


# PRO<sup>1</sup> T855i

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**Hours of Operation:** M-F 9AM - 6PM Eastern

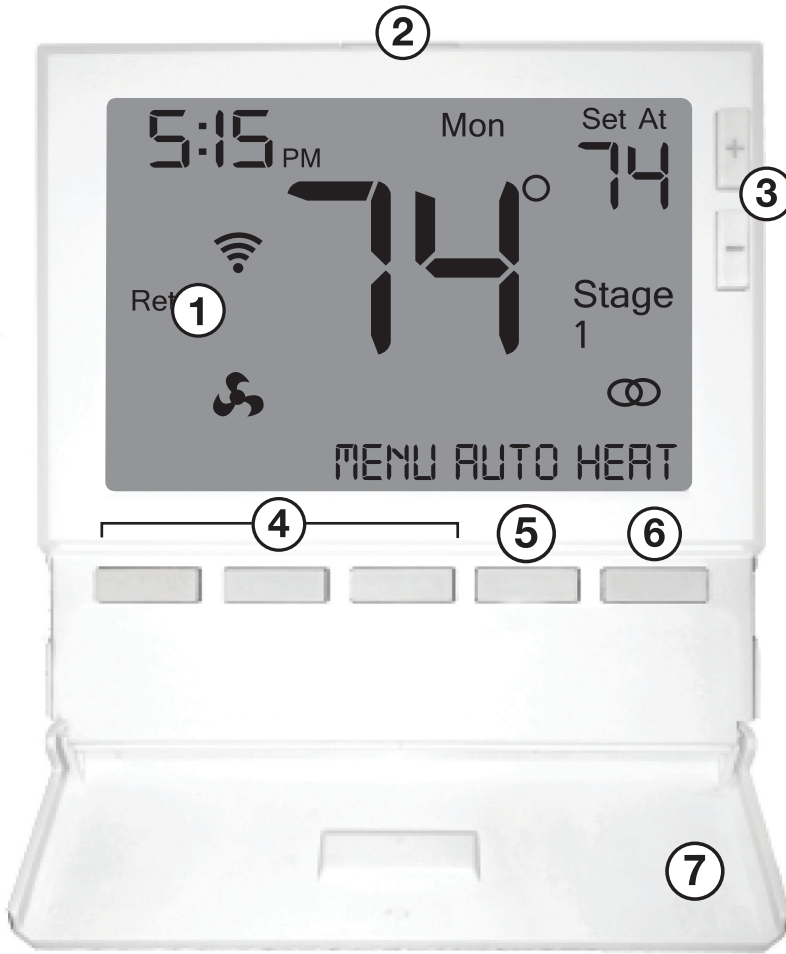


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 **Caution:**  
**Equipment damage hazard**  
Do not operate the cooling system if the outdoor temperature is below 50°F (10°C) to prevent possible compressor damage.

Una versión en español de este manual se puede descargar en la página web de la compañía.

