

I'm not a robot



you struggling to use your Luxpro thermostat? You're not alone. Many people find it confusing at first. Luxpro thermostats are known for their efficiency and ease of use. They help manage your home's temperature, saving energy and money. But to get the most out of your thermostat, you need to understand how it works. This guide will walk you through the basics. You'll learn how to set up and program your Luxpro thermostat. We'll also cover some common troubleshooting tips. By the end, you'll feel confident using your Luxpro thermostat. So, let's dive in and make your home more comfortable! Credit: thermostat.guide

Setting up a Luxpro thermostat is straightforward. Begin by unboxing the device and following the setup instructions. Let's dive into the details to get your Luxpro thermostat up and running efficiently. Package Contents: Upon opening the Luxpro thermostat box, you will find: Luxpro thermostat unit Wall plate Screws and anchors Installation manual Wire labels Battery/Initial Setup Instructions Follow these steps to complete the initial setup: Turn off the power to your HVAC system at the breaker panel. Remove the old thermostat from the wall. Mark the wires with the provided wire labels. Attach the wall plate using the screws and anchors. Connect the wires to the corresponding terminals on the new thermostat. Install the battery into the thermostat. Mount the thermostat onto the wall plate. Turn the power back on at the breaker panel. Follow the on-screen prompts to complete the setup. Once the thermostat is installed, you can begin programming it. Follow the steps to install your thermostat. Ensure you have all necessary tools before starting: Tools Needed: Screwdriver/Drill (if required) Wire Stripper/Level Thermostat Manual Step-by-step Installation Step 1: Turn off power to your HVAC system. Find the circuit breaker and switch it off. Step 2: Remove the old thermostat. Use a screwdriver to take it off the wall. Note the wires' positions and labels. Step 3: Prepare the wires. Strip the wire ends if needed. Follow the manual for wire instructions. Step 4: Mount the new thermostat. Use a level to ensure it is straight. Secure it with screws. Step 5: Connect the wires. Match each wire to the labeled terminals on the thermostat. Refer to the manual for guidance. Step 6: Attach the thermostat cover. Snap it onto the base securely. Step 7: Restore power. Go back to the circuit breaker and turn it on. Step 8: Test the thermostat. Ensure it turns on and operates correctly. Follow these steps, and your Luxpro thermostat will be installed and ready. Enjoy a comfortable and well-regulated home environment. Programming your Luxpro thermostat helps you maintain a comfortable home. It also saves energy. This guide will walk you through the process. We'll cover setting the date and time and creating a schedule. Setting The Date And Time First, press the "Menu" button on the thermostat. Then, use the arrow buttons to navigate to the "Set Date/Time" option. Press "Select" to enter this menu. Adjust the year, month, and day using the arrow buttons. Press "Next" to move to the next field. Set the time in the same way. Use the arrows to change the hour and minute. Make sure to choose AM or PM correctly. Once finished, press "Done" to save the settings. Now your thermostat knows the current date and time. Creating A Schedule Next, you will create a schedule. This helps in maintaining desired temperatures at different times of the day. Go to the "Menu" and select "Set Schedule." You will see options for weekdays and weekends. Select the one you want to start with. For each day, you can set multiple time periods. These are called "setpoints." You can set different temperatures for different times of the day. For example, you can set a lower temperature during the day and a higher temperature at night. Follow the on-screen prompts to create your schedule. It will adjust the temperature automatically. Learning the basic features of your Luxpro thermostat can make it easier to manage your home's temperature. This guide will help you understand how to adjust the temperature and switch between different modes. Adjusting Temperature To adjust the temperature on your Luxpro thermostat, press the up or down arrow button to select your desired temperature. Watch the display to see the current temperature setting. Release the button once you reach your preferred setting. It is that simple. This feature helps you maintain a comfortable environment. Switching Between Modes The Luxpro thermostat allows you to switch between different modes. These modes include heat, cool, and off. Here's how you can switch between them: Locate the mode switch on your thermostat. Move the switch to your desired mode: heat for warming, cool for cooling, or off to turn off the