

**PRO**  
Operation Manual

**PRO**  
Operation Manual



# T705

## Pro1 Technologies

P.O. Box 3377

Springfield, MO 65808-3377

Toll Free: 888-776-1427

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

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

### Table of Contents

### Page

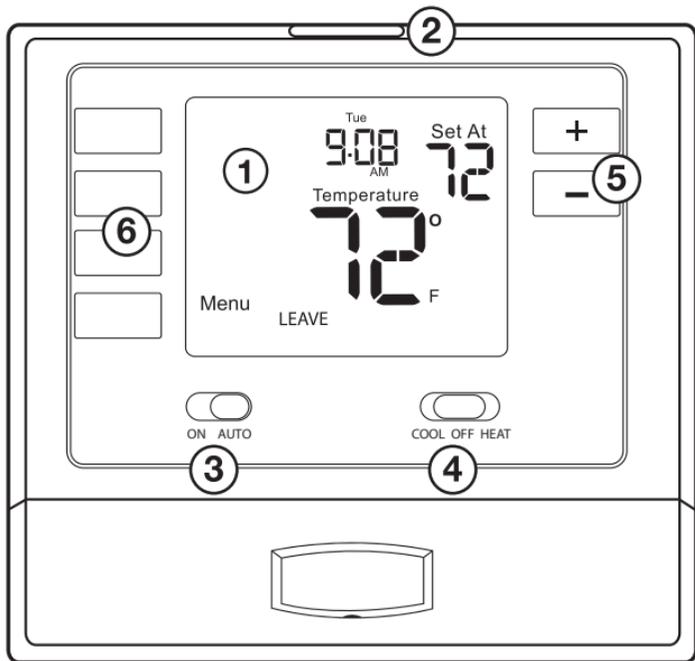
Table of Contents	1
Thermostat Quick Reference	2-4
Thermostat Operation	5-6
Warranty Information	7



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



1 LCD Display

2 Glow in the dark light button

3 Fan Switch

4 System Switch

5 Temperature Setpoint Buttons

6 User Buttons

1 **LCD Display**  
See page 4 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 Switch**  
Select **ON** or **AUTO**. **ON** will run the fan continuously. **AUTO** will cycle the fan on only when the heating or cooling system is on.

4 **System Switch**  
Selects the operation mode on 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.

5 **Temperature Setpoint Buttons**  
Press the + or - buttons to select the desired room temperature.

6 **User Buttons**  
Use these buttons to set up your programming options. Refer to the next page for detail.



### Caution:

When the battery icon **LOW** appears replace your AA batteries immediately. Failure to do so may result in your heating & cooling system becoming inoperable. Freezing or over heating can occur.

**Days of the week and time.** (Points to the day and time display)

**Displays the user selected setpoint temperature.** (Points to the temperature display)

**Hold:** Is displayed when thermostat program is permanently overridden.

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

**System Operation Indicators:** The COOL ON, HEAT ON 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.

**Programmable Time Periods:** This thermostat has 4 programmable time periods per day.

**Buttons:** Tech Set Next Step, Set Time Run Sched, Set Sched Hold Prev Step, Menu Done, Sun Mon Tue Wed Thu Fri Sat, AM PM, Set At, Hold, C F, LEAVE SLEEP RETURN WAKE, COOL ON HEAT ON, fan icon.

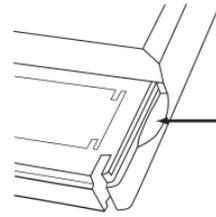
**Button Options:** (Points to the left side of the thermostat)



## Important:

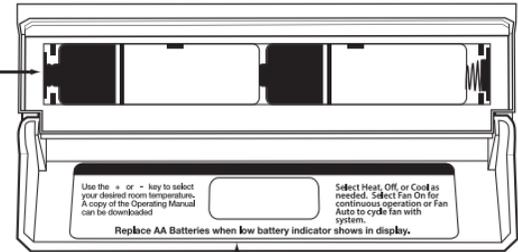
The low battery indicator is displayed when the AA battery power is low. If the user fails to replace the battery within 21 days, the screen will only show the low battery indicator but maintain all functionality. If the user fails to replace the batteries after an additional 21 days (days 22-42 since first "low battery" display) the set points will change to 55°F (Heating) and 85°F (Cooling). If the user adjusts these setpoints away from these it will hold for 4 hours then return to either 55°F or 85°F. After day 63 the batteries must be replaced immediately to avoid freezing or overheating because the thermostat will shut the unit off until the battery is changed.

## Battery Door Information



Replace with 2 AA Alkaline Batteries. High quality Alkaline batteries are recommended.

Use the finger bevel on the lower portion of the thermostat to open the easy access battery door.



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

## Temporary and Permanent Hold Feature (if using programming)

**Temporary Hold:** The thermostat will display **HOLD** and **RUN SCHED** on the left of your screen when you press the **+** or **-** key. If you do nothing, the temperature will remain at this setpoint temporarily until next time period. Your program setpoint will then replace your temporary setpoint.

**Permanent Hold:** If you press the **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.

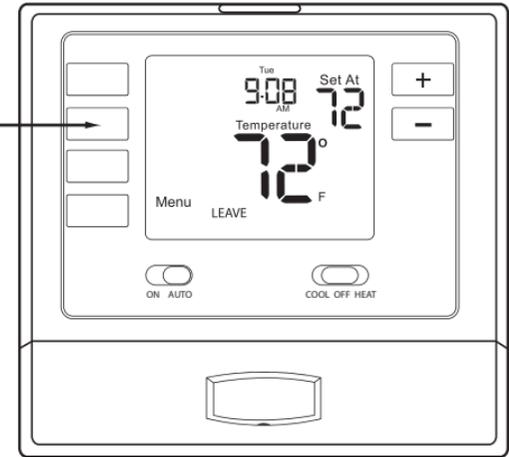
**To return to program:** Press the **RUN SCHED** key at the left of your screen to exit either temporary or permanent hold.

## Filter Change Reminder

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

**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 left side of the thermostat for 3 seconds.

Hold down 3 seconds, to reset filter reminder.



## Set Time

1. With system switch set to OFF, press the **MENU** button
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.

## Set Program Schedule 5+1+1 or 7 Day

To customize your program schedule, follow these steps:

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 SCHED**)
3. Press **SET SCHED**. Note: Monday-Friday or (**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.
5. Press **NEXT STEP**
6. The setpoint temperature is flashing. Use the  or  key to make your setpoint selection for that day's **WAKE** time period.
7. Press **NEXT STEP**
8. Repeat steps 4 thru 7 for that day's **LEAVE** time period, **RETURN** time period, and **SLEEP** time period.

Continued on next page...

## Set Program Schedule 5+1+1 or 7 Day (Continue...)

### Saturday:

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

### Sunday:

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



If using 7-Day Programming use previous steps for every individual day.

You can also use these time saving functions. You must be in **Set Sched** Programming Mode (**Press Menu >> Press Set Sched**) for the following functions to work:

- 1) To copy ALL time periods and temperatures of current system and day to ALL days, Press and Hold 2nd button down on left until the Days and Time flash.
- 2) To copy ALL time periods (only times) for ALL days to the opposite system (Heat to Cool / Cool to Heat), Press and hold the Glow in the Dark Light button down until Set Time and Time flash.

## 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 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**



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