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Trane pzs user manual

Before using the Trane X1379088401 programmable thermostat, it's essential to configure it properly for continuous and correct operation. Refer to the owner's manual, a 32-page English document, which includes safety guidelines and installation instructions. ****Important Safety Notice**** Only qualified personnel should install, service, or start up heating, ventilating, and air-conditioning equipment, as improper handling can result in serious injury or death. ****Owner's Manual Contents**** The manual is divided into several sections: 1. ****General Information****: A brief overview of the product, including part numbers, dimensions, and features. 2. ****Product Description****: Details about the Trane programmable zone sensor (p/n X1379088401), its compatibility with UCP, Reliatel, and IntelliPak control units, and its key features. 3. ****Dimensions****: A detailed illustration of the product's dimensions, applicable to all models. 4. ****Pre-Installation****: Essential information before installing the sensor, including location considerations, height requirements, mounting surfaces, and recommended wire lengths. 5. ****Table 1: Recommended Wire Lengths**** A table outlining the maximum recommended wire lengths for the sensor from the controller to the sensor in meters and feet. ****Installation Instructions**** This section provides detailed installation instructions, which will ensure proper operation of the Trane X1379088401 programmable thermostat. ****COPYRIGHT INFORMATION**** The document and its contents are the property of Trane and may not be reproduced or used without written permission. Trane reserves the right to revise this publication at any time and make changes to its content without notification. Please refer to setup guide prior to installing device. Important: Before installing sensor, ensure that wire access hole is available at installation location and wires are accessible through it. Installing Device Wiring Sensor Hazard warning! Ensure all electric power, including remote disconnects, are disconnected before servicing. Failure to do so may result in serious injury or death. Note: Applying excessive voltage to sensor can cause permanent damage. Refer to wiring diagram (Table 2) for proper connections. Replacing Cover To replace cover, simply hook it over back plate and snap it into place by applying light pressure. Secure cover with security screw (BAS-SVX17B-EN). Restoring Power Once power is restored to unit controller, display screen will show sequence of symbols, including zone temperature and setpoint temperature. Configuration Options Programmable zone sensor can be configured to operate with various units, including constant-volume (CV) or heat pump (HP) units. Refer to configuration tables (Tables 3 and 4) for available options. The programmable zone sensor offers various configuration options, including timed override and temperature settings. Option number 0 configures the operation mode, with 1 being heat pump and 0 constant volume. The default temporary override time is set in hours for options 1-5. The sensor also allows for field calibration of its internal or remote temperature reading, with adjustments made in increments of 0.1°F (0.6°C). 1. Start at the home screen and press simultaneously for four seconds to access configuration options. 2. Pressing a keypad button while the keypad is locked will result in the display flashing three times. 3. To configure setpoints instead of space temperatures on the main display, follow these steps: 1. Begin at the home screen 2. Press simultaneously for four seconds 4. Use Operation Table 5 to schedule operations for sensors configured for CV or HP units, including a weekly operating schedule from Page 25. 5. Refer to Operation Table 6 for creating a weekly operating schedule for VAV units. 6. Maintenance and troubleshooting procedures are outlined in this section, including error codes and solutions. 7. Error codes on the display can indicate technical issues requiring assistance; note that they toggle with the clock. 8. Troubleshooting steps include: * Checking power supply at terminals 11 and 14 * Verifying terminal block positioning * Monitoring voltage and wiring for communication issues 9. Sensor specifications include operating temperature range, storage temperature range, humidity level, accuracy, and resolution. 10. This document validates CE conformity of the Programmable Zone Sensor module. Additional details about products, services, and componentry can be found at www.Trane.com. As part of its ongoing commitment to excellence, Trane may modify product features and related data at any time. Additionally, the company reserves the right to alter product design and specifications without prior notification. Copyright 2010 Trane - All rights reserved

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