system. Switching modes is quick and helps you adapt to changing weather conditions. Understanding these basic features can make your Luxpro thermostat more useful and efficient. The Luxpro thermostat offers advanced settings to optimize your home's comfort and energy use. Understanding these features can help you make the most of your thermostat. Let's explore some key advanced settings. Energy Saving Options Adjust the thermostat's energy saving settings to reduce power consumption. Use the scheduling feature to set temperatures based on your routine. Lower the temperature when you're not home. This saves energy and reduces your bill. Also, take advantage of the programmable features. Set different temperatures for weekdays and weekends. Customize settings based on your lifestyle. This ensures comfort while saving energy. Locking The Thermostat Use the lock feature to prevent others from changing settings. This is useful if you have children or guests. To lock the thermostat, access the settings menu. Select the lock option and set a PIN. The thermostat will now require a PIN for changes. Locking the thermostat prevents unauthorized changes to your settings. Error Codes and Troubleshooting Luxpro thermostats may display different error codes. Each code indicates a specific issue. Here's a quick guide to some common error codes: Error Code Meaning Solution E1 Sensor failure Check the sensor connection E2 Low battery Replace the batteries E3 System malfunction Contact support Error codes help identify the problem quickly. Take note of the code before taking action. Resetting The Thermostat Resetting your thermostat can solve many issues. Follow these steps: Turn off the thermostat. Remove the thermostat from the wall plate. Wait for 10 seconds. Reattach the thermostat to the wall plate. Turn the thermostat back on. Resetting can clear minor errors. Ensure you follow each step carefully. If the problem persists, consult the user manual. You can also contact Luxpro customer support for further help. Maintaining your Luxpro thermostat ensures it works efficiently. Regular care can extend its lifespan. Let's explore some key maintenance tips to keep your thermostat in top shape. Cleaning The Thermostat Dirt and dust can affect your thermostat's performance. Cleaning it regularly is important. Use a soft, dry cloth to wipe the exterior. Avoid using water or cleaning sprays. These can damage the internal components. Pay attention to the screen and buttons. Dust can settle in small crevices. A gentle brush can help remove the dust. Ensure the thermostat is off before cleaning. This prevents accidental settings changes. Replacing Batteries Batteries power the thermostat's functions. Low batteries can cause it to malfunction. Check the battery level every few months. Replace the batteries if the screen is dim or unresponsive. To replace the batteries, remove the thermostat from the wall. Open the battery compartment and take out the old batteries. Insert new batteries, ensuring the correct polarity. Reattach the thermostat to the wall and check if it turns on. Regular maintenance keeps your Luxpro thermostat running smoothly. Cleaning and battery checks are simple tasks. They ensure the thermostat works properly. Troubleshooting Common Issues If you encounter problems, there are several steps you can take to resolve them. First, check the power. Ensure the thermostat is receiving power from the HVAC system. If the screen is blank, check the circuit breaker. If the thermostat is not responding, try resetting it. Consult the user manual for more detailed troubleshooting steps. If the problem persists, contact Luxpro customer support. They can provide further assistance. Regular maintenance ensures optimal performance. Enjoy a comfortable home environment year-round. Want to give your brand videos a cinematic edge? Join our visual experts and special guests for an info-packed hour of insights to elevate your next video project. Tune in on June 24 at 11am ET. Register Now Enjoy sharper detail, more accurate color, lifelike lighting, believable backgrounds, and more with our new model update. Your generated images will be more polished than ever. See What's New Explore how consumers want to see climate stories told today, and what that means for your visuals. Download Our Latest VisualGPS Report Want to give your brand videos a cinematic edge? Join our visual experts and special guests for an info-packed hour of insights to elevate your next video project. Tune in on June 24 at 11am ET. 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New thermostats are mostly programmable and include an internal clock that allows this setback feature to be easily incorporated. It has been reported that many thermostats in office buildings are non-functional dummy devices, installed to give tenants' employees an illusion of control.