

This manual covers TopTech models: TT-S-755H

### Thermostat Applications Guide

| Description   |     |
|---|-----|
| Gas or Oil Heat   | Yes |
| Electric Furnace  | Yes |
| Heat Pump (No Aux. or Emergency Heat)   | Yes |
| Heat Pump (with Aux. or Emergency Heat)   | Yes |
| Multi-stage Systems   | Yes |
| Heat Only Systems   | Yes |
| Cool Only Systems   | Yes |
| Millivolt   | Yes |
| Any HVAC System up to 3H/2C with standard low voltage controlled humidifier.    | Yes |
| Any HVAC System up to 3H/2C with standard low voltage controlled de-humidifier. | Yes |

#### **Table of Contents Page** 2 **Installation Tips** 3 Thermostat Quick Reference 4 Subbase Installation 5 Wiring 6-9 Technician Setup Menu 10 Setting The Humidity 11 Mounting and Battery Installation 12-13 Programming The Thermostat **Specifications** 14

Una versión española de este manual puede ser descargada en www.pro1iag.com

### **Power Type**

Battery Power
Hardwire (Common Wire)
Hardwire (Common Wire) with Battery Backup

# A trained, experienced technician must install this product.

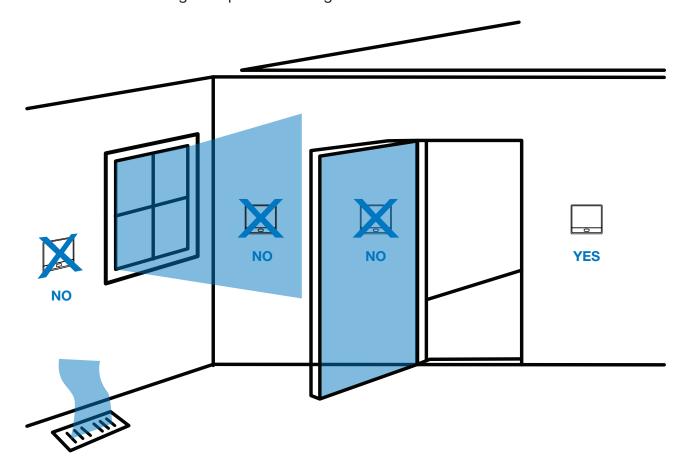
Carefully read these instructions. You could damage this product or cause a hazardous condition if you fail to follow these instructions.

# **Need Help?**

For assistance with this product please visit http://www.pro1iaq.com or call Pro1 Customer Care toll-free at 888-Pro1iaq (776-1427) during normal business hours (Mon-Fri 9 AM - 6 PM Eastern)

#### **Wall locations**

The thermostat should be installed approximately 4 to 5 feet above the floor. Select an area with average temperature and good air circulation.



Do not install thermostat in locations:

- Close to hot or cold air ducts
- That are in direct sunlight
- With an outside wall behind the thermostat
- In areas that do not require conditioning
- Where there are dead spots or drafts (in corners or behind doors)
- Where there might be concealed chimneys or pipes
- Where appliances could radiate heat

### **PRO1 Tip**

Pick an installation location that is easy for the user to access. The temperature of the location should be representative of the building.

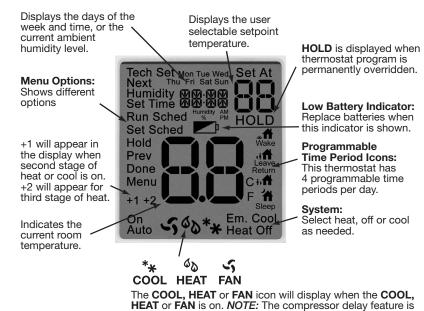
# THERMOSTAT QUICK REFERENCE

#### Getting to know your thermostat



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







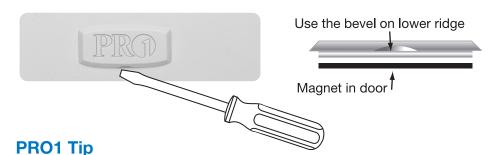
### **Important:**

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.

active if these icons are flashing. The compressor will not

turn on until the 5 minute delay has elapsed.