## Getting to know your thermostat

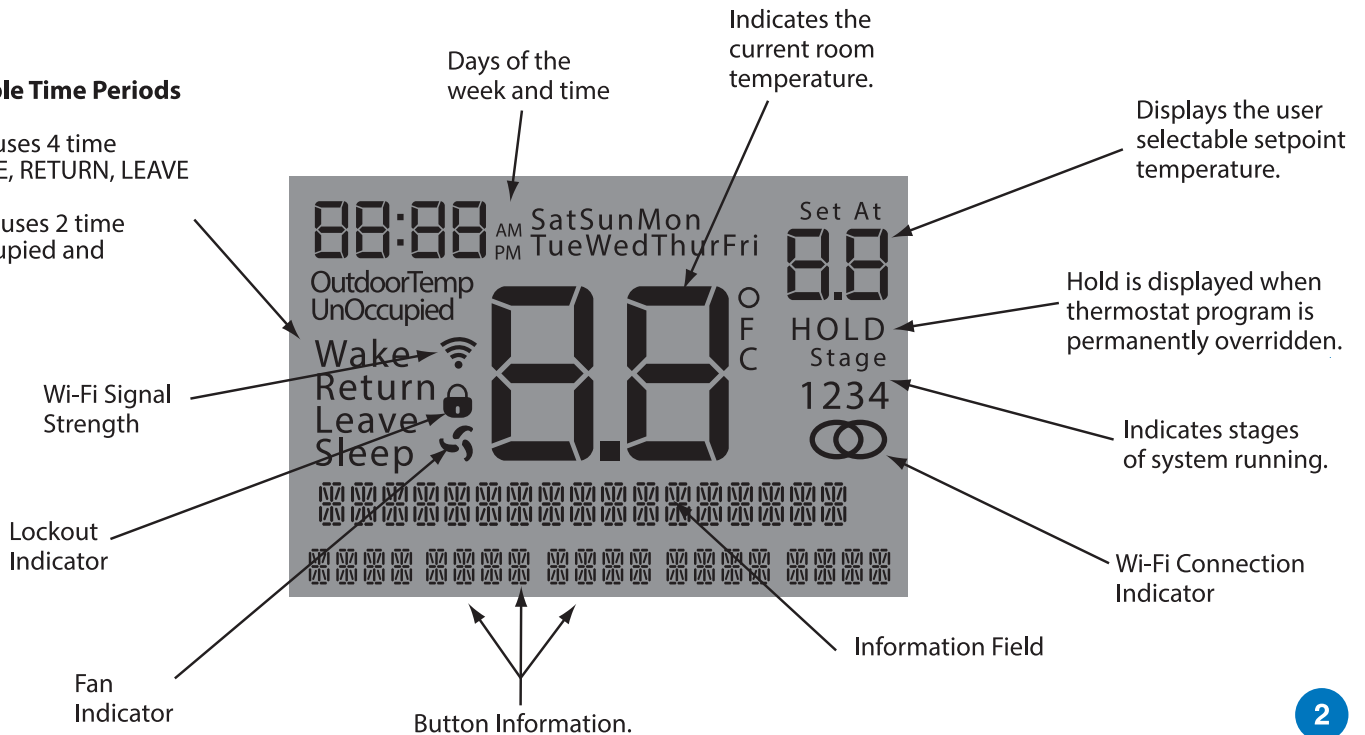


- ① LCD Display
- ② Glow in the Dark Light Button
- ③ Temperature Set Point Buttons
- ④ User Program Buttons
- ⑤ Fan Button
- ⑥ System Button
- ⑦ Button Access Door

### Programmable Time Periods

**Residential:** uses 4 time periods- WAKE, RETURN, LEAVE and SLEEP.

**Commercial:** uses 2 time periods - Occupied and Unoccupied.



## Easy to use controls



- ① **LCD Display:**  
See page 2 for details about this display readout and icons.
- ② **Glow in the Dark Light Button:**  
The glow in the dark light button will self illuminate for several hours after exposure to ambient light. This button turns on the display light when pressed.
- ③ **Fan Key:**  
Select **ON**, **AUTO** or **IAQ**. The **ON** key will run the fan continuously. The **AUTO** key will cycle the fan on only when the heating or cooling system is on. **IAQ** will enable **IAQ FAN MODE**, if programmed.

### A Note About Programmable Fan:

The programmable fan feature will run the fan continuously during any time period it is programmed to be on. This is the best way to keep the air circulated and to eliminate hot & cold spots in your building.

### A Note About Auto Changeover:

If in Auto you have the ability to switch between Auto Heat or Auto Cool by pressing the System key. This can be done once the current mode has reached its set-point. For example: if in Auto Heat, the heat setpoint must be satisfied before the thermostat will allow you to switch to Auto Cool. You can switch out of Auto by holding down the System key. To get back into Auto, you must toggle the System key to Auto.

- ④ **System Key:**  
Selects the operation mode of your HVAC system. Selecting **HEAT** turns on the heat mode. Selecting **COOL** turns on the air conditioning mode. Selecting **OFF** turns both heating and cooling off. Selecting **AUTO** will turn the **HEAT** or **COOL** on as needed. (**EM HEAT** will appear as an option if operating a heat pump. **EM HEAT** setting will turn on Emergency Heat)
- ⑤ **Temperature Setpoint Buttons:**  
Press the  or  buttons to select the desired room temperature.
- ⑥ **Menu Keys:**  
Use these keys to set up your programming options. Refer to the next page for instructions.