[22][23] These dummy thermostats are in effect a type of placebo button. However, these thermostats are often used to detect the temperature in the zone, even though their controls are disabled. This action is often referred to as "lockout" [24] Smart thermostat (and Wi-Fi thermostat) Automatic control On-off control OpenTherm ^ Energy Information Administration. Residential energy consumption survey, U.S. Dept. Energy, Washington, DC, Tech. Rep., 2001. ^ Homod, Raad Z.; Gaeid, Khalaf S.; Dawood, Suror M.; Hatami, Alireza; Sahari, Khairul S. (August 2020). "Evaluation of energy-saving potential for optimal time response of HVAC control system in smart buildings". *Applied Energy*. 271: 115255. 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It's simple once you know how.In this guide, you'll learn to use a Luxpro thermostat efficiently. We'll cover the basics, from turning it on to setting the perfect temperature. Whether you're new to thermostats or just new to this brand, understanding its features can improve your comfort.With the right settings, you can save money on energy bills all keep your home cozy. Let's dive in and make your Luxpro thermostat easy to use.Credit: pro.luxproducts.comReady to make your home comfortable with a Luxpro thermostat? Let's dive in and get started. This guide will help you unbox your thermostat and understand its basic components.Unboxing The Luxpro ThermostatFirst, remove your Luxpro thermostat from its packaging. Ensure all parts are present. Here's a quick list of what you should find:Thermostat unitWall plateScrewsBatteriesUser manualHaving all these components will make the setup process smooth.Basic Components OverviewLet's take a look at the basic components of the Luxpro thermostat. Understanding these parts will help you use the device effectively.ComponentDescriptionThermostat UnitThe main device that controls your HVAC system.Wall PlateA plate that mounts the thermostat on the wall.ScrewsUsed to secure the wall plate and thermostat.BatteriesProvide power to the thermostat.User ManualInstructions for installation and use.With these components, you are ready to install and use your Luxpro thermostat.Setting up your Luxpro Thermostat is easy. Follow this step-by-step guide to ensure a smooth installation process. Make sure to gather all necessary tools before starting. This guide will walk you through the essential steps, making it simple and stress-free.Tools NeededBefore you start, gather these tools: a screwdriver, a drill with bits, a level, and a pencil. Having the right tools makes the job easier. Make sure your tools are in good condition.Mounting The ThermostatFirst, turn off the power to your HVAC system. This ensures safety. Remove the old thermostat, if present. Use the level to mark a straight line on the wall. This helps in proper alignment.Next, use the drill to make holes for the mounting screws. Insert wall anchors if needed. Attach the thermostat's mounting plate to the wall. Ensure it is level before securing it tightly.Connect the wires to the corresponding terminals on the thermostat. Follow the wiring diagram in the user manual. Make sure each connection is secure.Finally, snap the thermostat onto the mounting plate. Turn the power back on to your HVAC system. Check if the thermostat powers up and responds correctly. If everything is set, you have successfully installed your Luxpro Thermostat.Setting up your Luxpro thermostat for the first time is easy. This guide will help you through the initial setup steps. You will need to power the device and configure the date and time. Follow these simple instructions to get started.Powering The DeviceBegin by ensuring the thermostat is properly connected. Attach the wires to the appropriate terminals. Check that the power source is working. Once connected, the device should power on automatically. If not, check the connections and power supply again.Configuring Date And TimeNext, set the date and time on your Luxpro thermostat. This is important for accurate scheduling. Press the menu button on the device. Navigate to the settings option. Select 'Date and Time'. Use the arrow buttons to adjust the date. Press 'Enter' to confirm. Repeat the same steps to set the time. Double-check the settings to ensure accuracy.Credit: thermostat.guideUnderstanding the programming modes of your Luxpro Thermostat can help you keep your home comfortable and energy-efficient. These modes allow you to set heating and cooling schedules, adjust temperature settings, and much more. Let's explore the key features.Setting Heating And Cooling SchedulesSetting up a heating and cooling schedule is simple. First, navigate to the 'Program' mode on your thermostat. You will see options for weekdays and weekends. This allows for different schedules based