1) WIRE, UP TO 14 AWG STRANDED OR SOLID WIRE. WIRE ENDS TO BE STRIPPED TO 0.25" [6.4].

8. PACKING: INDIVIDUALLY BOXED WITH MOUNTING HARDWARE AND INSTRUCTION SHEET, 35 UNITS PER MASTER CARTON.

9. AGENCY APPROVALS: CE, CUL, UL. UL FILE NUMBER E50023.



- CONNECTIONS**
- TB3 - HEAT
 - 2 - COOL
 - 3 - SWD POWER
 - TB2 - FAN SUPPLY
 - 1 - HIGH
 - 2 - MED
 - 3 - LOW
 - 4 - FAN SUPPLY
 - 1 - R. PROBE 1
 - 2 - R. PROBE 2
 - 3 - NO CONNECT
 - 4 - L2 OR NEUTRAL
- JP1: REMOVE TO ALLOW USE OF REMOTE PROBE



DIMENSIONS IN [] ARE IN MILLIMETER	
TOLERANCES EXCEPT AS NOTED	PECO, INC. PORTLAND, OR, USA
DECIMAL	PART NUMBER 68608
.XX = FULL	SCALE FULL
.XXX =	TITLE
ANGULAR	STAT ASSY, TB155-048
ACAD FILE	SHEET SIZE B
TB155048	DRAWING NUMBER TB155-048

FIGURE 1 WIRING DIAGRAM SHOWING TYPICAL CONNECTIONS

FIGURE 3 VIEW WITH VERTICAL MOUNT COVER (NOT TO SCALE)

FIGURE 2 VIEW WITH COVER REMOVED (NOT TO SCALE)