### Set Time

Follow the steps below to set the current time:

1. Press **Menu**
2. Press **Time**  
  
Day of the week will be flashing.  
Use the  or  key to select the current day of the week.
4. Press **Next**
5. The current hour is flashing.  
Use the  or  key to select the current hour. When using 12-hour time, make sure the correct AM or PM choice is selected.
6. Press **Next**
7. Minutes are now flashing.  
Use the  or  key to select current minutes.
8. Press **Done** when completed




#### Important:

You will see a **TECHNICIAN SETUP** option after the **MENU** key is pressed.

This **TECHNICIAN SETUP** key is for installer configuration and should **NOT** be changed unless you consult your Professional Heating and Air Conditioning Technician.



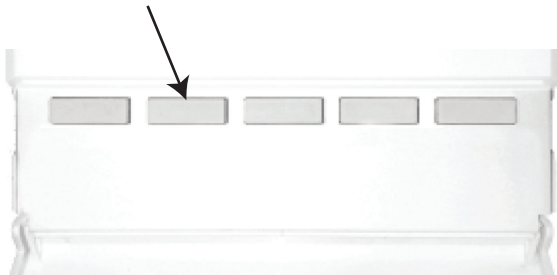
#### Keypad Lockout Note:

If  appears in display then the keypad is locked. All or some of the keys will not work. Hold the  and  keys for 3 seconds to remove the lock.

### Filter Change and other Reminders

If your installing contractor has configured the thermostat to remind you when the air filter needs changed, you will see **FILT** in the display when your air filter needs changed. **FILT** will be shown in the display after your system has run long enough to require an air filter change.

Resetting the filter change reminder: When **FILT** reminder is displayed, you should change your air filter and reset the reminder by holding down the 2nd button from the left side of the thermostat for 3 seconds.



This thermostat also has other maintenance reminders (Humidity Pad, UV lamp, and IAQ Cell), that are reset with the same procedure.

### Temporary and Permanent Hold Feature

**Temporary hold:** The thermostat will display **HOLD** and **RUN** on the bottom of your screen when you press the  or  key. If you do nothing, the temperature will remain at this setpoint temporarily for 4 hours. Your program setpoint will then replace your temporary setpoint.

**Permanent hold:** If you press **HOLD** key at the bottom of your screen, you will see **HOLD** appear below the setpoint temperature in the display. The thermostat will now permanently stay at this setpoint and can be adjusted using the  or  keys.

**To return to program:** Press the **RUN** key at the bottom of your screen to exit either temporary or permanent hold.

## Set Program Schedule For Four Time Periods (WAKE, LEAVE, RETURN, SLEEP)

To customize your 5+1+1 program schedule, follow these steps

### Weekday:

1. Select **HEAT** or **COOL** using the **SYSTEM** key.  
**Note:** You have to program heat and cool each separately.
2. Press **MENU**.
3. Press **SCHED**. Note: Monday-Friday is displayed and the **WAKE** icon is shown. You are now programming the **WAKE** time period for the weekday setting.
4. Time is flashing. Use the  or  key to make your time selection for the weekday **WAKE** time period. Note: If you want the fan to run continuously during this time period, select **ON** with the **FAN** key. **If you want to use IAQ mode during this time period, select IAQ with the fan key.**
5. Press **NEXT**.
6. The setpoint temperature is flashing. Use the  or  key to make your setpoint selection for the weekday **WAKE** period.
7. Press **NEXT**.
8. Repeat steps 4 through 7 for weekday **LEAVE** time period, for weekday **RETURN** time period, and for weekday **SLEEP** time period.

### Saturday:

9. Repeat steps 4 through 7 for Saturday **WAKE** time period, for Saturday **LEAVE** time period, for Saturday **RETURN** time period, and for Saturday **SLEEP** time period.

### Sunday:

10. Repeat steps 4 through 7 for Sunday **WAKE** time period, for Sunday **LEAVE** time period, for Sunday **RETURN** time period, and for Sunday **SLEEP** time period.