on your routine.Weekdays: You can set up to four time periods for each day.Weekends: Typically have fewer time slots to set.Each time period can have different temperature settings. For example, you can have the thermostat lower the temperature while you sleep and raise it before you wake up.Adjusting Temperature SettingsAdjusting temperature settings is straightforward. In 'Program' mode, select a time period. Use the up and down arrows to set the desired temperature for heating and cooling. Confirm your settings by pressing 'Enter' or 'Set'.Ensure that your daytime and nighttime temperatures are comfortable for you. Consistent temperatures can also help you save energy.If you need to make quick adjustments, you can use the 'Hold' feature. This temporarily overrides your schedule until the next programmed period.The Luxpro thermostat offers a range of advanced features to enhance your comfort and efficiency. These features provide more control over your home's temperature and help save on energy costs. Let's explore some of these advanced features in detail.Using The Hold FunctionThe Hold Function allows you to maintain a specific temperature for an extended period. This feature is useful during vacations or special events. To activate the hold function:Press the Hold button on the thermostat.Adjust the temperature using the up and down arrows.Press Hold again to confirm.The thermostat will maintain this set temperature until the hold is deactivated. To return to the regular schedule, press the Run button.Energy-saving TipsUsing the Luxpro thermostat can help reduce your energy bills. Here are some energy-saving tips:Set the thermostat to lower temperatures when you are asleep or away from home.Use the programming feature to automatically adjust temperatures based on your daily schedule.Utilize the fan mode to circulate air without running the heating or cooling system.Implementing these tips can lead to significant energy savings. The Luxpro thermostat's advanced features make it easier to manage your home's temperature efficiently.Dealing with thermostat issues can be frustrating. But knowing how to troubleshoot can save you time and stress. Here, we will cover common problems and resetting your Luxpro thermostat.Common IssuesOne common issue is the thermostat not turning on. Ensure the batteries are fresh. Check if the breaker is off. Another issue is incorrect temperature readings. Place the thermostat away from heat sources. This helps in getting accurate readings.If the screen is blank, the batteries might be dead. Replace them to see if the screen lights up. Sometimes, the thermostat may not follow the programmed schedule. Double-check the settings. Ensure the time and date are correct.Resetting The ThermostatResetting can fix many issues. To reset your Luxpro thermostat, locate the reset button. It is usually inside the cover. Press and hold the reset button for five seconds. Release the button. The screen should go blank and then restart.After resetting, reprogram your settings. Set the correct time and date. Enter your desired temperature schedule. Resetting can often solve many common issues. If problems persist, consult the user manual. Or contact Luxpro customer support for further assistance.Regular maintenance of your Luxpro thermostat ensures it works efficiently. Simple upkeep can extend its life and improve performance. Follow these tips to keep your device in top shape.Cleaning The DeviceDirt and dust can affect your thermostat's performance. Clean the device regularly. Start by turning off the power to the thermostat. Use a soft, dry cloth to wipe the exterior. Avoid using water or cleaning sprays. A gentle touch keeps the device safe. Clean the screen with a microfiber cloth. This prevents scratches and removes smudges.Replacing BatteriesReplace the batteries to avoid interruption in service. Check the battery level often. When the screen dims, it's time for new batteries. Turn off the thermostat and remove the cover. Take out the old batteries and dispose of them safely. Insert new batteries, ensuring the correct polarity. Replace the cover and turn the device back on. Check the settings to ensure everything works properly.Credit: www.youtube.comTo set a Luxpro thermostat, press the "Menu" button, then adjust settings with the arrow keys.To reset, press "Reset" or "Menu" and "Backlight" buttons together until the screen resets.Remove the thermostat from the wall, open the battery compartment, and replace the old batteries with new ones.Press "Menu," select "Program," and follow the on-screen instructions to set your desired schedule.Check the batteries, circuit breaker, and ensure the thermostat is properly installed and configured.Mastering your Luxpro thermostat is easier than you think. Follow the steps mentioned, and you'll enjoy a