

**PRO**  
Operation Manual

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Operation Manual



# T621-2

## Pro1 Technologies

P.O. Box 3377

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

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

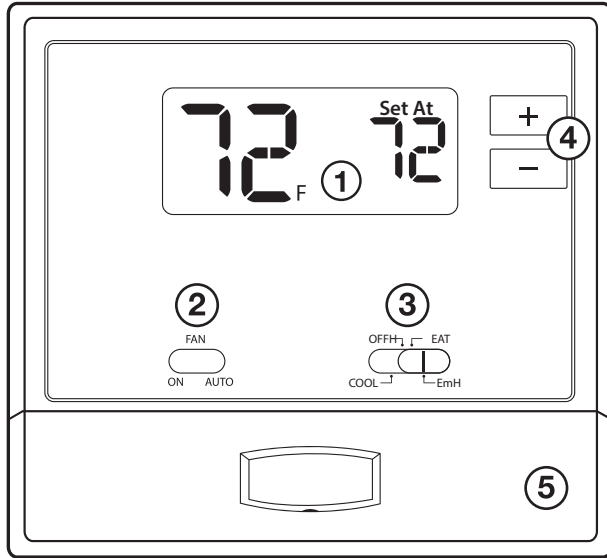
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Una version en español de este manual se puede descargar en la pagina web de la compañía.



### 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.



- ① LCD
- ② Fan Switch
- ③ System Switch

- ④ Temperature Setpoint Buttons
- ⑤ Easy change battery door

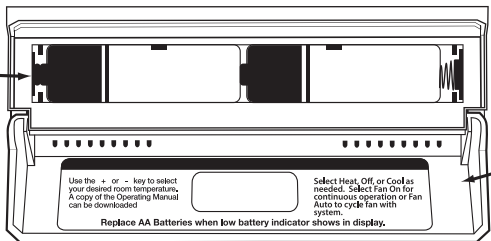
- ① **LCD Display**  
See page 6 for details about this display read out.
- ② **Fan Switch**  
Select **ON** or **AUTO**. **ON** will run the fan continuously. **AUTO** will turn the fan on only when the heating or cooling system is on.

**Note:** The compressor delay is active if "ON" is flashing. The compressor will not turn on until the 5 minute delay has elapsed.

- ③ **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. Selecting **EmH** locks out your compressor and turns on the secondary heat mode.
- ④ **Temperature Setpoint Buttons**  
Press the + or - buttons to select the desired room temperature.
- ⑤ Easy change battery door

## Battery Installation

Insert 2 AA Alkaline batteries (included). High quality alkaline batteries are recommended.



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

## 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 +1 in the display.



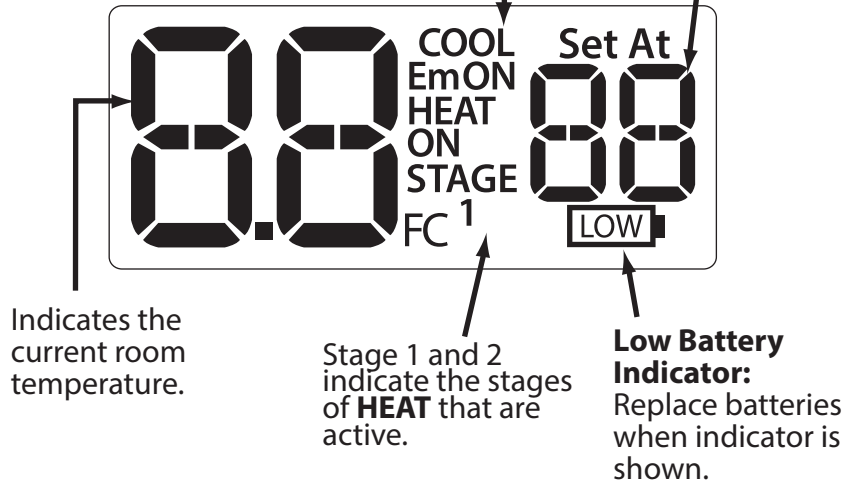
### Important:

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.

## System Operation Indicators:

**ON** will display when the **COOL**, **HEAT** or **Emergency Heat** is on.

**NOTE:** The compressor delay feature is active if **ON** is flashing. The compressor will not turn on until the 5 minute delay has elapsed.



Indicates the current room temperature.

Stage 1 and 2 indicate the stages of **HEAT** that are active.

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

Displays the selected setpoint temperature.

## 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

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**Cut Out For  
Warranty Registration**



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