To customize your 7 day program schedule, follow these steps:

### Monday

1. Select **HEAT** or **COOL** using the **SYSTEM** key. You have to program heat and cool each separately.
2. Press **MENU**.
3. Press **SCHED**.  
**Note:** Monday is displayed and the **WAKE** icon is shown. You are now programming the **WAKE** time period for the Monday setting.
4. Time is flashing. Use the  or  key to make your time selection for the Monday **WAKE** time period. **Note:** If you want the fan to run continuously during this time period, select **ON** with the **FAN** key. **If you want to use IAQ mode during this time period, select IAQ with the fan key.**
5. Press **NEXT**.
6. The setpoint temperature is flashing. Use the  or  key to make your setpoint selection for the Monday **WAKE** period.
7. Press **NEXT**.
8. Repeat steps 4 thru 7 for Monday **LEAVE** time period, for Monday **RETURN** time period, and for Monday **SLEEP** time period.

### Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday

Repeat steps 4 thru 7 for the remaining days of the week.

#### A Note About Auto Changeover:

If in Auto you have the ability to switch between Auto Heat or Auto Cool by pressing the System key. This can be done once the current mode has reached its set-point. For example: if in Auto Heat, the heat setpoint must be satisfied before the thermostat will allow you to switch to Auto Cool. You can switch out of Auto by holding down the System key. To get back into Auto, you must toggle the System key to Auto.

#### A Note About Programmable Fan:

The programmable fan feature will run the fan continuously during any time period it is programmed to be on. This is the best way to keep the air circulated and to eliminate hot & cold spots in your building. If using **IAQ** Mode, Set fan to **IAQ** for any time period desired.

### Set Program Schedule For Two Time Periods (OCCUPIED, UNOCCUPIED)

To customize your 5+1+1 program schedule, follow these steps

#### Weekday:

1. Select **HEAT** or **COOL** using the **SYSTEM** key.  
**Note:** You have to program heat and cool each separately.
2. Press **MENU**.
3. Press **SCHED**. Note: Monday-Friday is displayed and the **OCCUPIED TEXT** is shown. You are now programming the **OCCUPIED** time period for the weekday setting.
4. Time is flashing. Use the  or  key to make your time selection for the weekday **OCCUPIED** time period. Note: If you want the fan to run continuously during this time period, select **ON** with the **FAN** key. If you want to use IAQ mode during this time period, select **IAQ** with the fan key.
5. Press **NEXT**
6. The setpoint temperature is flashing. Use the  or  key to make your setpoint selection for the weekday **OCCUPIED** period.
7. Press **NEXT**
8. Repeat steps 4 through 7 for weekday **UNOCCUPIED** time period.

#### Saturday:

9. Repeat steps 4 through 7 for Saturday **OCCUPIED** time period and for Saturday **UNOCCUPIED** time period.

#### Sunday:

10. Repeat steps 4 through 7 for Sunday **OCCUPIED** time period and for Sunday **UNOCCUPIED** time period.

To customize your 7 day program schedule, follow these steps:

#### Monday

1. Select **HEAT** or **COOL** using the **SYSTEM** key. You have to program heat and cool each separately.
2. Press **MENU**.
3. Press **SCHED**.  
**Note:** Monday is displayed and the **OCCUPIED** text is shown. You are now programming the **UNOCCUPIED** time period for the Monday setting.
4. Time is flashing. Use the  or  key to make your time selection for the Monday time period. **Note:** If you want the fan to run continuously during this time period, select the **FAN** key. If you want to use IAQ mode during this time period, select **IAQ** with the fan key.
5. Press **NEXT**
6. The setpoint temperature is flashing. Use the  or  key to make your setpoint selection for the Monday **OCCUPIED** period.
7. Press **NEXT**
8. Repeat steps 4 thru 7 for Monday **UNOCCUPIED** time period.

#### Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday

Repeat steps 4 thru 8 for the remaining days of the week.



## Warranty Registration:

Your new thermostat has a 3 year limited warranty. You must register your warranty within 60 days of installation. You can register your new thermostat in 2 ways.

- ① Go to our website, and fill out a short registration form online.
- or -
- ② Complete the form below and mail it to the address shown.



## Warranty Registration:

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip: \_\_\_\_\_

Thermostat Model: \_\_\_\_\_

Date Installed: \_\_\_\_\_

**Complete form and mail to:**

### Thermostat Warranty Registration

1111 S. Glenstone  
Suite 2-100  
Springfield, MO 65804