comfortable home. Remember to refer to the manual for specific settings. Practice makes perfect; soon, you'll adjust temperatures effortlessly. Don't hesitate to explore advanced features when you're ready.Keep experimenting to find your ideal climate. Happy adjusting! Description Learn how to install a LUX PSD022Ba LUXPro thermostat to control your energy bills. This installation and operating instructions describes in details the sequence of steps required to connect the non-programmable digital heat & cool thermostat. SPECIFICATIONS ELECTRICAL RATING.....24 Vac (30 Vac Maximum) SWITCH ACTION.....Open Contact SWITCH ANTICIPATOR RATING.....0.15A to 1.2A TEMPERATURE RANGE.....50°F to 90°F INSTALLATION & OPERATION THERMOSTAT LOCATION For accurate temperature control and comfort, the correct location is very important. On new installations, the guidelines listed below should be followed as closely as possible. When replacing an old thermostat, install the new one in the same location unless these conditions suggest otherwise. Locate the thermostat on an inside wall about five feet above the floor, where it is easy to install and adjust. It should be in a room that is used often, such as a family room. Do not install it where there are unusual heating conditions, such as direct sunlight, close to a lamp radio, television, radiator, register, near a fireplace, or other heat-producing appliance. Also, check for hot water pipes within the wall, or a stove on the other side of the wall. Do not locate in unusual cooling conditions, such as on an outside wall, or one separating an unheated room, or in drafts from stairwells, doors, or windows. Do not locate in a damp or humid area. This can shorten thermostat life due to corrosion. Do not locate where air circulation is poor, such as an ina corner, alcove, or behind an open door. Do not install until all construction work and painting have been completed. TOOLS REQUIRED Wire stripper or knife, drill with 3/16" bit, screwdriver, level, and a pencil. REMOVING OLD THERMOSTAT Please read all instructions carefully. As you complete each step, check the adjoining square ■. Disconnect the electricity and turn off the gas to the heater. Remove the cover from the old thermostat. Loosen all screws. Disconnect wires from the thermostat, making sure they do not fall back inside the wall. Strip insulation 3/8" from wire ends and clean off any corrosion. Fill the wall opening with non-combustible insulation to prevent drafts from affecting thermostat INSTALLING NEW THERMOSTAT Place new decorative wall plate (if supplied), Figure 3, over wall opening. Decorative wall plate can optionally be left off. Remove Front Cover of new thermostat by inserting a finger in the side of the thermostat and gently prying away each corner. Place Base, Figure 2, on wall plate over wall opening. Mark wall with pencil at mounting holes as shown in Figure 2. Now lay wall plate and base to the side. Drill two holes with 3/16" bit, 1" deep. Insert plastic screw anchors into drilled holes, flush with wall surface. Bring wires through large hole in the decorative wall plate and through Hole For Wires in Base. Fasten Base loosely to wall using two mounting screws. Place a level against the bottom of the Base, adjust until it is level and then tighten mounting screws to secure the Base. Attach wires to terminal screws shown in Figure 2. (Either wire to either terminal) Push excess wire back into wall opening. Find the anticipator setting on old thermostat. Setting on new thermostat should be the same. Do this by carefully sliding the long pointer on the anticipator over the desired number. If old anticipator setting cannot be determined, look on gas control on furnace, or set it at . During heating season, furnace should operate about five times an hour. If adjustments are necessary, move heat anticipator pointer slightly and recheck. NOTE: Set pointer to 1.2 for millivolt systems. Attach front cover, Figure 1, to base. Turn electricity and gas back on and set pointer on top of the thermostat to desired temperature. A thermostat can only control temperature near it. If you find that it is uncomfortable some distance away from the thermostat, change the setting in order to compensate for this. FIGURE 2 BASE FIGURE 3 DECORATIVE WALL PLATE TECHNICAL ASSISTANCE If you have any problems installing or using this thermostat, please carefully and thoroughly review the instruction manual. If you require assistance, please contact our Technical Assistance Department at 856-234-8803 during regular business hours between 8:00 AM and 4:30 PM Eastern Standard Time, Monday through Friday. You can also receive technical assistance online anytime day or night at . Our website offers you answers to the most common technical questions, and also permits you to email your questions to our