*Dealer Installation
and Start-Up Instructions*

Comfort Control² System™

ENERGY STAR

500 Series Thermostat
Featuring Serial Communication
(-)HC-TST501CMMS

Table of Contents

This document provides information for installation of the touchscreen thermostat only. Installation instructions of the furnace or air handler and outdoor AC condensing unit or heat pump are provided with each of these devices.

This thermostat is designed exclusively for this Comfort Control² System™ equipment ONLY.
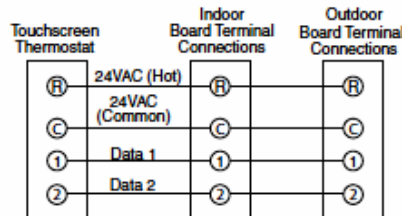
Battery Location
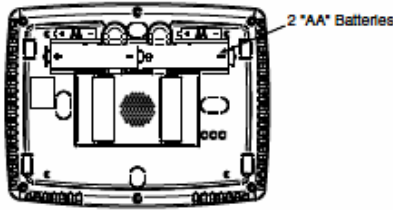
2 "AA" Batteries

2 "AA" alkaline batteries are included in the thermostat to keep time during a power outage. They are also required for armchair programming.

If "**LOW BATTERY**" is displayed in the scrolling area, the batteries are low and should be replaced with fresh batteries. For best results use premium brand alkaline batteries, such as Duracell® or Energizer®.

To replace batteries, set thermostat **SYSTEM** touch key to Off, remove thermostat from wall by grasping the top and bottom of the thermostat and pulling straight away from the wall. The base will remain on the wall. Install the batteries in the rear along the top of the thermostat. Reposition the thermostat over the base plate and gently snap into place.

Wiring Requirements

Each communicating device in the system has a four wire connection labelled (R, C, 1, 2). Each R, C, 1, and 2 terminals must be wired consistently.

Touchscreen Thermostat		Indoor Board Terminal Connections	Outdoor Board Terminal Connections
ℝ	24VAC (Hot)	ℝ	ℝ
ℂ	24VAC (Common)	ℂ	ℂ
①	Data 1	①	①
②	Data 2	②	②

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Specifications for this item

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