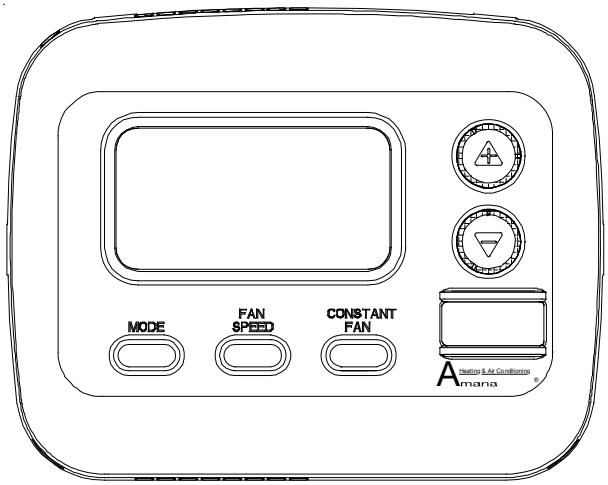
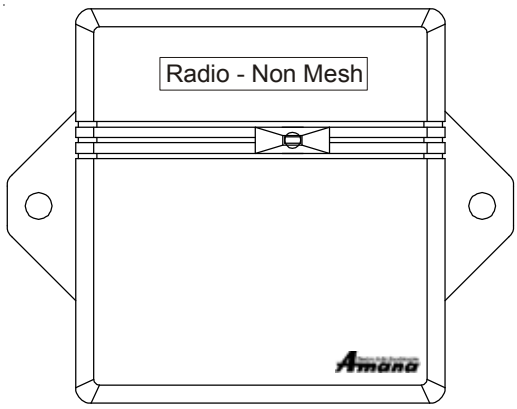
PTAC
WIRELESS THERMOSTAT KIT (DSA01NM)
INSTALLATION INSTRUCTIONS



Thermostat



Antenna

ATTENTION INSTALLING PERSONNEL

As a professional installer you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with this Instruction Manual. Pay special attention to all safety warnings. Often during installation or repair it is possible to place yourself in a position which is more hazardous than when the unit is in operation.

Remember, it is **your** responsibility to install the product safely and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting. Most dealers have a list of specific good safety practices...follow them.

The precautions listed in this Installation Manual are intended as supplemental to existing practices. However, if there is a direct conflict between existing practices and the content of this manual, the precautions listed here take precedence.

RECOGNIZE THIS SYMBOL

AS A SAFETY PRECAUTION.

The following installation instructions are for a typical installation.

Please contact your PTAC salesperson for additional assistance and explanation prior to ordering materials or cutting openings.

1. ANTENNA INSTALLATION FOR DSA01NM KIT

An antenna must be installed on the digital PTAC to allow operation of the DSA01NM remote RF thermostat.

WARNING

HIGH VOLTAGE

DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS KIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH. THE "OFF" SWITCH DOES NOT DISCONNECT ALL POWER TO THE UNIT.

PREPARATION

1. Disconnect power to the unit by unplugging the power cord at the wall outlet or subbase, or disconnect power at the fuse box or circuit breaker.
2. If the cabinet front is screwed to the chassis, remove the 1/4" screw (or screws). See following figure.

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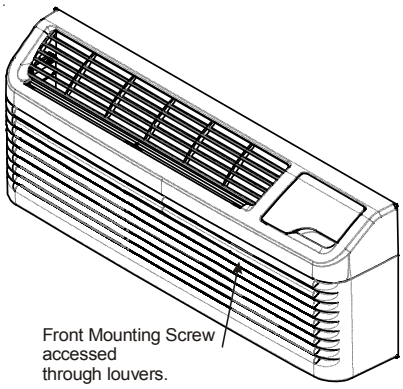
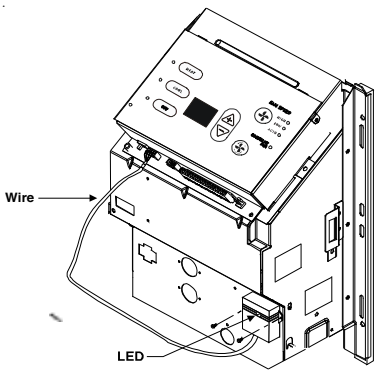


3. Remove cabinet front from chassis by tilting the bottom of the front forward, lifting slightly up and forward.

4. Mount the antenna as high up on the control panel as possible and as far to the right as possible in a location that will not interfere with the reinstallation of the PTAC polymer room front. Mark holes for screw location. Remove antenna housing and drill two 1/8" holes where marked. Some units may have the holes already predrilled in the correct location.



ANTENNA Mounting

5. Remove antenna cable and route cable through opening in bottom of antenna housing.

6. Mount antenna housing with two screws as shown in figure. (**NOTE:** The Amana® brand logo should be in the lower right hand corner).

7. Plug wire harness from antenna into the white connector housing on the control board to the right of the master switch, being careful not to bend and/or break the wires when you connect the cable to the PTAC. Gently push the connector into place by pushing on the edge of the connector with your thumb nails. *Avoid pushing directly on the wires. The wire has a small clasp that must be oriented to the front to slide into the white housing properly.*

8. Restore power to the PTAC unit.

9. Reinstall the polymer room cover.

NOTE: The LED must be oriented at the **top** of the antenna housing (the Amana® brand logo will be on the lower right) for proper unit operation.

