PRO1

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Springfield, MO 65804

Toll-Free: 888-776-1427   **Web:** www.pro1iaq.com
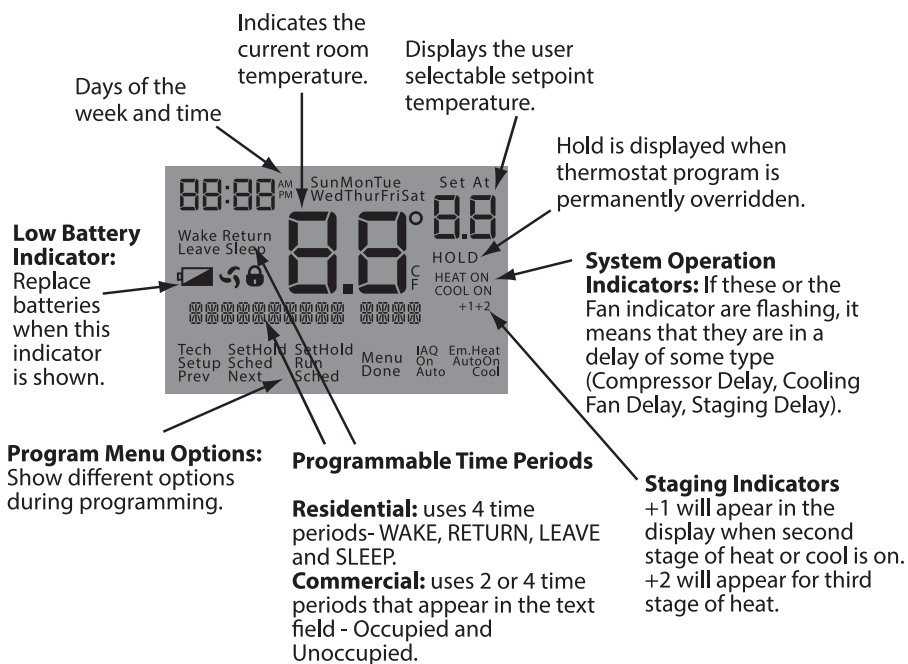**Hours of Operation:** M-F 9AM - 6PM Eastern

Table of Contents	Page

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

②
③
①
5:23 PM   Tue
76° F
Menu   Off
    Auto
④ ⑤ ⑥ ⑦ ⑧ ⑨
⑪
⑩

Days of the week and time

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.

88:88 AM/PM   SunMonTue WedThurFriSat   Set At 8.8
Wake Return Leave Sleep   8.8° C/F   HOLD HEAT ON COOL ON +1+2
Tech Setup Prev   SetHold Sched Next   SetHold Run Sched   Menu Done   IAQ On Auto   Em.Heat AutoOn Cool

System Operation Indicators: If these or the Fan indicator are flashing, it means that they are in a delay of some type (Compressor Delay, Cooling Fan Delay, Staging Delay).

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

Program Menu Options: Show different options during programming.

Programmable Time Periods

Residential: uses 4 time periods- WAKE, RETURN, LEAVE and SLEEP.
Commercial: uses 2 or 4 time periods that appear in the text field - Occupied and Unoccupied.

① LCD Display
② Glow in the Dark Light Button
③ Set Point Buttons
4-6 Program Buttons
⑦ Menu Button
⑧ Fan Button
⑨ System Button
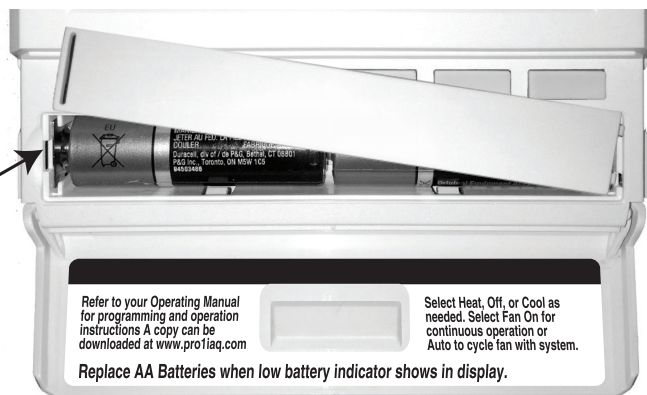⑩ Button/Battery Access Door
⑪ Battery Cover

