

INSTALLING the OnWatch™ SecureHeat™ System 32 - OIL

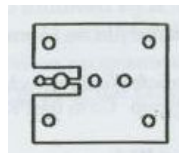
(For Part Numbers 321002, 321015, 321020)

PREPARING for INSTALLATION

- 1) SecureHeat System 32 can be installed in almost any indoor location. Use 26 ga. (min.) thermostat wire, or better, to make all connections.
- 2) For maximum convenience, plan to locate System 32 near a telephone jack.
- 3) Install SecureHeat System 32 in a clean, dry area, normally above 50° F.

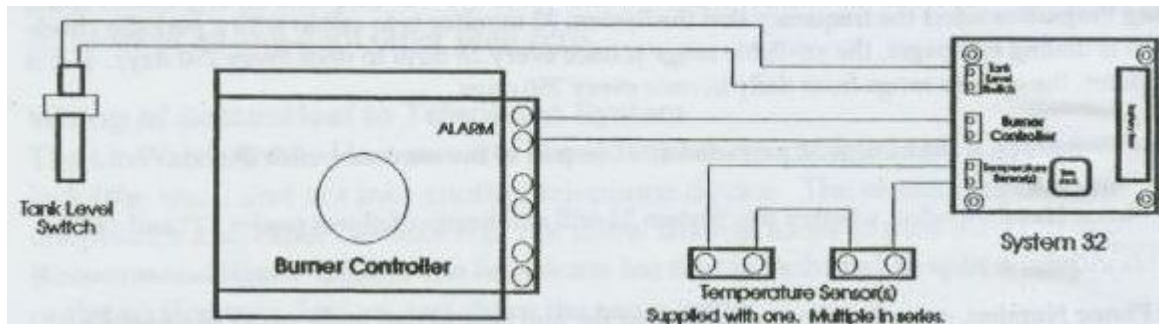
INSTALLATION

STEP ONE: Remove mounting plate from back of System 32 by sliding to one side. Attach flat side of mounting plate to a solid surface with the screws provided, as shown at right.



STEP TWO: Slide SecureHeat System 32 onto mounting plate until it snaps into place.

STEP THREE: Wire as shown below. Remove any jumpers in terminals that are used.



NOTE: INPUT A takes priority over INPUT B. All wires must be attached before battery is installed.

STEP FOUR: Wire into telephone system with modular cord provided.

STEP FIVE: Remove SecureHeat System 32 from mounting plate by sliding to left. Attach cover with four screws provided.

STEP SIX: Connect a fresh 9-volt battery that is approved by OnWatch and install in compartment. Reattach SecureHeat System 32 to mounting plate.

TESTING

NOTE: You may "listen-in" on another telephone set during the testing. You must, however, hang-up between each test.

- 1) SecureHeat System 32 has a RESET button that is accessed with a piece of wire through a small hole in the top edge of the case. Unit will test dial within 2 minutes after RESET button is pressed. Pager or receiving computer should receive Unit ID followed by a "0" (zero).
- 2) Manually cause burner to safety lockout. Within 5 minutes SecureHeat System 32 will dial. Pager or receiving computer should receive UNIT ID followed by a "4". Reset burner and wait 3 minutes.
- 3) Detach one wire from temperature sensor. Within 5 minutes SecureHeat System 32 will dial. Pager or receiving computer should receive UNIT ID followed by a "2".
- 4) Reattach wire.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: 1) Reorient the receiving antenna; 2) Increase the separation between the equipment and the receiver; 3) Consult the dealer or an experienced radio/TV technician for help. "OnWatch" and "SecureHeat" are registered trademarks. Copyright 2004 OnWatch Electronics Inc. 32man2 rev 7/04

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PROGRAMMING

TO PROGRAM A SECUREHEAT MONITOR

- 1) Remove cover of SecureHeat System 32. Insert the 4-pin plug of the System 32 Programming Interface into the jack located near the top of the board.
- 2) Install a fresh 9-volt battery in the SecureHeat System 32.
- 3) Using standard Microsoft Windows techniques, start the SecureHeat System 32 program which is part of the OnWatch program group. Go to the PROGRAMMING page.
- 4) **Enter the desired Unit ID #.**
- 5) Complete the **Customer Information** box.
- 6) Under **Dialing Properties** select the frequency that the System 32 monitor is to call in with a periodic check-in (“0” code). If it is dialing to a pager, the available range is once every 28 days to once every 250 days. If it is dialing to a computer, the options range from daily to once every 250 days.
- 7) Under **Dialing Properties**, if the System 32 must dial a “1” as part of the sequence, click the box.
- 8) Under **Fault Phone Number**, select whether this System 32 will dial heating failures (codes “2” and “4”) to a pager or a computer.
- 9) Under **Fault Phone Number**, enter the phone number that the unit should dial in the event of a heating system failure (codes “2” and “4”). **YOU MUST COMPLETE THIS SECTION.**
- 10) **Delay** is the length of time (in seconds) of a pause in the dialing sequence. Enter it whenever necessary to accommodate the telephone or paging system timing. **RECOMMENDED: minimum of 5 seconds.**
- 11) If the receiving pager requires a pager ID, enter that in **Pager ID**. If not, leave this blank.
- 12) **Pager Mode Interval.** The System 32 will repeat calling a fault (codes “2” or “4”). For pager dialing only, this is programmable. Select either 15 minutes or 60 minutes delay between radials.
- 13) The section labeled **Tank Phone Number** is used for all other dialing purposes, such as tank level, periodic check-in, and low battery. If the System 32 is to dial a **different** pager for these purposes, complete this section in a manner similar to above.

NOTE: When this screen is completed, click on “SAVE DEFAULTS”. This will save all the above information so it will not have to be reentered next time.

- 14) Click on **Program to Monitor**. The scroll bar should show programming.

OFFICIAL NOTICES

- 1) This equipment complies with Part 68 of the FCC Rules. On the back of this equipment is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) of his equipment. If requested, this information must be provided to the telephone company.
 - 2) The REN is used to determine the quality of devices which may be connected to the telephone line. Excessive REN's on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all, areas, the sum of the REN's should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total number of REN's, contact the telephone company to determine the maximum REN for the calling area.
 - 3) If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of the service may be required. But if advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your rights to file a complaint with the FCC if you believe it is necessary.
 - 4) The telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.
 - 5) If trouble is experienced with the System 32, please contact OnWatch Electronics Inc. (603-487-3400).
 - 6) The only repair that the user can perform is to change the battery.
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