# Removing the private label badge



Gently slide a screwdriver into the bottom edge of the badge. Gently turn the screwdriver counter clockwise. The badge is held on by a magnet. The badge should pry off easily. **Do not use force.** 

All Pro1 thermostats use the same universal magnetic badge.

Visit our website at www.pro1iag.com to learn more about our free private label program.

# **SUBBASE INSTALLATION**



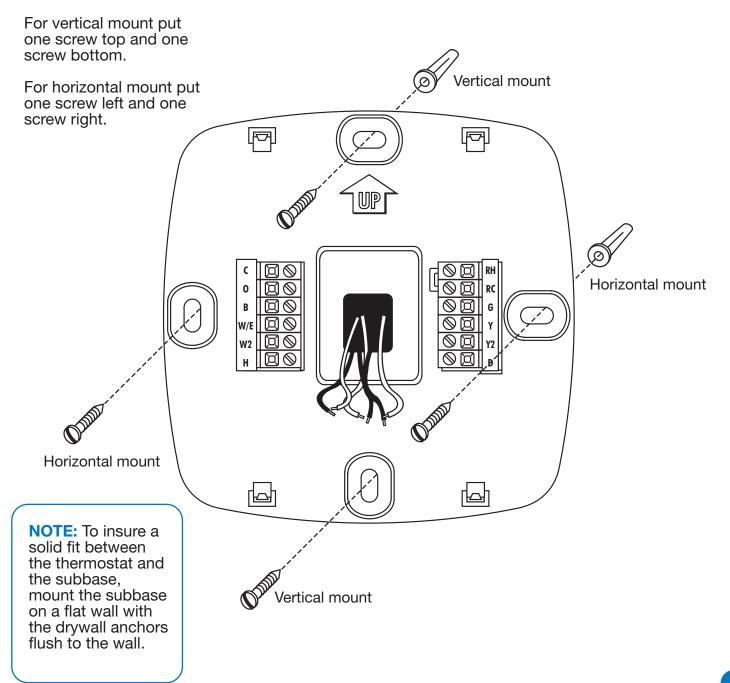
# Caution: Electrical Hazard

Failure to disconnect the power before beginning to install this product can cause electrical shock or equipment damage.



### **Mercury Notice:**

All of Pro1's products are mercury free. However, if the product you are replacing contains mercury, dispose of it properly. Your local waste management authority can give you instructions on recycling and proper disposal.





#### Wiring

- If you are replacing a thermostat, make note of the terminal connections on the thermostat that is being replaced. In some cases the wiring connections will not be color coded. For example, the green wire may not be connected to the G terminal.
- 2. Loosen the terminal block screws. Insert wires then retighten terminal block screws.
- 3. Place nonflammable insulation into wall opening to prevent drafts.
- Push wire into the wall so the thermostat can mount securely to the subbase.



### Warning:

All components of the control system and the thermostat installation must conform to Class II circuits per the NEC Code.

#### Wire specifications

Use shielded or non-shielded 18 - 22 gauge thermostat wire.

#### **Terminal Designations**

This thermostat is shipped from the factory to operate a conventional heating and cooling system. This thermostat will also operate a heat pump system. See the "heat pump" configuration step on page 8 of this manual to configure the thermostat for heat pump applications.

| Terminal | 2 Heat 2 Cool<br>Conventional System                           | 2 Heat 2 Cool<br>Heat Pump System               | 3 Heat 2 Cool<br>Heat Pump System               |
|----------|--|---|---|
| RC       | Transformer power (cooling)                                    | Transformer power (cooling)                     | Transformer power (cooling)                     |
| RH       | Transformer power (heating)                                    | Transformer power (heating)                     | Transformer power (heating)                     |
| С        | Transformer common (For 2 transformer systems, use RH common.) | Transformer common                              | Transformer common                              |
| В        | Energized in heating   | Heat pump changeover valve energized in heating | Heat pump changeover valve energized in heating |
| 0        | Energized in cooling   | Heat pump changeover valve energized in cooling | Heat pump changeover valve energized in cooling |
| G        | Fan relay  | Fan relay                                       | Fan relay                                       |
| W/E      | First stage of heat  | Emergency heat relay                            | Emergency heat relay                            |
| W2       | Second stage of heat   | Auxiliary heat relay, second stage of heat      | Auxiliary heat relay,<br>third stage of heat    |
| Υ        | First stage of cool  | First stage of heat & cool                      | First stage of heat & cool                      |
| Y2       | Second stage of cool   | Second stage of cool                            | Second stage of cool<br>& second stage of heat  |
| Н        | Humidify   | Humidify  | Humidify  |
| D        | Dehumidify   | Dehumidify                                      | Dehumidify                                      |

