

# PRO<sup>1</sup>

## T755H


**Pro1 Technologies, Inc.**

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Springfield, MO 65804

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

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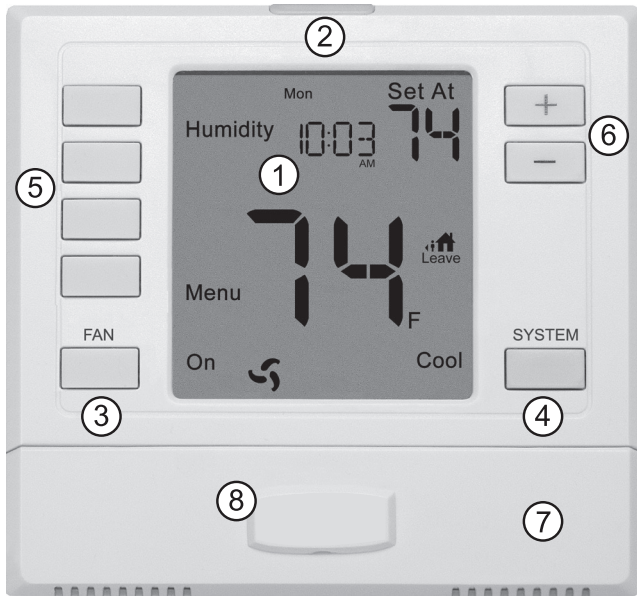


**Caution:**  
Equipment damage hazard  
Do not operate the cooling system if the outdoor temperature is below 50° F (10° C) to prevent possible compressor damage.

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

# OPERATING MANUAL THERMOSTAT QUICK REFERENCE

## Getting to know your thermostat



- ② Glow in the Dark Light Button
- ③ Fan Button
- ④ System Button
- ⑤ User Program Buttons
- ⑥ Temperature Setpoint Buttons
- ⑦ Battery Door
- ⑧ Universal Private Label Badge

### ① LCD

Displays the days of the week and time, or the current ambient humidity level.

Menu Options: Shows different options

+1 will appear in the display when second stage of heat or cool is on.  
+2 will appear for third stage of heat.

Indicates the current room temperature.

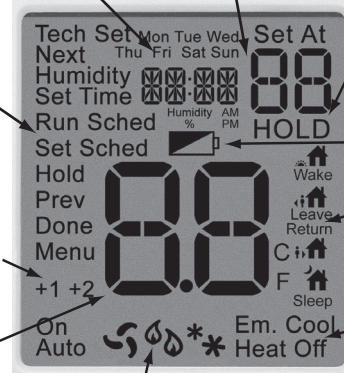
Displays the user selectable setpoint temperature.

HOLD is displayed when thermostat program is permanently overridden.

Low Battery Indicator: Replace batteries when this indicator is shown.

Programmable Time Period Icons: This thermostat has 4 programmable time periods per day.

System: Select heat, off or cool as needed.



\* \*    \* \*    \* \*  
COOL   HEAT   FAN

The COOL, HEAT or FAN icon will display when the COOL, HEAT or FAN is on. NOTE: The compressor delay feature is active if these icons are flashing. The compressor will not turn on until the 5 minute delay has elapsed.

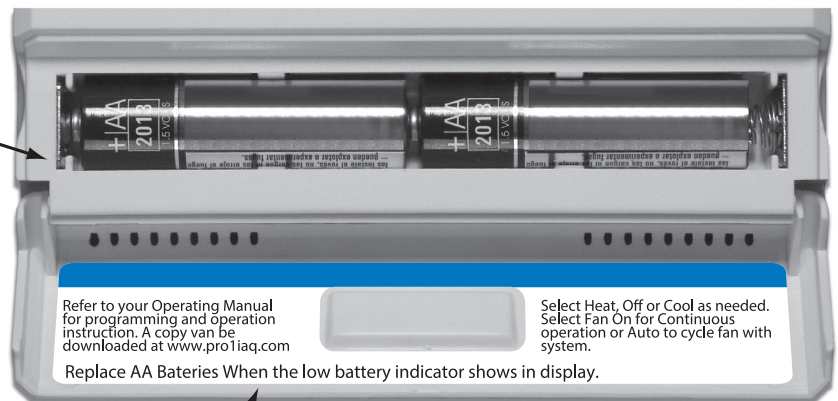


### Important:

The low battery indicator is displayed when the AA battery power is low. If the user fails to replace the battery within 21 days, the thermostat display will only show the low battery indicator as a final warning before the thermostat becomes inoperable. The batteries are located on the front of the thermostat.

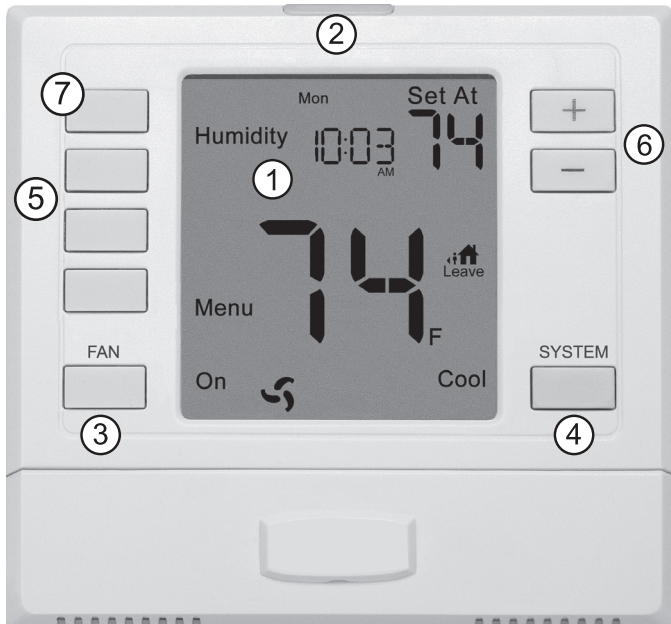
## Battery information

Open the battery door on the front of the thermostat and insert 2 AA Alkaline batteries (included).