technical support staff at your convenience. WARRANTY Limited Warranty: If this unit fails because of defects in materials or workmanship within three years of the date of original purchase, LUX Products Corporation will, at its option, repair or replace it. This warranty does not cover damage by accident, misuse, or failure to follow installation instructions. Implied warranties are limited in duration to three years from date of the original purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Please return malfunctioning or defective units to the participating retailer from which the purchase was made, along with proof of purchase. Please refer to "TECHNICAL ASSISTANCE" before returning the thermostat. Purchaser assumes all risks and liability for incidental and consequential damage resulting from the installation and use of this unit. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. Applicable in the U.S.A. only. RECYCLING NOTICE This product does not contain mercury. However, this product may replace a unit that contains mercury and should not be disposed of in the trash. Contact your local waste management authority for proper disposal instructions for mercury in a sealed glass tube. If you have any questions, please call (856) 234-8803 LUX PRODUCTS CORPORATION Mt. Laurel, New Jersey, 08054 USA REFERENCE: Download Manual: LUXPRO PSM30SA THERMOSTAT Installation Manual Other manuals: LUXPRO PSM30SA THERMOSTAT Product Specifications LUXPRO PSM30SA THERMOSTAT Installation Manual thermostat.guide thermostat user manuals Description In most houses, installing a LUX PSD111 LUXPro thermostat is a simple task that takes up to 30 minutes. Step-by-step instructions are described in installation and operating instructions and simplify the installation and wiring of the digital electronic thermostat, so use this document as your basic guide on 3 pages in English. Complete, Easy To Read Programming And Installation Instructions Inside IMPORTANT! Thank you for your confidence in our product. To obtain the best results from your investment, please read this manual and acquaint yourself with your purchase before installing your new thermostat. Then follow the installation procedures, one step at a time. This will save you time and minimize the chance of damaging the thermostat and the systems it controls. These instructions may contain information beyond that required for your particular installation. Please save it for future reference FEATURES The PSD158 can be used with most 24-volt gas, oil, or electric heating systems or gas millivolt heating systems. It cannot be used with 120-volt heating systems or heat pumps. Ask your dealer for other LUX themostats to control those systems. A large easy-to-read display shows you the tile's current room temperature at all times. The PSD158 has a built-in digital control system to accurately control the temperature in your home. The PSD158 will learn the temperature characteristics of your home on a daily basis and customize the control to give you the best comfort possible from a digital thermostat. You can also select a tighter temperature control if you have a forced hot water system or closer comfort is preferred over energy savings. A press of either the Temperature Up or Down key will reveal the current Set Temperature. Two "AA" batteries (not included) are used to retain your time and temperature programs CAUTION Your thermostat is a precision inst/element. Please handle it with care. Turn off electricity to the appliance before installing or servicing theTThIOStat or any part of the system. Do not turn the electricity back on until is completed. Do not short Or, Jmpc,) across electric temtnas/a at control on the furnace or to test the system. This will damage the thermostat and void your warranty. wiring must conform to local codes and ordinances. This thermostat is designed for use with 24-volt and millivolt systems. The thermostat should be limited to a maximum of 1.0 amps; higher amperage may cause damage to the thermostat. If you are in doubt, c.a/1 your utility company. INSTALLATION AND OPERATION Please read all instructions carefully before beginning installation. TOOLS REQUIRED Phillips screwdriver (small) Drill with 3/16-in. (.48mm) bit THERMOSTAT LOCATION On replacement installations, mount the new thermostat in place of the old one unless the conditions listed below suggest otherwise. On new installations, follow the guidelines listed below. Locate the thermostat on an inside wall, about 5 ft. (1.5m) above the floor, and in a room that is used too. Do not install it where there are unusual heating conditions, such as: in direct sunlight; or near a lamp, radio, television, radiator, register, or fireplace; near hot water pipes in a wall; near a stove on the other side of a wall. Do not locate in unusual