### **Pro1 Tips:**

#### C terminal

The **C** (common wire) terminal does not have to be connected when the thermostat is powered by batteries.

#### Note:

In many systems with no emergency heat relay a jumper can be installed between E and W2.

#### **Technician Setup Menu**

This thermostat has a technician setup menu for easy installer configuration. To set up the thermostat for your particular application:

- 1. Press **MENU** button
- 2. Press and hold **TECH SETUP** button for 3 seconds. This 3 second delay is designed so that homeowners do not accidentally access the installer settings.
- Configure the installer options as desired using the table below.

Use the + or - keys to change settings and the **NEXT STEP** or **PREV STEP** key to move from one option to another. **Note:** Only press **DONE** key when you want to exit the Technician Setup options.

#### **Tech Setup Steps** Filter Room Minimum Compressor Cooling Heating Change **Temperature** Compressor Short Cycle Delay Swing Swing Reminder Calibration On Time This feature will flash This feature allows This feature allows the The compressor short The swing setting, often The swing setting, often the installer to change installer to select the called "cycle rate", called "cycle rate", **FILT** in the display cycle delay protects the after the elapsed run the calibration of the minimum run time for compressor from "short "differential" or "differential" or cycling". This feature will "anticipation" is "anticipation" is time to remind the room temperature the compressor. user to change the display. For example, For example, a setting of not allow the compressor adjustable. A smaller adjustable. A smaller filter. A setting of if the thermostat 4 will force the to be turned on for 5 swing setting will cause swing setting will cause compressor to run for at **OFF** will disable this reads 70° and you minutes after it was last more frequent cycles and more frequent cycles and feature. would like it to read least 4 minutes every turned off. a larger swing setting will a larger swing setting 72 $^{\circ}$ then select +2. cause fewer cycles. will cause fewer cycles. time the compressor turns on, regardless of the room temperature. LCD Will Show COUL CIF COOFTA Π CAL dFC0 Prev Done **Adjustment Options** The cooling swing setting is adjustable from $\pm 0.2^{\circ}F$ to $\pm 2^{\circ}F$ . You can adjust the You can adjust the Selecting **ON** will not You can select the The heating swing filter change room temperature allow the compressor to setting is adjustable minimum compressor reminder from **OFF** display to read -4°F to be turned on for 5 run time from "off", from $\pm 0.2^{\circ}$ F to $\pm 2^{\circ}$ F. to 2000 hours of $+4^{\circ}F$ above or below "3", "4", or "5" minutes. minutes after the last For example: A swing For example: A swing runtime in 50 hour the factory calibrated If 3, 4, or 5 is selected, time the compressor was setting of 0.5°F will turn setting of 0.5°F will reading. increments. the compressor will run on. Select OFF to the cooling on at turn the heating on at approximately 0.5°F for at least the selected approximately 0.5°F remove this delay. time before turning off. above the setpoint and below the setpoint and turn the cooling off at turn the heating off at approximately 0.5°F approximately 0.5°F below the setpoint. above the setpoint. **Factory Default Settings** 0.5 °F **OFF** 0°F **OFF** ON 0.4 °F

