

**PRO**  
Operation Manual

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# T855i

## Pro1 Technologies

P.O. Box 3377

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Toll Free: 888-776-1427

Web: [www.pro1iaq.com](http://www.pro1iaq.com)

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

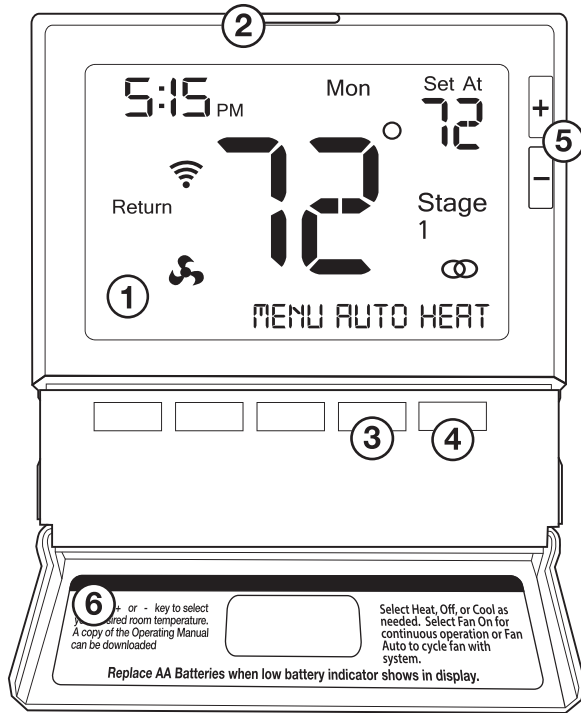
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Una version en español de este manual se puede descargar en la pagina web de la compañía.



### 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.



## 1 LCD Display

See page 6 for details about this display read out.

## 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 Button

Select **ON**, **AUTO** or **IAQ**. The **ON** setting will run the fan continuously. The **AUTO** setting will cycle the fan on only when the heating or cooling system is on. **IAQ** will enable **IAQ FAN MODE**, if programmed.

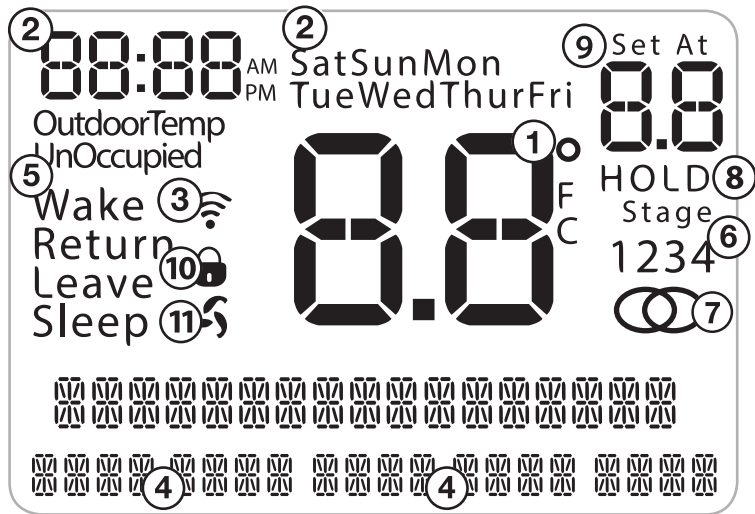
## 4 System Button

Selects the operation mode on your **HVAC** system. Selecting **HEAT** turns on the heat mode. Selecting **COOL** turns on the cool mode. Selecting **OFF** turns both heating and cooling off. Selecting **AUTO** will turn the **HEAT** or **COOL** on as needed. (**EMHT** will appear as an option if operating a heat pump. **EMHT** setting will turn on emergency heat)

## 5 Temperature Setpoint Buttons

Press the **+** or **-** buttons to select the desired room temperature.







## 6 Button Access Door



- ① Indicates the current room temperature
- ② Time and day of the week
- ③ WIFI Signal Strength
- ④ Button Options
- ⑤ **Program Time Periods - Residential:** Uses 4 time periods - WAKE, RETURN, LEAVE & SLEEP. Commercial uses 2 time periods - OCCUPIED, UNOCCUPIED.
- ⑥ **Staging Indicators:** Indicates stages of heat or cool running. The compressor delay feature is active if these are flashing.
- ⑦ **WIFI Connection Indicator**
- ⑧ **Hold:** Is displayed when the thermostat program is permanently overridden.
- ⑨ **Setpoint:** Displays the user selectable setpoint temperature.
- ⑩ **Lockout Indicator**
- ⑪ **Fan Indicator**

## Set Time

Follow the steps below to set the day of the week and current time:

1. Press the **MENU** button.
2. Press **TIME**.
3. Day of the week will be flashing. Use the  or  key to select the current day of the week.
4. Press **STEP**.
5. The current hour is flashing. Use the  or  key to select the current hour. When using 12-hour time, make sure the correct a.m. or p.m. choice is selected.
6. Press **STEP**.
7. Minutes are now flashing. Use the  or  key to select current minutes.
8. Press **DONE** when completed.







