PRO1

Operation Manual

PRO1® T905

Pro1 Technologies

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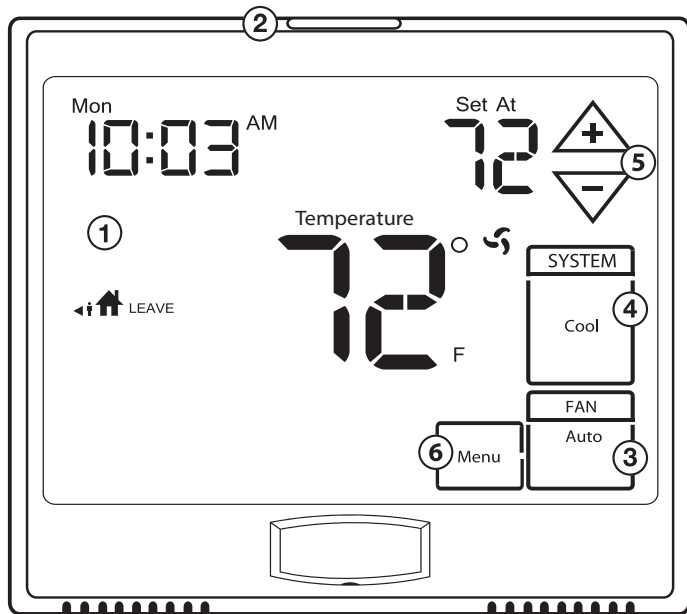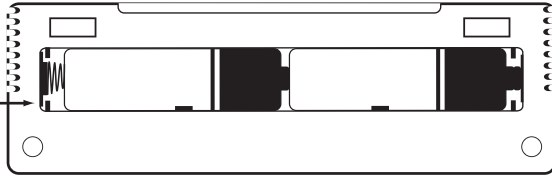Hours of Operation: M-F 9AM - 6PM Eastern

⚠ **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 compañia.

① LCD Display

See page 6 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 Key

Select **ON**, or **AUTO**. The **ON** key will run the fan continuously. The **AUTO** key will turn 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.

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.

⑤ Temperature Setpoint Keys

Press the ⟨+⟩ or ⟨−⟩ buttons to select the desired room temperature.

⑥ Menu Key

Use this button to set up your programming options. Refer to page 8 for instructions.

Battery Information

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

Pull the thermostat directly away from the wall to access the batteries. A firm tug will be required to remove the thermostat from the subbase mounted on the wall.
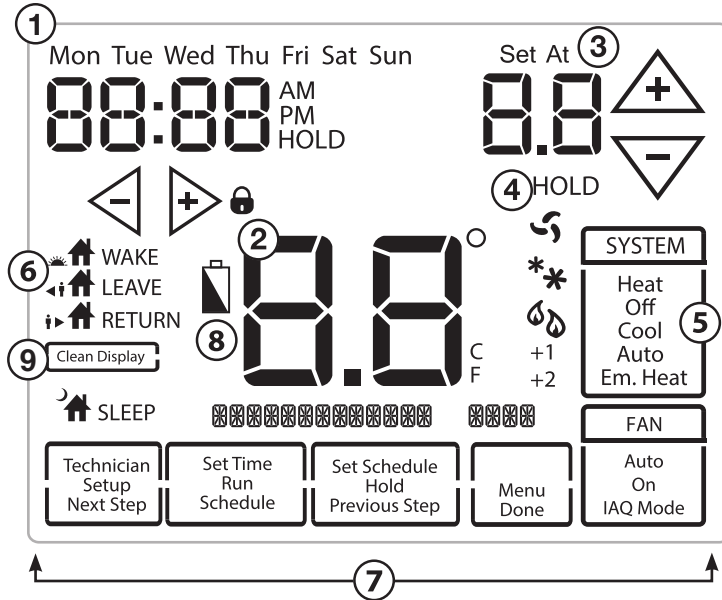
💡 **Important:**

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 setpoints will change to 55°F (Heating) and 85°F (Cooling). If the user adjusts the setpoint away from either of 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 batteries are changed.

⚠️ **Caution:**

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

(1) Days of the week and time

(2) Indicates the current room temperature

(3) Displays the user selectable setpoint temperature

(4) Hold is displayed when thermostat program is permanently overridden.

(5) **System Operation Indicators:** The compressor delay is active if these are flashing.

(6) **Programmable Time Periods:** Residential uses 4 time periods - **WAKE, RETURN, LEAVE** and **SLEEP**.

(7) **Program Menu Options:** Shows different options during programming.