cooling conditions, such as: on a wall separating an unheated room; or in a draft from a stairwell, door, or window. Do not locate in a damp area. This can lead to corrosion that will shorten thermostat life. Do not locate where air circulation is poor, such as: in a corner or an alcove; or behind an open door. Do not install the unit until all construction work and painting have been completed. This thermostat does not require leveling. REMOVING THE OLD THERMOSTAT 1. Remove the cover from the old thermostat. Most are snap-on types and simply pull off. Some have to lock SCLeWS on the side. These must be loosened. Switch the electricity to the furnace OFF; then proceed with the following steps. Note the letters printed near the terminals. Attach labels (enclosed) to each wire for identification. Remove and label wires one at a time. Make sure the wires do not fall back inside the wall. Loosen all screws on the old thermostat and remove it from the wall. MOUNTING THE PSD158 ON THE WALL Press down on the button on top of the thermostat and swing the body away from the base and down to remove the body from the base. Strip insulation 3/8 (9.5mm) from wires and clean off corrosion. Fill the wall opening with non-combustible insulation to prevent drafts from affecting the thermostat. WARNING: Use Energizer® or DURACELL® Alkaline Batteries ONLY for all LUX thermostats requiring batteries Hold the base against the wall, with the wires coming through wherever it is convenient for wiring. Route the wires to below the terminal block. Position the base for best appearance (to hide any marks from an old thermostat). Attach the base to the wall with the two screws provided. Caution Do not allow wires to touch each other or parts on the thermostat. Wires must be trapped between the black spacer and the brass terminal. Also, be sure to tighten securely all 5 electrical terminalscrews WIRING DIAGRAMS These diagrams are provided for new installations or unreferenced wires. INSTALLING BATTERIES/ MAINTENANCE The PSD158 requires batteries to operate your furnace and retain its programming in memory and light the display. Replace the batteries when the BATT indicator appears in the display or at least once a year. Remove fresh batteries from their carton. Remove the body of the thermostat as described during installation. Remove the used batteries. Install TWO new "AA" size alkaline batteries in the battery compartment. Observe the polarity marking shown in the compartment. Place the body back on the wall. Hook the bottom of the body onto the base, swing the body up, and snap the body onto the base. Installation is now complete. Be sure to turn the power back on to your heating. Within 90 seconds the thermostat will begin to display the room temperature. Press either the TEMPERATURE UP or DOWN key in order to show the current SET TEMPERATURE. Press the TEMPERATURE UP or DOWN keys again until your desired temperature is displayed. The display will show the current room temperature again after two seconds. N O T E When replacing batteries, you, have approximately 1 minute before programs are lost. N O T E If you have an electric system aJX1 the blower does not operate after installation, find ti electric/gas heat jumper on the back of the txlly as indicated below, the jumper from the pins on the far right to the pins on the far left. In the winter, set the system switch to HEAT to control your heating system. In spring and fall or when windows are open, you can set the system switch OFF. Setting the FAN switch to AUTO automatically runs your system's fan during heating. Setting the FAN switch to ON runs your system's fan continuously even without heating. ADVANCED FEATURES TEMPERATURE SWING A thermostat heating or cooling system is on and off whenever the room number of degrees from the set-point temperature. This variation is the "swing." thermostat is tuned to provide you with exceptional comfort as well as provide you with energy savings. you desire to have the temperature control led even more lightly il your home at the expense of increased energy savings, you can change the Also users forced hot water systems may find these settings more comfortable. located on the bad< of the thermostat body are three jumpTo change horn 0.5 degrees F Marked button on the front of the thermostat with a paper clip for the change to take effect The unit will now control your home to 0.5 CHANGING FROM °F TO °C To change to Celsius -remove the jumper marked -C/F. Press the small unmarked button on the front of the thermostat for the changes to take effect. MINIMUM ON TIME (5 MIN/2 MIN) The thermostat has a built-in 5-minute minimum time to protect your system. If you find u, this is too long for your application (a zoned system is b)typical example) you may change the delay to 2 minutes. Move the jumper mal