



**T32-VNP Atlas Vertical
Non-programmable Thermostat**



User Manual



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INTRODUCTION

Your new T32-VNP Atlas is a feature-rich thermostat that has been manufactured using the highest quality components and design currently available. When properly installed and configured by a professional heating and air conditioning contractor, the T32-VNP Atlas will provide years of dependable operation.

The T32-VNP Atlas has been designed to be an attractive, highly reliable and easy-to-use thermostat. By taking time to read and understand this User Manual, you can take advantage of the many features offered in this premium product.

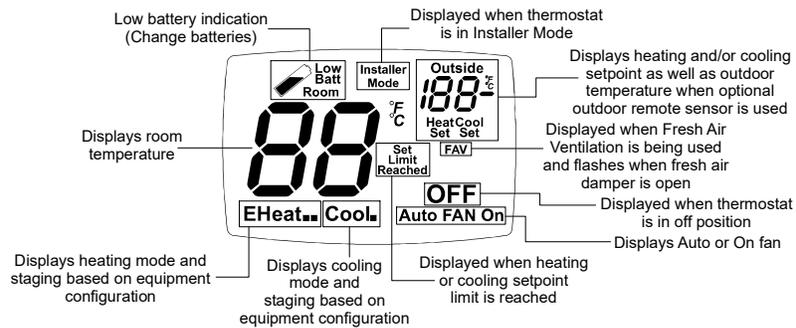
Although great care has been taken in the preparation of this manual, iO HVAC Controls takes no responsibility for errors or omissions contained herein. It is the responsibility of the installer to ensure that this thermostat and the equipment connected to it operate in a safe and efficient manner.

Due to ongoing product improvements, iO HVAC Controls reserves the right to change the specifications of the T32-VNP Atlas thermostat or its components without notice.

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THERMOSTAT DISPLAY

To simplify use, the T32-VNP only displays information relevant to the current mode of operation. When adjustments are required, the thermostat will display additional information or functional icons. Based on the thermostat configuration, some information and icons may not be displayed. The illustration below shows all the LCD segments and icons along with abbreviated definitions.



BASIC FUNCTIONS

When in standard operating mode, the thermostat has four buttons that are used for all basic functions.

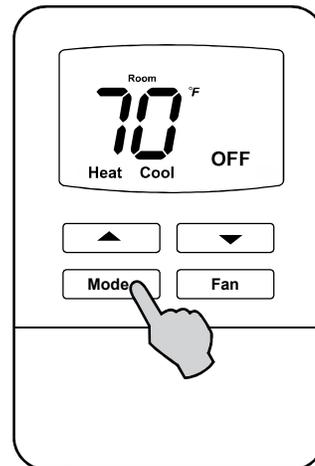
MODE CONFIGURATIONS

Your contractor can configure the thermostat with different mode selections based on your preference and the type of HVAC equipment.

By pressing the **Mode** button, you have the following choices:

MODES FOR CONVENTIONAL HEATING AND COOLING EQUIPMENT (GAS/ELECTRIC)

- Manual Changeover** (Heat or Cool and OFF)
- Auto Changeover** (Heat or Cool, Heat and Cool or OFF)
- Heat Only** (Heat or OFF)
- Cool Only** (Cool or OFF)

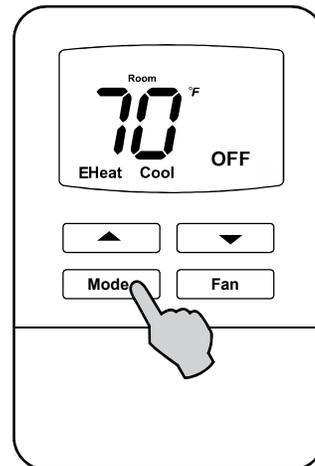


BASIC FUNCTIONS

MODES FOR HEAT PUMP AND DUAL FUEL EQUIPMENT

Manual Changeover	(Heat or Cool, *EHeat or OFF)
Auto Changeover	(Heat or Cool, Heat and Cool, *Eheat or OFF)
Heat Only	(Heat, *Eheat or OFF)
Cool Only	(Cool or OFF)

* When the thermostat is placed in the **EHeat** (Emergency Heat) mode, only the auxiliary heat source is used and the heat pump is locked out.



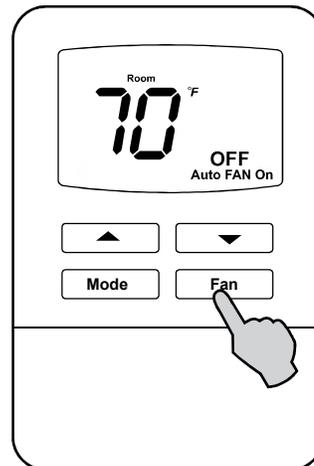
BASIC FUNCTIONS

FAN SELECTION

Press the **Fan** button to select **Auto** (Automatic) or **On** (Continuous) fan mode.

