

Wiring York Model YH4,6 Heat Pump 454B Refrigerant and ADP Model AX 454B refrigerant Air Handler with RDS Board

With digital thermostats using triac switching there can be bleed voltage that occurs causing the indoor fan to continue operating during the off cycle. We have found when using a thermostat with Triac switching with the ADP model AX using 454B refrigerant and the new mitigation control, (RDS), the indoor blower continues to operate when the thermostat is satisfied. This may or may not happen depending on which model thermostat is used. To prevent this from happening you can install a resistor. See the wiring example below.

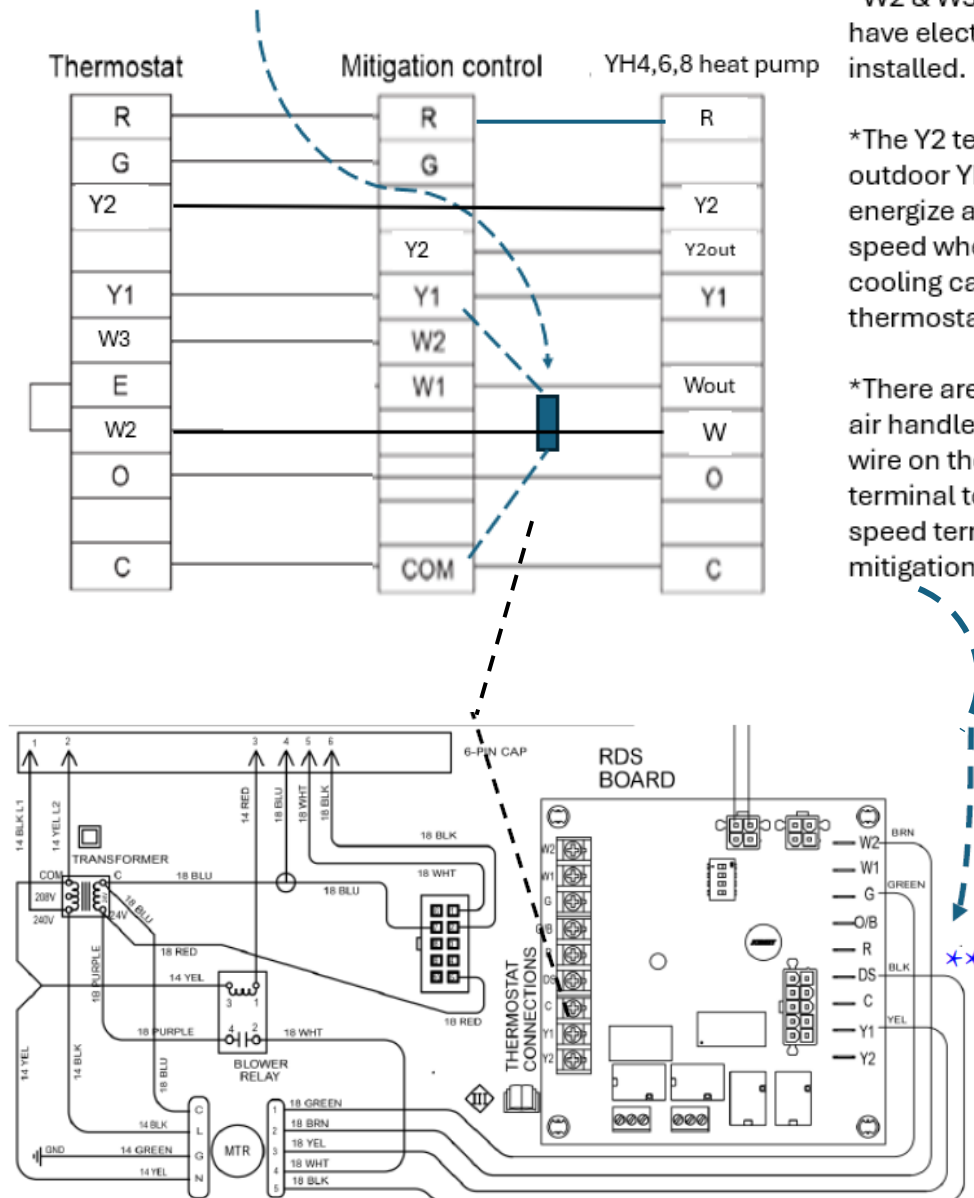
* if needed add a 1K 2 watt resistor across Y1 & C

Notes:

*W2 & W3 Only used if you have electric strip heater installed.

*The Y2 terminal on the outdoor YH is an output to energize a higher blower speed when Y2 second stage cooling calls from thermostat.

*There are 5 speeds on the AX air handler. Move the black wire on the DS blower speed terminal to the Y2 blower speed terminal on the mitigation control.



** Standard ECM

blower – 1 is lowest speed 5 is highest speed. You can position speed taps as required for proper air flow requirements for the tonage system. Refer to tech guide or installation manual for your job CFM required.