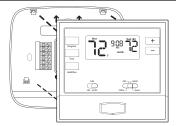
Installation Manual		Installation Tips (For professional te	chnicians only)
VIVE TP-	P-625	Wall Locations The thermostat should be installed a floor. Select an area with average ter	pproximately 4 to 5 feet above the nperature and good air circulation.
P.O. Box 3377 Springfield, MO 65808-3377 Toll Free : 888-776-1427 Web: www.vivecomfort.com Hours of Operation: M-F 9AM - 6PM Eastern	VM-625-IM-2422	NO NO YES	 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
Heat Pump (No Aux. or Emergency Heat) Yes Heat Pump (With Aux. or Emergency Heat) Yes Multi-Stage Systems Yes Heat Only Systems Yes Heat Only Systems - Floor or Wall Furnace Yes Cool Only Systems Yes Millivolt Conventional Systems Yes Multi-Stape Systems Yes Heat Only Systems Yes Cool Only Systems Yes Millivolt Conventional Systems Yes Two Transformer Systems No	mon Wire) with xperienced nust install this I these You could damage or cause a ndition if you fail to	Installation Tip Pick an installation location that is easy for the user to access. The temperature of the location should be representative of the building. Subbase Installation	
Wiring 6 manual sep	en español de este juede descargar en eb de la compañia.	 Horizontal Mount Vertical Mount Image: A state of the st	Failure to disconnect the power before beginning to install this product can cause electrical shock or equipment damage.
Specifications The display range of temperature 41°F to 95°F (5°C to 35°C) The control range of temperature 44°F to 90°F (7°C to 32°C) Swing (cycle rate or differential) Heating is adjustable from 0 Cooling is adjustable from 0 Power source),2° to 2.0° 0/60 Hz Ikaline	Tor vertical mount put one screw on the top and one screw on the bottom. For horizontal mount put one screw on the	Mercury Notice All of our 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.
Copyright © 2024 All Rights Reserved.	Rev. 2422	left and one screw on the right. Thermostat Quick Reference	

Installation Tips (For professional technicians only)

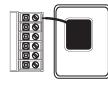
Mount Thermostat

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.



Battery Installation

Battery installation is recommended even if thermostat is hardwired (C terminal connected). When thermostat is hardwired and batteries are installed, the thermostat will activate a compressor delay of 5 minutes when the thermostat detects a power outage from the hardwired power supply.



Important:

your desired room temperature. A copy of the Operating Manual can be downloaded

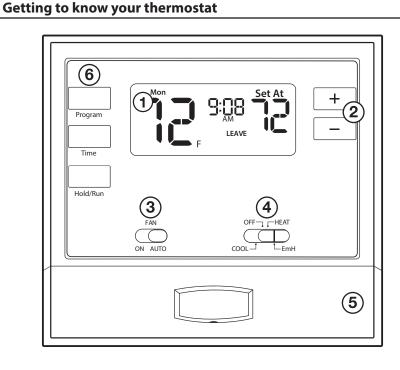
High quality alkaline batteries are recommended. Rechargeable batteries or low quality batteries do not guarantee a 1-year life span.

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



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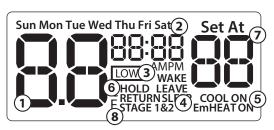
Simple operating instructions are found on the back of the battery door door.



- **1** LCD Display
- (2) Temperature Setpoint Buttons
- (3) Fan Switch
- (4) System Switch
- (5) Easy change battery door
- (6) User Buttons

Thermostat Quick Reference

Getting to know your thermostat



1 Indicates the current room temperature

- (2) Time and day of the week
- (3) Low Battery Indicator: Replace batteries when this indicator is shown.
- (4) **Program Time Periods:** This thermostat has 4 programmable time periods per day.
- 5 System Operation Indicators: The COOL ON, HEAT ON will display when COOL or HEAT is on.

Note: The Compressor delay feature is active if these are flashing.

- (6) Hold is displayed when the thermostat program is permanently overridden.
- **7** Setpoint: Displays the user selectable setpoint temperature.
- 8 Stages: Indicates the stages of heat that are active.

Important

(5)

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 ftor 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 continue to perform this low battery flashing, temperature offset condition until the internal voltage threshold is reached, all relays will be opened and the thermostat internal voltage threshold is reached.

Wiring (For professional technicians only)

Caution: Electrical Hazard

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

Wiring

- 1. 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.
- Place nonflammable insulation into wall opening to prevent drafts.

Terminal Designations



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

Installation Tip

Do not overtighten terminal block screws, as this can damage the terminal block. A damaged terminal block can keep the thermostat from fitting on the subbase correctly or cause system operation issues.

Max Torque = 6in-lbs.

