airsideproducts

The "*Autospeed* 24V "

Control Package:

24V Digital 3-speed Wall Thermostat and Fan Coil *Control Board* For 2 pipe and 4 pipe fan coils

Accurate, Efficient, and Quiet Fan Coil Operation

The new ***Autospeed*** 24V™ thermostat (part #'s ***T200 and T201***) provides 24V AC single stage temperature control of 2 pipe and 4 pipe fan coil applications. The ***T200/T201*** thermostat offers maximum comfort and efficiency by a*utomatically selecting the appropriate High, Medium, or Low fan speed,* depending on room temperature and thermostat temperature setting. This automatic fan speed control not only brings the room temperature to the desired set point quickly, it maintains the room temperature with the most efficient fan speed selection. Once the desired room temperature is achieved the fan coil operates on low speed for extremely quiet operation.

The fan coil ***control board*** is a circuit board that provides control of a 3-speed line voltage (120, 208-240, or 277V), (50 or 60 cycle) fan motor. The ***control board*** allows the thermostat to control the fan motor even though, by itself, the thermostat does not have the current capability nor voltage rating capability to control the fan motor. Contact the factory for various control board part numbers.

For ceiling fan coils (YHBC/YPHBC/YCHBC/YRHBC, and YHYB/YPHYB series), a "Controller Enclosure" is factory installed, which includes the control board, transformer, and disconnect switch. For YMB/YMB-HW and YCW/YCW-HW/YCWE series upflow or horizontal fan coils, the optional control board and transformer can be factory installed inside the unit wiring compartment. A disconnect switch is not available with the YMB/YMB-HW and YCW/YCW-HW/YCWE models.

(Shown with wall plate)

T200/T201 Thermostat Features

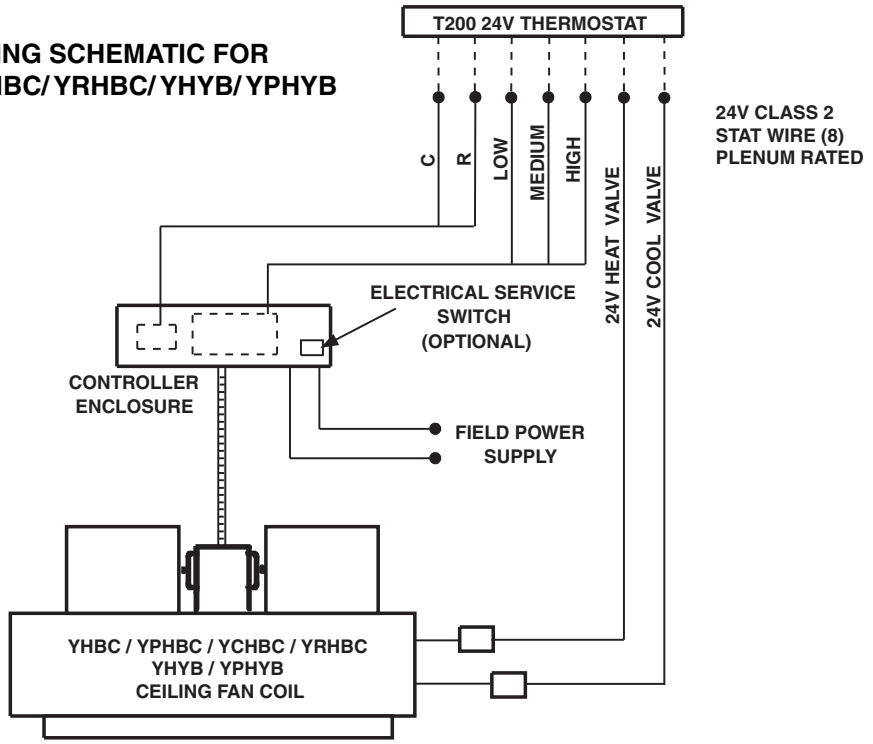
- Compatible with 2 pipe and 4 pipe fan coils Series YHBC/YPHBC/YRHBC/YCHBC, YMB/YMB-HW. YHYB/YPHYB,and YCW/YCH-HW/YCWE
- Continuous fan operation
- T200-Manual Heat / Cool changeover
- T201-Auto Heat / Cool changeover
- Large LED digital display
- Allows less expensive 24V control wiring from the fan coil to the thermo stat, rather than larger, more expensive line voltage wiring.
- 3-speed fan operation, with speed indcator lights
- Fan speed determination:
  - If room temperature is 4 degrees (F.) off thermostat set point, fan will operate on High speed.
  - If 3 degrees off set point, fan will operate on Medium speed.
  - If within 2 degrees of set point, fan will operate on Low speed.
- One-hour Auto override - Fan speed defaults to “Auto” ,ode after 1 hour if the user manually changes it to a particular fan speed.
- Temperature set range: 64-88 degrees F.
- Adjustable high and low temperature set points (low set point option is 67 deg. F., high set point option is 84 deg. F.)
- Selectable Fahrenheit / Centigrade display
- Power switch turns system off/on
- Requires 7-wire 24V thermostat wire
- No batteries required
- Set points are permanently retained in memory in case of power interruption
- Simple operation
- Mercury Free
- Wall plate included