(8) **Low Battery Indicator:** Replace batteries when this indicator is shown.

(9) **Clean Display:** Pressing **CLEAN DISPLAY** will allow 30 seconds to clean the display. The keys will be inoperable during this time. **CLEAN** will appear if your contractor has programmed filter change reminder. Press and hold **CLEAN** when filter has been replaced to reset the filter change reminder timer.

Set Time (If using programming)

Follow the steps below to set the day of the week and current time:

1. 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.

⚠️ **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.

Set 7 Day Program Schedule

**To customize your 7 day 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 the **MENU** button.
3. Press **SET SCHEDULE**. **Note:** Monday is displayed and the **WAKE** icon is shown. You are now programming the **WAKE** time period for that day.
4. Use the ⊲-⊳ or ⊲+⊳ key to make your time selection for that day's **WAKE** time period. **Note:** If you want the fan to run continuously during this time period, select **ON** with the **FAN** key.
5. Use the ⊲+⊳ or ⊲-⊳ key to make your setpoint selection for that day's **WAKE** period.

6. Press **Next Step.**

7. Repeat steps 4 through 6 for that day's **LEAVE** time period, **RETURN** time period, and **SLEEP** time period.

To finish your 7 day Program Schedule, repeat
steps 4 through 6 for the Tuesday, Wednesday, Thursday,
Friday, Saturday and Sunday time periods.

Set 5/1/1 Day Program Schedule

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

Weekday:

1. Select **HEAT** or **COOL** with the system key.
   You have to program heat and cool each separately.

2. Press the **MENU**

3. Press **SET SCHEDULE**. **Note:** Monday-Friday is displayed and the **WAKE** text is shown. You are now programming the **WAKE** time period for the weekday setting.

4. 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. Then use the △⟨+⟩ or ⟨-⟩▽ key to make your setpoint selection for the weekday **WAKE** period.

6. Press **Next Step.**

7. Repeat steps 4 through 6 for weekday **LEAVE** time period, **RETURN** time period, and for the **SLEEP** time period.

Saturday:

Repeat steps 4 through 6 for the Saturday **WAKE** time period, **LEAVE** time period, **RETURN** time period, and for the Saturday **SLEEP** time period.

Sunday:

Repeat steps 4 through 6 for the Sunday **WAKE** time period, **LEAVE** time period, **RETURN** time period, and for the Sunday **SLEEP** time period.

A Note About Auto Changeover:
When 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 setpoint. 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 during any time period when it is programmed to be on. This is the best way to keep the air circulated and to eliminate hot and cold spots in your building.

⚠️ **Keypad Lockout Note:**

If 🔒 appears in the 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. Use the same procedure to lock the display

Temporary & Permanent Hold Feature

Temporary Hold: The thermostat will display **Hold** and **Run Schedule** on the bottom of your screen when you press the ⊕ or ⊖ key. If you do nothing, the temperature will remain at this setpoint temporarily until the next program time period. After this, the program setpoint will then replace your temporary setpoint.

Permanent Hold: With a temporary hold set, if you press the **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.
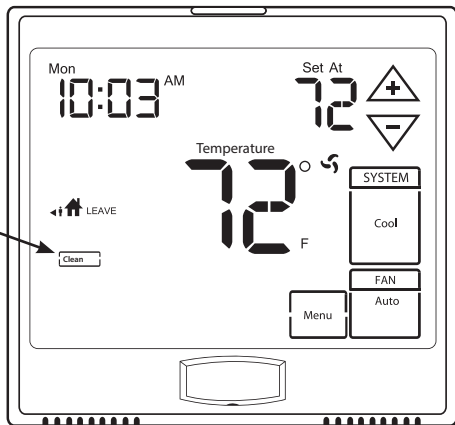
To Return To Program: Press the **Run Schedule** key at the bottom of your screen to exit temporary and permanent holds.

Filter Change & Other Reminders

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

Resetting The Filter Change Reminder: When the reminder is displayed, you should change your air filter and reset the reminder by holding down the **CLEAN** button of the thermostat for 3 seconds.

Hold down **CLEAN** for 3 seconds, to reset filter reminder.

Mon
10:03 AM
Set At
72

Temperature
72 °
LEAVE
Clean
F
SYSTEM
Cool
FAN
Auto
Menu

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 the 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: _____

Address: _____

_____

City: _____

State: _____

Zip: _____

Thermostat Model: _____

Date Installed: _____

Complete form and mail to:

Thermostat Warranty Registration

1111 S. Glenstone
Suite 3 -100
Springfield, MO 65804

**Cut Out For
Warranty Registration**

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