

PRO
Operation Manual

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Operation Manual



T625-2

Pro1 Technologies

P.O. Box 3377

Springfield, MO 65808-3377

Toll Free: 888-776-1427

Web: www.pro1iaq.com

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

Table of Contents

Page

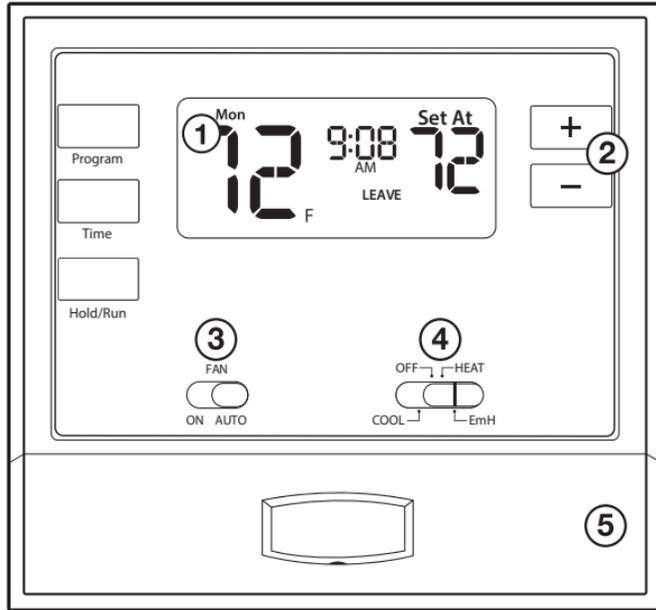
Table of Contents	1
Thermostat Operation	2-3
Thermostat Quick Reference	4-7
Programming	8-10
Warranty Information	11



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 Temperature Setpoint Buttons

3 Fan Switch

4 System Switch

5 Easy change battery door

6 User Buttons

1 LCD Display

See page 4 for details about this display read out.

2 Temperature Setpoint Buttons

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

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 cool mode. Selecting **OFF** turns both heating and cooling off. Selecting **EmH** (for heat pumps with auxiliary heat) will lockout the compressor and control emergency/auxiliary heat.

5 Easy Change Battery Door

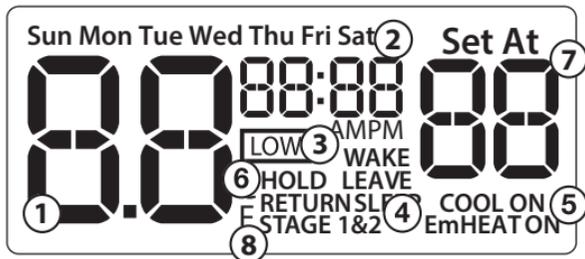
6 User Buttons

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.



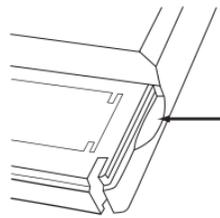
- ① **Indicates the current room temperature**
- ② **Time and day of the week**
- ③ **Low Battery Indicator:** Replace batteries when this indicator is shown.
- ④ **Program Time Periods:** This thermostat has 4 programmable time periods per day.
- ⑤ **System Operation Indicators:**
The COOL ON, HEAT ON will display when COOL or HEAT is on.

Note: The Compressor delay feature is active if these are flashing.
- ⑥ **Hold** is displayed when the thermostat program is permanently overridden.
- ⑦ **Setpoint:** Displays the user selectable setpoint temperature.
- ⑧ **Stages:** Indicates the stages of heat that are active.

Important:

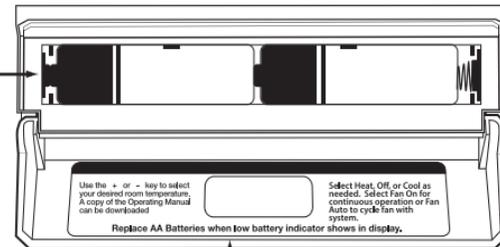
The low battery icon is displayed when the AA battery power is low. Whenever the thermostat detects low battery voltage from the AA batteries, the low battery icon will begin flashing on the screen for 21 days (if the batteries are not changed). If the batteries are not changed 22 days after the thermostat detects low battery voltage, the thermostat screen will only show the flashing battery icon until buttons are pressed. If the batteries are not changed 43 days after the thermostat detects low battery voltage, the thermostat screen will only show the flashing battery icon until buttons are pressed and the set points will offset to 85°F/29°C in cooling and 55°F/13°C in heating. At this stage, set point changes can be made temporarily but, the set points will change back to defaulted values after a 4-hour period. The thermostat will continue to perform this low battery flashing, temperature offset condition until the internal voltage threshold is reached. When the thermostat internal voltage threshold is reached, all relays will be opened and the thermostat will become inoperable until new batteries are installed.

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: If you press the  or  at this time until the next scheduling period starts. The temperature will remain at this setpoint temporarily until next time period.

Permanent Hold: If you press the **HOLD** button on the left of your screen, you will see **HOLD** appear to the right of the ambient temperature in the display. The thermostat will now permanently stay at this setpoint and can be adjusted using the  or  keys.

To Return to Running Schedule: Press the **RUN** button on the left of your screen to exit either temporary or permanent hold.

Understanding Your Thermostats Staging:

This thermostat controls 2 stages of heating. For reasons of energy efficiency the thermostat will try to maintain your comfort setting using only 1 stage. If the 2nd stage is necessary it will be used and you will see Stage 2 in the display.

Set Time

1. Press **TIME**
2. Day of the week will be flashing. Use the or key to select the current day of the week.
3. Press **PROGRAM**
4. The current hour is flashing. Use the or key to select the current hour. Make sure the correct a.m. or p.m. choice is selected.
5. Press **PROGRAM**
6. Minutes are now flashing. Use the or key to select current minutes.
8. Press the **TIME** button in order to go back a step.
7. Press **HOLD/RUN** when completed.

Set Program Schedule 5+1+1 or 7 Day

To customize your 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 **PROGRAM**
3. Monday-Friday is displayed and **WAKE** 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.
5. Press **PROGRAM**
6. The setpoint temperature is flashing. Use the or key to make your setpoint selection for the weekday wake period.
7. Press **PROGRAM**
8. Repeat steps 4 thru 7 for weekday **LEAVE** time period, for weekday **RETURN** time period, and for weekday **SLEEP** time period.

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

Saturday:

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

Sunday:

Repeat steps 4 thru 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.

Warranty Registration

Your new thermostat has a 2 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**



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