	Heat Pump System	Conventional System	
R	Transformer Power	Transformer Power	
С	Transformer Common Transformer Common		
В	Changeover Valve Energized in HEAT	Energized in HEAT	
0	Changeover Valve Energized in COOL	Energized in COOL	
G	Fan Relay	Fan Relay	
W/E	First Stage of Emergency HEAT	First Stage of HEAT	
W2	Second Stage of HEAT/ EMERGENCY HEAT	Second Stage of HEAT	
Y	First Stage of HEAT and COOL	IEAT and COOL First Stage of COOL	

Technician Setup (For professional technicians only)

	Tech Setti	ngs	LCD Will Show	Default	
	F or C	Select F for Fahenheit temperature read out or select C for Celsius read out.	FE	F for Fahrenheit C for Celsius	F
	Dual Fuel Auxiliary for Heat Pump Will only appear if Heat pump setting is turned ON.	For Dual Fuel applications (Gas/ Fossil fuel Auxiliary Heat), turn this setting ON to LOCKOUT the Heat Pump (Y) when Auxiliary Heat (W2) is on. If desired- This can also be used with Electric Auxiliary.	RG	OFF Will allow Y(1st stage of Heat) and W2 (Aux Heat) to run together if called for. ON Will de-energize Y terminal 45 seconds after a call for Auxiliary Heat (W2).	OFF
	Cooling Swing	The swing setting often called "cycle rate", "differential" or " anticipation" is adjustable. A smaller swing setting will cause more frequent cycles and a larger swing setting will cause fewer cycles.	co 0.8	The cooling swing setting is adjustable from 0.2° to 2°. For example: A swing setting of 0.5° will turn the cooling on at approximately 0.5° above the setpoint and turn the cooling off at approximately 0.5° below the setpoint.	0.8
	Heating Swing	The swing setting often called "cycle rate", "differential" or "anticipation" is adjustable. A smaller swing setting will cause more frequent cycles and a larger swing setting will cause fewer cycles.	не 0.8	The heating swing setting is adjustable from 0.2° to 2°. For example: A swing setting of 0.5° will turn the heating on at approximately 0.5° below the setpoint and turn the heating off at approximately 0.5° above the setpoint.	0.8
	Cooling Setpoint Limit	This feature allows you to set a minimum cool setpoint value. The setpoint temperature cannot be lowered below this value.		Use the 主 and 🖃 key to select the minimum cool setpoint.	44
_	Heating Setpoint Limit	This feature allows you to set a maximum heat setpoint value. The setpoint temperature cannot be raised above this value.	90 	Use the 主 and 🖃 key to select the maximum heat setpoint.	90

Technician Setup (For professional technicians only)

Technician Setup Menu

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

The Technician Setup Menu

- 1. To enter all other steps press and hold + and buttons together for 3 seconds. This 3 second delay is designed so that homeowners do not accidentally access the installer settings.
- 2. Use + and = buttons to set.
- 3. Press the Program button to advance to the next step.
- 4. Press the time button to go back to the previous stop.
- 5. Press the Hold/Run button to exit.

Swing Setting Tip

Temperature swing, sometimes called differential or cycle rate, can be customized for this individual application. For most applications choose a swing setting that is as long as possible without making the occupants uncomfortable.

Tech Setting	gs	LCD Will Show	Adjustment Options	Default
Room Temperature Calibration	This feature allows the installer to change the calibration of the room temperature display. For example, if the thermostat reads 70° degrees and you would like it to read 72° then select +2.	CAL	You can adjust the room temperature display to read 4° above or below the factory calibrated reading.	0
Compressor Short Cycle Delay	The compressor short cycle delay protects the compressor from short cycling. This feature will not allow the compressor to be turned on for 5 minutes after it was last turned off.	63 ПП	Selecting "ON" will not allow the compressor to be turned on for 5 minutes after the last time the compressor was switched off. Select "OFF" to remove this delay.	ON

Swing Setting Tip

Temperature swing, sometimes called differential or cycle rate, can be customized for this individual application. For most applications choose a swing setting that is as long as possible without making the occupants uncomfortable.

6

Wiring Diagrams (For professional technicians only)

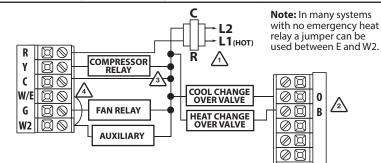
Power supply

Use either O or B terminals for changeover valve.

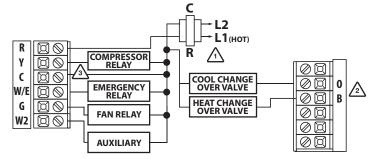
Optional 24 VAC common connection when thermostat is used in battery power mode.