| Morning<br>Recovery  | °F or °C   | 12 or 24<br>Hour Clock                               | Fan<br>Operation  | Program<br>Options   | Heat Pump  |
|--|--|--|---|--|--|
| This feature turns your system on before the NAKE programming ime to ensure the enviroment is at the NAKE setpoint when he WAKE time period begins. This recovery changes over time based on the previous days experience. | Select <b>F</b> for Fahrenheit<br>temperature read out<br>or select <b>C</b> for Celsius<br>read out | You can select either a 12 or 24 hour clock setting. | Select <b>GAS</b> for systems that control the fan during a call for heat.  Select <b>ELEC</b> to have the thermostat control the fan during a call for heat. | You can configure this thermostat to have a 5+1+1 program or non-programmable. | When turned on the thermostat will operate a heat pump.  1. EM.Heat will show as an option in the system switch.  2. Y will be first stage of heat & cool, W/E will be emergency heat relay & W2 will be auxiliary heat relay. |
| Next MORN OF   | Prev Done  | Prev Done  | Prev Done   | Prev Done  | Next HP LIM DF   |
| Use the + or - key to turn on or off.  | °F for Fahrenheit<br>°C for Celsius  | Use the + or - key to select 12 or 24 hour clock.    | <b>GA</b><br>or<br><b>EL</b>  | Use the + or - key <b>5d</b> for 5+1+1, or <b>0d</b> for non-progammable.      | OFF configures the thermostat for non hear pump systems  ON configures the thermostat for heat pump systems  |
| actory Default Settings<br>ON  | °F   | 12 Hour Clock  | GAS   | 5d   | OFF  |

### **PRO1 Tip**

The second stage will turn on at 2x the swing setting. The second stage will turn off when 1x the swing is reached. For example, if the swing setting is .8 degrees for heating and the thermostat is set at 70°F, the first stage will turn on at approximately 69.2°F. The second stage will turn on at 68.4°F. The second stage will turn off at 69.2°F and the first will turn off at 70.8°F. If third stage is used, it will turn on at 3x the swing and turn off at approximately 2x the swing.

| System<br>Switch  | Gas Auxiliary<br>for Heat Pump   | Stages<br>of Heat   | Cooling Fan<br>Delay   | Humidify   | Dehumidify   | Humidity<br>Calibration  |
|---|--|---|--|--|--|--|
| You can configure the system switch for the barticular application: Heat - Off - Cool, Heat - Off, Cool - Off, Note: EM. Heat will show if in heat pump mode. | This option will turn the heat pump off 45 seconds after the auxiliary heat relay turns on.  For 2 heat applications, the first stage will turn off 45 seconds after the auxiliary stage turns on.  For 3 heat applications, the first and second stage will turn off 45 seconds after the auxiliary stage turns on. | You can configure the thermostat to operate a 3 stage heat pump system.  2H = 2 heat, 2 cool 3H = 3 heat, 2 cool  | The cooling fan delay setting will delay the fan from coming on in cool mode and keep running after the compressor shuts off for a short time to save energy in some systems.  | This feature adds<br>humidity when<br><b>System</b> key is<br>in <b>Heat</b> .   | This feature removes humidity when <b>System</b> key is in <b>Cool</b> .   | This feature allows<br>the installer to<br>change the<br>callibration of the<br>ambient humidity<br>displayed. |
| LCD Will Show   |  |   |  |  |  |  |
| Prev Done  Cool Heat Off  | Prev Done  | Prev Done   | Prev Done  | Next HUMd III  | Next dHUM DFF  | Next HERL  |
| Adjustment Options  |  |   |  |  |  |  |
| Jse the + or -<br>key until the desired<br>application is flashing.   | For heat pump systems that are "dual fuel" (uses a gas furnace for auxiliary stage heat) you can turn this feature on to turn off the heat pump when the auxiliary stage of heating has been called for.   | Use the + or - key to change between 2 heat and 3 heat.  2 heat will use Y1 as first stage and W2 as auxiliary.  3 heat will use Y1 as first stage, Y2 as second stage and W2 as auxiliary. | You can select the Cooling Fan Delay from "Off", "15", "30", "60" or "90" seconds. If 15, 30, 60 or 90 is selected the fan will not turn on for that many seconds when there is a call for cool and will run for that many seconds after satisfying a call for cool. | Use the + or - key to turn on or off.  If ON is selected the humidity will be displayed on the main screen and HUM terminal will energize when humidity setpoint is above ambient humidity in Heat mode. | Use the + or - key to turn on or off.  If ON is selected the humidity will be displayed on the main screen and DHM terminal will energize when humidity setpoint is below ambient humidity in Cool mode. | Use the + or - key to adjust the calibration +/-3.   |
| Factory Default Settings  |  |   |  |  |  |  |
| leat - Off - Cool   | OFF  | 2 Stages  | OFF  | OFF  | OFF  | 0  |