### Important:

You will see a **TECH** option after the **MENU** key is pressed. This **TECH** key is for installer configuration and should **NOT** be changed unless you consult your professional heating and air conditioning technician.

## 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** with the system switch.  
**Note:** You have to program heat and cool each separately.
2. Press the **MENU** button (If menu does not appear first press **RUN**).
3. Press **SET SCHED**. **Note:** Monday-Friday (**Monday if in 7 day**) is displayed and the **WAKE** icon is shown. You are now programming the **WAKE** time period for that day.
4. Time is flashing. Use the  or  key to make your time selection for that day's **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 that day's **WAKE** period.
7. Press **NEXT**.
8. Repeat steps 4 through 7 for that day's **LEAVE** time period, **RETURN** time period, and the **SLEEP** time period.

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**Saturday:**

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

**Sunday:**

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

**To customize your 7 day Program Schedule, repeat steps 4 through 8 for the Tuesday, Wednesday, Thursday, Friday, Saturday and Sunday time periods.**

**A Note About Auto Changeover:**

When 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 setpoint. 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.

**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** with the system key.  
**Note:** You have to program heat and cool each separately.
2. Press the **MENU** button (If menu does not appear first, press **RUN**).
3. Press **SCHED**. **Note:** Monday-Friday (**Monday if in 7 day**) is displayed and the **OCCUPIED** text is shown. You are now programming the **OCCUPIED** time period for that day.
4. Time is flashing. Use the  or  key to make your time selection for **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 that day's **OCCUPIED** period.
7. Press **NEXT**.
8. Repeat steps 4 through 7 for that day's **UNOCCUPIED** time period.

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**Saturday:**

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

**Sunday:**




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

**To customize your 7 day Program schedule, repeat steps 4 through 8 for the Tuesday, Wednesday, Thursday, Friday, Saturday and Sunday.**



**A Note About Programmable Fan:**



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

**Keypad Lockout Note:**

If  appears in the 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. Use the same procedure to lock the display

**Temporary & 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. After this, the program setpoint will then replace your temporary setpoint.

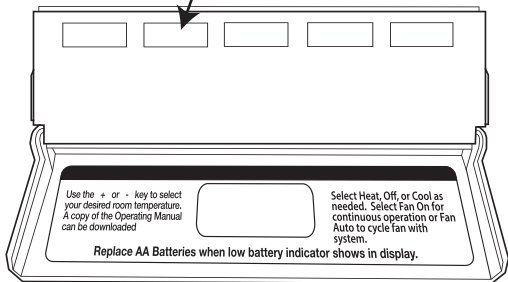
**Permanent Hold:** With a temporary hold set, if you press the **HOLD** key at the bottom of your screen, you will see **HOLD** appear below the setpoint temperature in the display. The thermostat will now permanently stay at this setpoint and can be adjusted using the  or  keys.

**To Return To Program:** Press the **RUN** key at the bottom of your screen to exit temporary and permanent holds.

## Filter Change & Other Reminders

If your HVAC contractor has configured the thermostat to remind you when the air filter needs changed, you will see a reminder in the display when your air filter needs to be changed.

**Resetting The Filter Change Reminder:** When the reminder is displayed, you should change your air filter and reset the reminder by holding down the **Set Time/Next Step** button 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.

## Warranty Registration

Your new thermostat has a 5 year limited warranty. You must register your thermostat within 60 days of installation. Without this registration the warranty period will begin on the date of manufacture. For warranty issues please contact the HVAC professional that installed this product. You can register your new thermostat in 2 ways:

### Online

Go to the company website, select warranty registration and fill out a short registration form.

### Mail

Complete the form below and mail it to the address shown.



## Warranty Registration

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

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

City: \_\_\_\_\_ Complete form and mail to:

State: \_\_\_\_\_ **Thermostat Warranty Registration**

Zip: \_\_\_\_\_ Pro1iaq

P.O. Box 3377  
Springfield, MO 65808-3377



**Cut Out For  
Warranty Registration**



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