4 Factory-supplied jumper

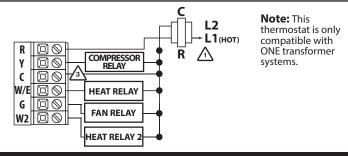
2H/1C Heat Pump System - Factory Default Setting



Typical 2H/1C Heat Pump System with separate emergency heat



Conventional System 1H/1C, 2H/1C (Heat pump set to "OFF" in tech settings)

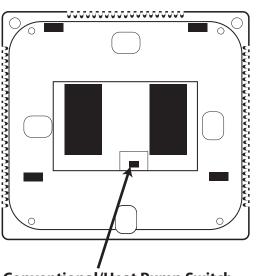


Technician Setup (For professional technicians only) LCD Will Show Default Tech Settings **Adjustment Options** This feature will start heating Use the 🛨 or 🖃 key to 939 early to bring the building turn on or off. Morning temperature to its programmed setpoint by the beginning of the ON Recovery WAKE, OCCUPIED time period. You can configure this Use the 🛨 and 🖃 key to 58 select 7d for 7 Day or 5d for thermostat to have 7 Day or Program 5+1+1 programmable. 5+1+1 programming. 5d

Conventional & Heat Pump

7

Options



Conventional/Heat Pump Switch

The switch converts the thermostat between conventional and heat pump operation.

Heat Pump: Configures the thermostat for heat pump operations.

Conventional: Configures the thermostat for conventional operations.

Features & Private Label Badge

Temporary and Permanent Hold Feature (If using programming)

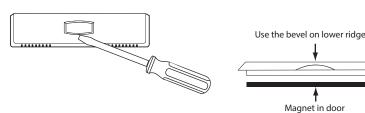
Temporary Hold: If you press the **+** or **-** at this time until the next scheduling period starts. The temperature will remain at this setpoint temporarily until next time period.

Permanent Hold: If you press the HOLD button on the left of your screen, you will see **HOLD** appear to the right of the ambient temperature in the display. The thermostat will now permanently stay at this setpoint and can be adjusted using the + or - keys.

To Return to Running Schedule: Press the RUN button on the left of your screen to exit either temporary or permanent hold.

About The Badge

All of our thermostats use the same universal magnetic badge. Visit the company website to learn more about our free private label program.



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 in the well of the battery door. The badge should pry off easily. DO NOT USE FORCE.

Programming Set Time

1. Press TIME

╋ **2.** Day of the week will be flashing. Use the to select the current day of the week.

3. Press PROGRAM

t 4. The current hour is flashing. Use the l kev to or select the current hour. Make sure the correct a.m. or p.m. choice is selected.

5. Press PROGRAM

- 6. Minutes are now flashing. Use the + or + key to select current minutes.
- 8. Press the **TIME** button in order to go back a step.
- 7. Press HOLD/RUN when completed.

8

Programming

Programming

All of our programmable thermostats are shipped with an energy saving pre-program. You can customize this default program by following the steps on page 14.

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

Factory Default Program					
Day of the Week	Events	Time	Setpoint Temperature (HEAT)	Setpoint Temperature (COOL)	
	Wake	6 AM	70°F (21°C)	75°F (24°C)	
Weekday	Leave	8 AM	62°F (17°C)	83°F (28°C)	
Weekday	Return	6 PM	70°F (21°C)	75°F (24°C)	
	Sleep	10 PM	62°F (17°C)	78°F (26°C)	
Saturday	Wake	6 AM	70°F (21°C)	75°F (24°C)	
	Leave	8 AM	62°F (17°C)	83°F (28°C)	
	Return	6 PM	70°F (21°C)	75°F (24°C)	
	Sleep	10 PM	62°F (17°C)	78°F (26°C)	
	Wake	6 AM	70°F (21°C)	75°F (24°C)	
Sunday	Leave	8 AM	62°F (17°C)	83°F (28°C)	
	Return	6 PM	70°F (21°C)	75°F (24°C)	
	Sleep	10 PM	62°F (17°C)	78°F (26°C)	

Programming

You can use the table below to plan your customized program schedule.

	Custom Program					
Day of the Week	Events	Time	Setpoint Temperature (HEAT)	Setpoint Temperature (COOL)		
	Wake					
Weekday	Leave					
Weekudy	Return					
	Sleep					
	Wake					
Saturday	Leave					
Saturday	Return					
	Sleep					
	Wake					
Sunday	Leave					
Sunday	Return					
	Sleep					

B

Programming

Set Program Schedule

To customize your program schedule, follow these steps Weekday:

1. Select **HEAT** or **COOL** with the system switch. **Note:** You have to program heat and cool each seperately.

2. Press PROGRAM

3. Monday-Friday is displayed and **WAKE** 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.

5. Press PROGRAM

6. The setpoint temperature is flashing. Use the + or - key to make your setpoint selection for the weekday wake period.

7. Press PROGRAM

 Repeat steps 4 thru 7 for weekday LEAVE time period, for weekday RETURN time period, and for weekday SLEEP time period.

Saturday:

Repeat steps 4 thru 7 for the Saturday **WAKE** time period, **LEAVE** time period, **RETURN** time period, and for the Saturday **SLEEP** time period.

Sunday:

Repeat steps 4 thru 7 for the Sunday **WAKE** time period, **LEAVE** time period, **RETURN** time period, and for the Sunday **SLEEP** time period.

If using 7-Day Programming use previous steps for every individual day.

Warranty Information

Warranty Information

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 date of manufacture. For warranty issues please contact the HVAC professional that installed this product. Please register your new thermostat online.

Please Register Your Thermostat Here

www.vivecomfort.com/warranty

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