| Over Cool<br>Limit   | HUM<br>Terminal  | DHM<br>Terminal   | Heating<br>Temperature<br>Setpoint Limit   | Cooling<br>Temperature<br>Setpoint Limit   | Dehumidity<br>Relay  |
|--|--|---|--|--|--|
| The amount of over cooling allowed when using A/C to remove humidity. This screen is only shown when ON is selected in the "Dehumidify with AC" tech setup step. | Options for how the<br>Hum terminal<br>energizes.  | Option for how the DHM terminal energizes.  | This feature allows you to set a maximum heat setpoint value. The setpoint temperature cannot be raised above this value.  | This feature allows you to set a minimum cool setpoint value. The setpoint temperature cannot be lowered below this value.   | This feature allows you to change the operation of Dehumidity Relay from Normally Open to Normally Closed. This will allow you to use it to change fan speed on some air handler boards.   |
|  |  |   |  |  |  |
| Prev Done  | Next<br>HTRM<br>Prev<br>Done   | Next dTHM Prev Done   | HELM 90  | COLM <b>'-{ '-{</b>  | ан в ПП  |
|  |  |   |  |  |  |
| Use the + or - key to select the maximum number of degrees of over cool.  Options are: 2, 3, 4, 5  | Use the + or - key to select one of the four options.  View the HUM Terminal chart below for an explanation of these options.  | Use the + or - key to select one of the four options.  View the DHM Terminal chart below for an explanation of these options.   | Use the + or - key to select the maximum heat setpoint.  | Use the + or - key to select the minmum cool setpoint.   | Use the + or - key to select NO or NC.  If NO is selected the D Terminal will be energized when there is a call for Dehumidity.  IF NC is selected the D Terminal will be energized when there is NOT a call for Dehumidity.   |
|  | The amount of over cooling allowed when using A/C to remove humidity. This screen is only shown when ON is selected in the "Dehumidify with AC" tech setup step.  Next OCOL 3  Prev Done  Use the + or - key to select the maximum number of degrees of over cool.  Options are: | The amount of over cooling allowed when using A/C to remove humidity. This screen is only shown when ON is selected in the "Dehumidify with AC" tech setup step.  Next OCOL 3 HTRM  Prev Done Prev Done  Use the + or - key to select the maximum number of degrees of over cool.  Options are: 2, 3, 4, 5  View the HUM Terminal chart below for an explanation of these | The amount of over cooling allowed when using A/C to remove humidity. This screen is only shown when ON is selected in the "Dehumidify with AC" tech setup step.  Next OCOL 3  Next HTRM Prev Done  Next OCOL 3  View the HUM Terminal chart below for an explanation of these | Limit  Terminal  Temperature Setpoint Limit  This feature allows you to set a maximum heat setpoint value. The setpoint temperature cannot be raised above this value.  The setpoint value  The setpoint value | Limit  Terminal  Terminal  Terminal  Terminal  Temperature Setpoint Limit  Terminal  Temperature Setpoint Limit  This feature allows you to set a maximum heat setpoint value. The setpoint temperature cannot be raised above this value.  This feature allows you to set a maximum heat setpoint value. The setpoint temperature cannot be raised above this value.  This feature allows you to set a maximum heat setpoint value. The setpoint temperature cannot be lowered below this value.  Temperature Setpoint Limit  Temperature Setpoint Limit  Temperature Setpoint Limit  Temperature Setpoint Limit  This feature allows you to set a maximum heat setpoint value. The setpoint temperature cannot be lowered below this value.  The setpoint temperature setpoint value. The setpoint temperature Setpoint Limit  This feature allows you to set a maximum heat setpoint value. The setpoint temperature setpoint value. The setpoint temperature allows you to set amaximum heat setpoint value. The setpoint temperature cannot be lowered below this value.  This feature allows you to set amaximum heat setpoint value. The setpoint temperature cannot be lowered below this value.  This feature allows you to set amaximum heat setpoint value. The setpoint temperature cannot be lowered below this value.  This feature allows you to set amaximum heat setpoint value. The setpoint temperature cannot be raised above this value.  The setpoint setpoint value. The setpoint value. The setpoint temperature cannot be lowered below the set of the setpoint value. The setpoint value. The setpoint v |