⚠️ **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 42 the batteries must be replaced immediately to avoid freezing or overheating because the thermostat will shut the unit off until the battery is changed.
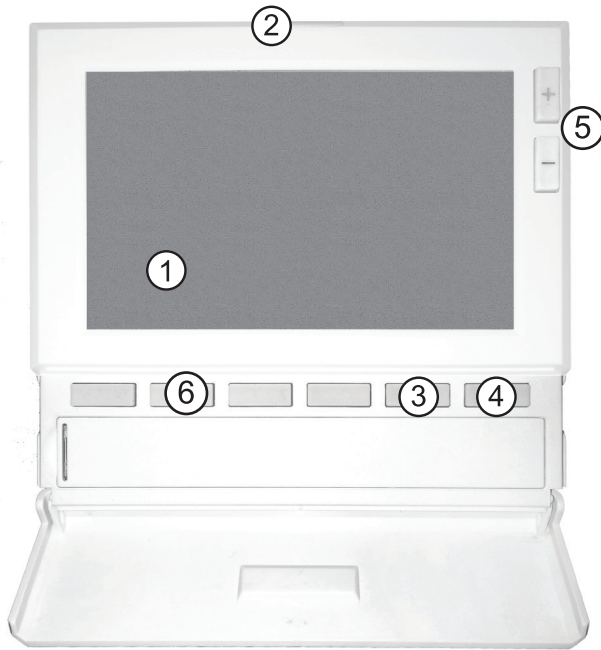
Battery Information

Important:
High quality alkaline batteries are recommended. Rechargeable batteries or low quality batteries do not guarantee a 1-year life span.

To release battery cover press finger bevel on the left side and lift the cover to access batteries.

Refer to your Operating Manual for programming and operation instructions A copy can be downloaded at www.pro1iaq.com

Select Heat, Off, or Cool as needed. Select Fan On for continuous operation or Auto to cycle fan with system.

Replace AA Batteries when low battery indicator shows in display.

Easy to use controls

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

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.

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.

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 **Set 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

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 3rd button from the
left side of the thermostat for 3 seconds.
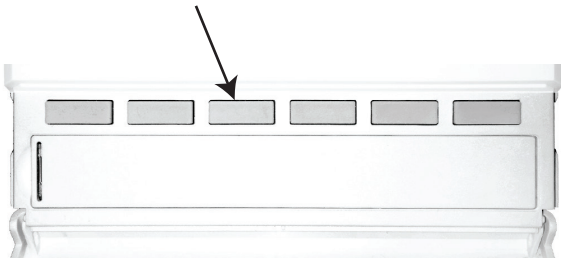
This thermostat also has other maintenance
reminders (Humidity Pad, UV lamp, and IAQ
Cell), that are reset with the same procedure.

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.

Temporary and Permanent Hold Feature

Temporary hold: The thermostat will display
HOLD and RUN SCHED 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 SCHED
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 or OCCUPIED 1, UNOCCUPIED 1, OCCUPIED 2, UNOCCUPIED 2)

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/OCC1** icon is shown. You are now programming the **WAKE/OCC1** time period for the weekday setting.

4. Time is flashing. Use the ⊞ or ⊟ key to make your time selection for the weekday **WAKE/OCC1** 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/OCC1** period.

7. Press **NEXT**

8. Repeat steps 4 through 7 for weekday **LEAVE/UNOCC1** time period, for weekday **RETURN/OCC2** time period, and for weekday **SLEEP/UNOCC2** time period.

Saturday:

9. Repeat steps 4 through 7 for Saturday **WAKE/OCC1** time period, for Saturday **LEAVE/UNOCC1** time period, for Saturday **RETURN/OCC2** time period, and for Saturday **SLEEP/UNOCC2** time period.

Sunday:

10. Repeat steps 4 through 7 for Sunday **WAKE/OCC1** time period, for Saturday **LEAVE/UNOCC1** time period, for Sunday **RETURN/OCC2** time period, and for Saturday **SLEEP/UNOCC2** 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 **SET SCHED**.
   Note: Monday is displayed and the **WAKE/OCC1** icon is shown. You are now programming the **WAKE/OCC1** time period for the monday setting.

4. Time is flashing. Use the ⊞ or ⊟ key to make your time selection for the Monday **WAKE/OCC1** 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/OCC1** period.

7. Press **NEXT**

8. Repeat steps 4 thru 7 for Monday **LEAVE/UNOCC1** time period, for Monday **RETURN/OCC2** time period, and for Monday **SLEEP/UNOCC2** 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 **SET 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 **SET 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 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, and fill out a short registration form online.

- or -

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

Warranty Registration:

Name: _____   **Thermostat Model:** _____

Address: _____   **Date Installed:** _____

_____

Complete form and mail to:

City: _____

State: _____   **Thermostat Warranty Registration**

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