AIRSIDE PRODUCTS - P.O. Box 270969 - Dallas, Texas 75227 - Ph. (214) 388-5751 - Fax (214) 388-2255

T200/AT201

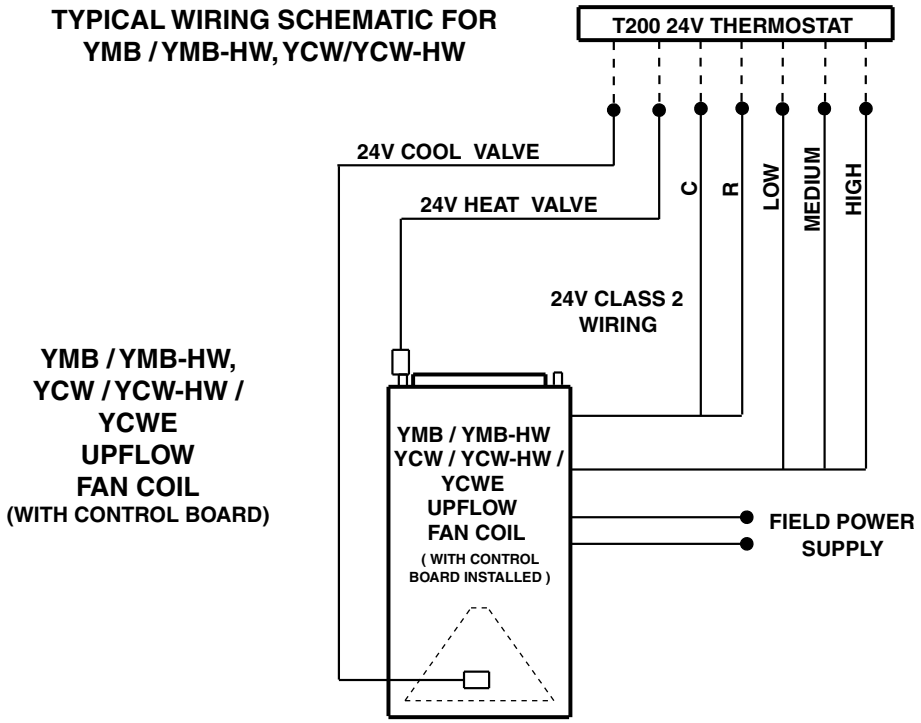
Autospeed 24V Control Package

TYPICAL WIRING SCHEMATIC FOR YHBC/ YPHBC/ YCHBC/ YRHBC/ YHYB/ YPHYB



TYPICAL 4 PIPE SHOWN

TYPICAL WIRING SCHEMATIC FOR YMB / YMB-HW, YCW/YCW-HW



TYPICAL 4 PIPE SHOWN

Catalog No. YT200-307 (Replaces YT200-107)

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