# **HUM Terminal**

NO

3

| OPTIONS | HUM terminal energizes when the ambient humidity is                                    |
|---------|--|
| 1       | below the humidity setpoint and heat or fan is energized.                              |
| 2       | below the humidity setpoint and heat is energized.                                     |
| 3       | below the humidity setpoint. It will also energize the fan during a call for humidity. |
| 4       | below the humidity setpoint.   |

# **DHM Terminal**

90

| OPTIONS | DHM terminal energizes when the ambient humidity is                                    |
|---------|--|
| 1       | above the humidity setpoint and cool or fan is energized.                              |
| 2       | above the humidity setpoint. It will also energize the fan during a call for humidity. |
| 3       | above the humidity setpoint.   |
| 4       | above the humidity setpoint and the compressor is not running.                         |

44

NO

# SETTING THE HUMIDITY

### **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.

Press **DONE** when completed

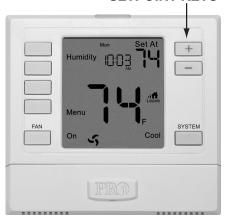
#### Note:

- The target humidity setpoint is not programmable. Unlike temperature, humidity does not change quickly and should not be programmed.
- Humidity is only energized during heat.
   Dehumidify is only energized during cool.
   Heat and Cool each have their own target setpoints.

#### **HUMIDITY KEY**



#### TARGET HUMIDITY SETPOINT KEYS



# **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 Energzied)** 



dON (de-humidify Energzied)

### **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<br>Temperature (0°F) | Recommended<br>Relative Humidity |
|------------------------------|----------------------------------|
| +20° and above               | 35% to 40%                       |
| +10°                         | 30%                              |
| 0°                           | 25%                              |
| -10°                         | 20%                              |
| -20°                         | 15%                              |

### **Recommended Cooling Settings:**

# **MOUNT THERMOSTAT & BATTERY INSTALLATION**

#### **Mount Thermostat**

Align the 4 tabs on the subbase with corresponding slots on the back of the thermostat, then push gently until the thermostat snaps in place.

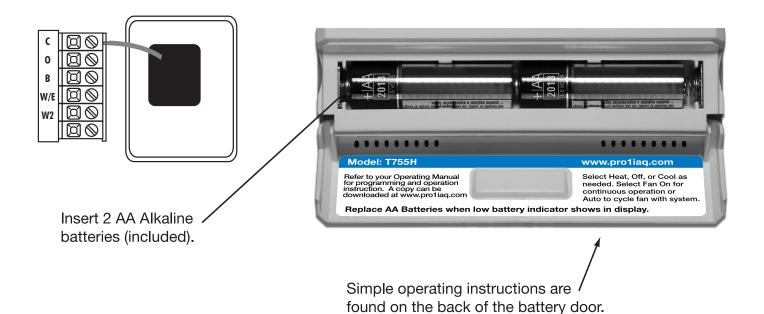
Note: To insure a solid fit between the thermostat and the subbase:

- 1. mount subbase to flat wall
- 2. use screws & anchors provided
- 3. drywall anchors should be flush with the wall
- 4. wires should be pushed into the wall



### **Battery Installation**

Battery installation is optional if thermostat is hardwired (C terminal connected).



# PROGRAMMING THE THERMOSTAT

#### **Set Time**

Follow the steps below to set the day of the week and 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 \_\_\_\_ 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

### **Programming**

All programmable Pro1 thermostats are shipped with an energy saving pre-program. You can customize this default program by following the Set Program Schedule.