In **Auto** mode, the fan operates with a heating or cooling call.

If set to **On**, the fan will run continuously. If the thermostat is turned **OFF** while the fan is set to **On**, the fan will continue to run until it is placed in the **Auto** mode.



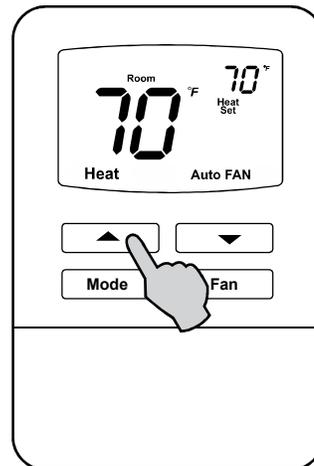
BASIC FUNCTIONS

CHANGING THE HEAT OR COOL SET TEMPERATURE

Manual Heat/Cool Mode

In manual changeover mode, only the **Heat** or **Cool** temperature setting will be displayed in the upper right hand corner of the display along with the room temperature. To change the setting, press either the UP or DOWN button. The displayed room temperature will be replaced by the set temperature which then can be increased or decreased by pressing the UP or DOWN button. Once the setting is changed, the thermostat will once again display the room temperature and set temperature.

The example on the right shows the thermostat in the **Heat** mode.



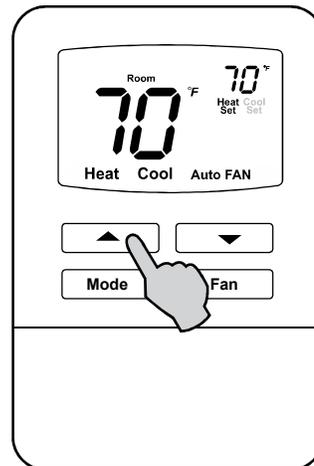
BASIC FUNCTIONS

CHANGING THE HEAT OR COOL SET TEMPERATURE

Auto Mode

In auto changeover mode, the **Heat** and **Cool** temperature settings alternate on the screen about every three seconds.

To change the **Heat** or **Cool** setting, press the UP or DOWN button. The displayed room temperature will be replaced by the current **Heat Set** temperature and then the **Cool Set** temperature. When the Heat Set or Cool Set temperature is displayed, press the UP or DOWN arrow to change the setting. Once the change has been made the thermostat will revert back to displaying the room temperature and **Heat** and **Cool** temperature settings will again alternate on the screen.



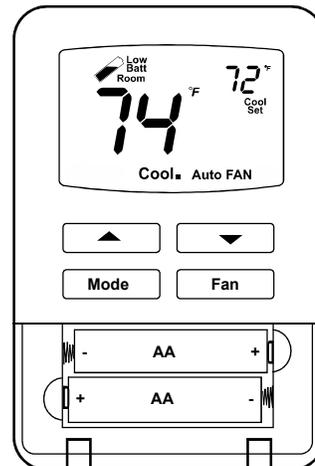
OTHER OPTIONS AND FEATURES

COMPRESSOR TIME DELAY

Your thermostat has a built in 4-minute time delay to prevent the air conditioner or heat pump from short cycling. When the short cycle timer is active and the thermostat is calling, the symbol next to **Cool** will blink on the display until the time delay has expired. If the thermostat has been configured for heat pump or dual fuel operation and it call for compressor heating, the symbol next to **Heat** will blink on the display until the time delay has expired.

LOW BATTERY INDICATION

Your thermostat can be wired using battery power or both battery power and 24 volts from the HVAC equipment. If the **Low Batt** symbol appears on the display, it's time to replace the batteries. The battery access compartment is located on the front of the thermostat. Simply swing the hinged door down. Install the two AA batteries matching the + and - orientation. Close the door until it clicks shut.



OTHER OPTIONS AND FEATURES

FRESH AIR VENTILATION

Your thermostat may have been setup to provide Fresh Air Ventilation. Fresh Air Ventilation is designed to improve residential indoor air quality by introducing fresh, outside air through a 2-wire, power open / spring closed motorized intake damper controlled by the thermostat. The thermostat automatically controls the amount of fresh air required each hour based on ASHRAE 62.2 - 2013 Ventilation and Indoor Air Quality Standard. When Fresh Air Ventilation has been activated **FAV** will be displayed on the screen. When the fresh air damper is open **FAV** will blink.

OUTSIDE TEMPERATURE DISPLAY

If the thermostat has been fitted with an outside air sensor it will be displayed on the screen and alternate with the **Heat Set** and/or **Cool Set** settings. The outdoor temperature will display the word **Outside**.