2. THERMOSTAT INSTALLATION FOR DSA01NM KIT

NOTE: An antenna must be installed on the digital PTAC unit for the DSA01NM thermostat to be operable.

1. Select thermostat mounting location about five feet above the floor, on an inside wall, out of direct sunlight, away from sources of radiant heat (lamps, fireplaces, heating and air conditioning equipment, etc.), away from windows or door to the outside, and avoid areas with poor air circulation.

   Ensure location is out of the path of foot traffic where a person might accidentally bump into the thermostat and damage the device but is visible and convenient for the room guests to locate and operate.

2. Remove thermostat from mounting plate by pulling apart at the bottom of the thermostat about 1", and slide thermostat up to release from the top of the mounting plate.

3. Place thermostat mounting plate against the wall at desired location and mark placement of mounting holes. Make sure the UP arrow is pointing up on the mounting plate.

4. When mounting, drill a 3/16" hole and tap plastic anchor into wall.

5. Screw mounting plate to the wall.

6. Install four (4) AA batteries (included) into the back of the thermostat. Terminals are marked "+" and "-" for polarity.

7. Prior to attaching the thermostat body to the wall plate, follow the steps on page 3 of this document for binding the thermostat to the antenna. When these steps are completed and the thermostat has been bound, continue with verifying the unit's operation.

8. Once the binding process has been completed and the operation process has been verified, install the DSA01NM thermostat to the wall plate by aligning the top two tabs of the thermostat to the top two slots on the mounting plate. Once the two tabs are aligned with the two slots, press slightly downward so the tabs fall into the slots. Press the bottom of the thermostat toward the mounting plate until the bottom fasteners snap securely into place.

NOTE: Do not install the thermostat on the wall plate until the binding process has been completed and the operation has been verified.

NOTE: The DSA01NM antenna is not designed to function with an occupancy sensor (DD01x) or in an RF mesh. If you require an energy management system or web based monitoring, you must install a DT01G RF wireless antenna (sold separately).

3. BINDING OF RF DEVICE

⚠ CAUTION

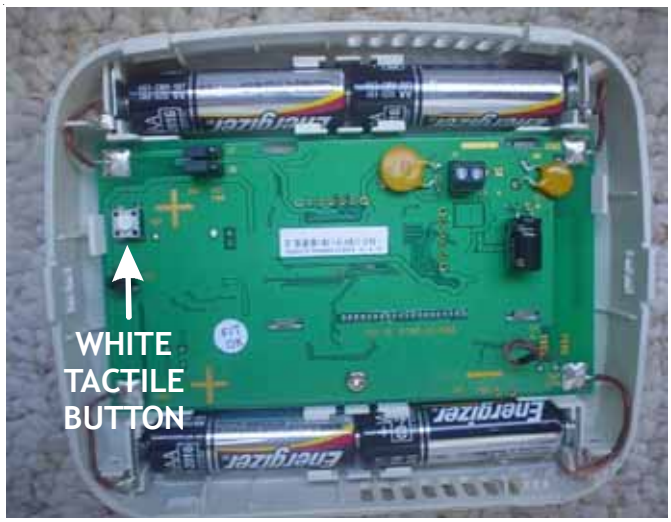
DO NOT HAVE TWO GROUPS OF PEOPLE BINDING UNITS IN THE PROPERTY AT THE SAME TIME. RADIO FREQUENCY (RF) GOES THROUGH WALLS AND UP TO 400'.

RF TRANSMITS THROUGH WALLS.

The wireless device, DSA01NM, must be bound to the PTAC for proper in-room communication. Ensure the PTAC unit is powered but in the OFF position.

1. Press and hold OFF button on the PTAC until ⌊_ appears.
2. Press and then immediately release the white tactile button on the back of the DSA01NM thermostat. ⌊⌜ should now be displayed on the PTAC LED display. If ⌊⌜ does not show on the display in 1-2 seconds, then press and release the white button a second time. When ⌊⌜ appears, press the OFF button on the PTAC to exit the binding mode.

   After the PTAC has finished a diagnostic review and the LED display is back to a blank screen, proceed to test the thermostat operation. See the following DSA01NM GENERAL FUNCTIONS.



DSA01NM GENERAL FUNCTIONS

The MODE button, located in the far left corner of the thermostat, allows the user to choose between off cool and heat positions.

1. The first push on any button on the thermostat turns the backlight on.
2. The second push of the MODE button will then allow the user to cycle through the modes of desired operation: OFF, COOL or HEAT.

NOTE: What you change on one device will update to the other.

3. If the thermostat is functioning properly, mount the thermostat body on the previously installed wall plate.

4. CONFIGURATION

The PTAC control will automatically self-configure to work with the wall thermostat (DSA01NM Kit) if installed and bound.

CAUTION

This equipment is authorized for use under the United States Federal Communication Commission Rules and Regulations, Code of Federal Regulations Chapter 47 part 15 and must be installed in accordance with the instructions provided in this document. Failure to install or operate this equipment as instructed in this document could void the user's authority to operate the equipment. This equipment contains no user serviceable parts. Any modification or repairs to the internal components or to the antenna configuration of the equipment without the express written consent of Everex Communications, Inc., could void the user's authority to operate the equipment.

NOTE: To comply with FCC RF exposure requirements in section 1.1307, a minimum separation distance of 20cm (8 inches) is required between the equipment and all persons.

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 interference will 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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