Your thermostat can be programmed to have all the weekdays the same, a separate program for Saturday, and a separate program for Sunday. There are four time periods for each program (WAKE, LEAVE, RETURN, SLEEP).

|                    | Factory Default Program |         |                                |                                |
|--------------------|-------------------------|---------|--------------------------------|--------------------------------|
| Day of the<br>Week | Events                  | Time    | Setpoint<br>Temperature (Heat) | Setpoint<br>Temperature (Cool) |
| Weekday            | Wake 🕍                  | 6 a.m.  | 70° F (21° C)                  | 75° F (24° C)                  |
|                    | Leave 👬                 | 8 a.m.  | 62° F (17° C)                  | 83° F (28° C)                  |
|                    | Return in fi            | 6 p.m.  | 70° F (21° C)                  | 75° F (24° C)                  |
|                    | Sleep 🐪                 | 10 p.m. | 62° F (17° C)                  | 78° F (26° C)                  |
| Saturday           | Wake 🔏 👚                | 8 a.m.  | 70° F (21° C)                  | 75° F (24° C)                  |
|                    | Leave 4                 | 10 a.m. | 62° F (17° C)                  | 83° F (28° C)                  |
|                    | Return in the           | 6 p.m.  | 70° F (21° C)                  | 75° F (24° C)                  |
|                    | Sleep 👚                 | 11 p.m. | 62° F (17° C)                  | 78° F (26° C)                  |
| Sunday             | Wake 🕌                  | 8 a.m.  | 70° F (21° C)                  | 75° F (24° C)                  |
|                    | Leave 4                 | 10 a.m. | 62° F (17° C)                  | 83° F (28° C)                  |
|                    | Return in the           | 6 p.m.  | 70° F (21° C)                  | 75° F (24° C)                  |
|                    | Sleep 🕌                 | 11 p.m. | 62° F (17° C)                  | 78° F (26° C)                  |

# PROGRAMMING THE THERMOSTAT

You can use the table below to plan your customized program schedule if using 5+1+1.

|                    | Programming Table |      |                                |                                |
|--------------------|-------------------|------|--------------------------------|--------------------------------|
| Day of the<br>Week | Events            | Time | Setpoint<br>Temperature (Heat) | Setpoint<br>Temperature (Cool) |
| Weekday            | Wake 🕍            |      |                                |                                |
|                    | Leave diff        |      |                                |                                |
|                    | Return in         |      |                                |                                |
|                    | Sleep 👚           |      |                                |                                |
| Saturday           | Wake 🚜 🛣          |      |                                |                                |
|                    | Leave diff        |      |                                |                                |
|                    | Return in         |      |                                |                                |
|                    | Sleep 👚           |      |                                |                                |
| Sunday             | Wake 🔏 🔒          |      |                                |                                |
|                    | Leave 4           |      |                                |                                |
|                    | Return in         |      |                                |                                |
|                    | Sleep 🕌           |      |                                |                                |

| Set Program Schedule | • |
|----------------------|---|
|----------------------|---|

To customize your 5+1+1 program schedule, follow these steps Weekday:

- 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**
- Repeat steps 4 through 7 for weekday LEAVE time period, for weekday RETURN time period, and for weekday SLEEP time period.

#### Saturday:

 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:

 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.

# SPECIFICATIONS & CONTACT INFORMATION

# **Specifications**

| The display range of temperature  The control range of temperature | . 44°F to 90°F (7°C to 32°C)   |
|--|--|
| Display accuracy   | . 1 amp per terminal, 1.5 amp maximum all terminals combined . ± 1°F   |
| Swing (cycle rate or differential)                                 | . Heating is adjustable from 0.2°F to 2.0°F  |
| D  | Cooling is adjustable from 0.2°F to 2.0°F  |
| Power source   | . 18 to 30 VAC, NEC Class II, 50/60 Hz for hardwire (common wire) Battery power from 2 AA Alkaline batteries |
| Operating ambient  | . 32°F to +105°F (0° to +41°C)   |
| Operating humidity  Dimensions of thermostat                       | <u> </u>   |

#### **Contact Us**

#### **Pro1 IAQ Inc.**

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

**Toll-free:** 1-888-Pro1iaq (776-1427)

Toll Number (Outside the USA): 330-821-3600

Web: http://www.pro1iaq.com

Hours of Operation: Monday - Friday 9 AM - 6 PM Eastern