Simple operating instructions are found on the back of the battery door.


## Easy to use controls




- ① **LCD Display:**  
See page 2 for details about this display read out and icons.
- ② **Light Button (Glow in the Dark):**  
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 or AUTO. 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.

### 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.



**Caution:**  
When the battery icon  appears replace your AA batteries immediately. Failure to do so may result in your heating & cooling system becoming inoperable.

- ④ **System Button:**  
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. (EM Heat will appear as an option if operating a heat pump. EM Heat setting will turn on Emergency Heat.)
- ⑤ **User Buttons:**  
Use these buttons to set up your programming options. Refer to the next page for instructions.
- ⑥ **Temperature Setpoint Buttons:**  
Press the + or - buttons to select the desired room temperature.
- ⑦ **Humidity Button:**  
Use this key to enter the target humidity setpoint screen. Refer to the next page for instructions.

## Setting Target Humidity Setpoint

Follow the steps below to change your target humidity setpoint.

Press the **HUMIDITY** key

Use the **+** or **-** key to select the target humidity setpoint.

Heat and Cool are set separately

Press **DONE** when completed

**HUMIDITY KEY**



**TARGET HUMIDITY SETPOINT KEYS**

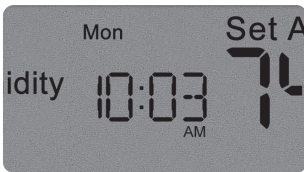


**Note:**

- The target humidity setpoint is not programmable. Unlike temperature, humidity does not change quickly and should not be programmed.
- Humidification mode operable during heat mode only. Dehumidification mode (A/C equipment or De-Humidifier) operable during cooling modes only. Heat and Cool each have their own target setpoints.

## Ambient Humidity Display

Ambient humidity will flash opposite of the day and time, and HON if HEAT and FAN is energized at the same time. Ambient humidity will flash opposite of the day and time, and dON if COOL and FAN is energized at the same time.



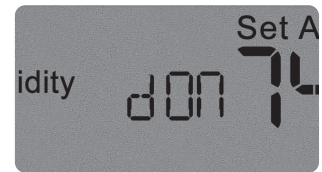
DAY AND TIME



AMBIENT HUMIDITY



HON (Humidify Energized)



dON (de-humidify Energized)

## Recommended Heating Settings:

### Increasing Humidity

The table on the right shows recommended indoor humidity levels in relation to outdoor temperatures during heating (adding humidity).

Outside Temperature (0°F)	Recommended Relative Humidity
+20° and above	35% to 40%
+10°	30%
0°	25%
-10°	20%
-20°	15%

## Recommended Cooling Settings:

Consult your professional HVAC technician for recommended settings for your climate.



### Set Time

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Follow the steps below to set the current time:

1. Press MENU
2. Press SET TIME
3. Day of the week will be flashing.  
Use the  or  key to select the current day of the week.
4. Press NEXT 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 NEXT 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 SETUP option after the MENU key is pressed.

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

### Set Program Schedule 5+1+1

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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 SET 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.
5. Press NEXT STEP
6. The setpoint temperature is flashing. Use the  or  key to make your setpoint selection for the weekday WAKE period.
7. Press NEXT STEP
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.

## Temporary and Permanent Hold Feature

**Temporary hold:** The thermostat will display HOLD and RUN SCHED on the left side 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.

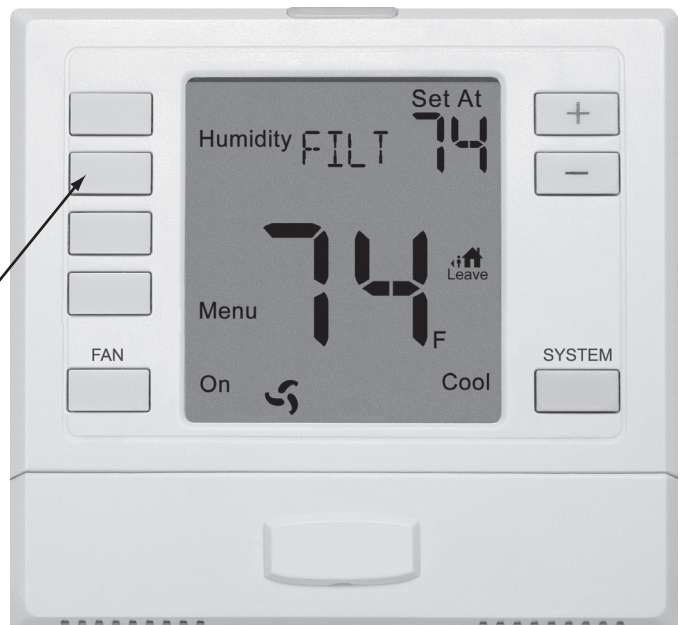
**Permanent hold:** If you press HOLD key at the left of your screen, you will see HOLD appear below the setpoint temperature in the display. The thermostat will now permanently stay at this setpoint and can be adjusted using the **+** or **-** keys.

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

## Filter Change Reminder

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 second button from the top of the thermostat for 3 seconds.



## Warranty Registration:

Your new thermostat has a 5 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, select warranty registration and fill out a short registration form.

- or -

- ② Complete the form below and mail it to the address shown.



## Pro1 IAQ Warranty Registration:

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

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

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

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

Complete form and mail to:

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

**Pro1 IAQ Inc.**

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

1111 S. Glenstone

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

Suite 2-100

Springfield, MO 65804