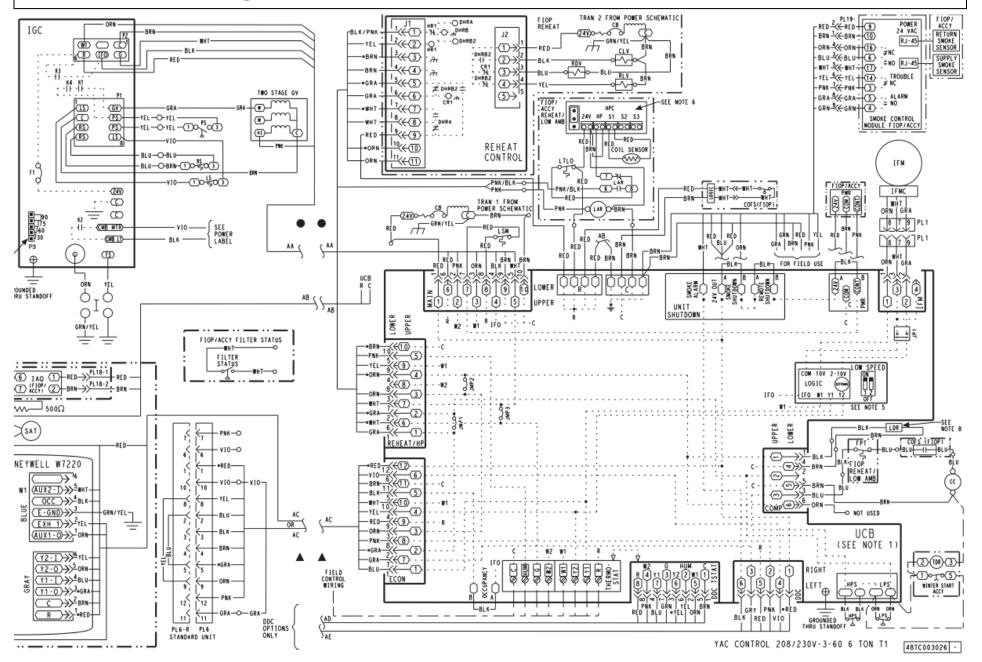
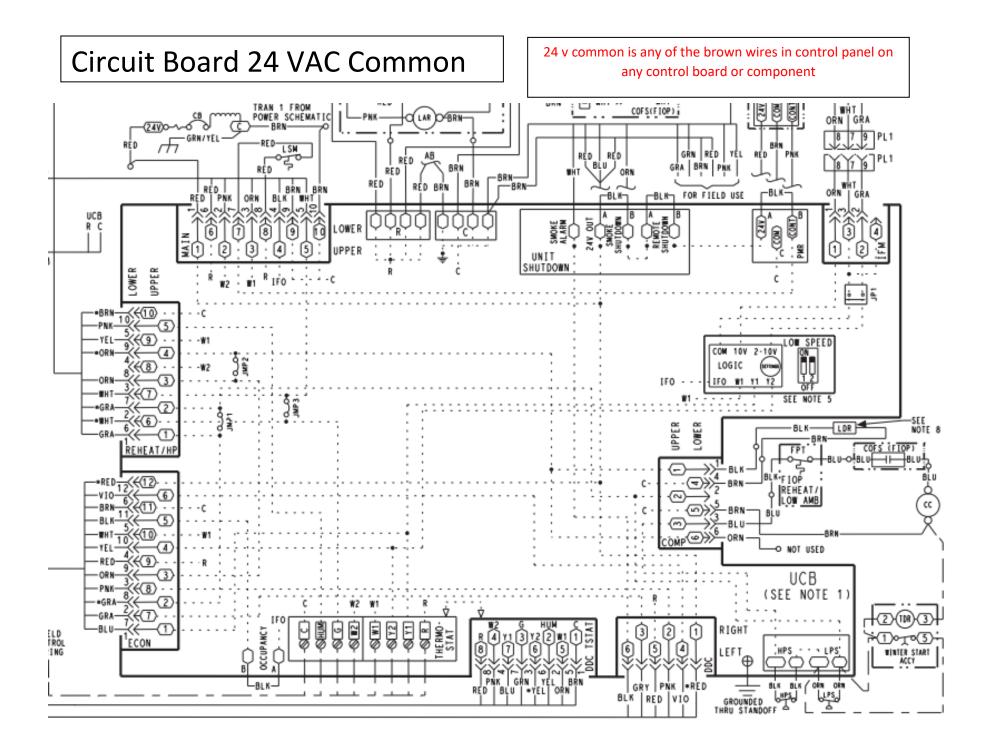
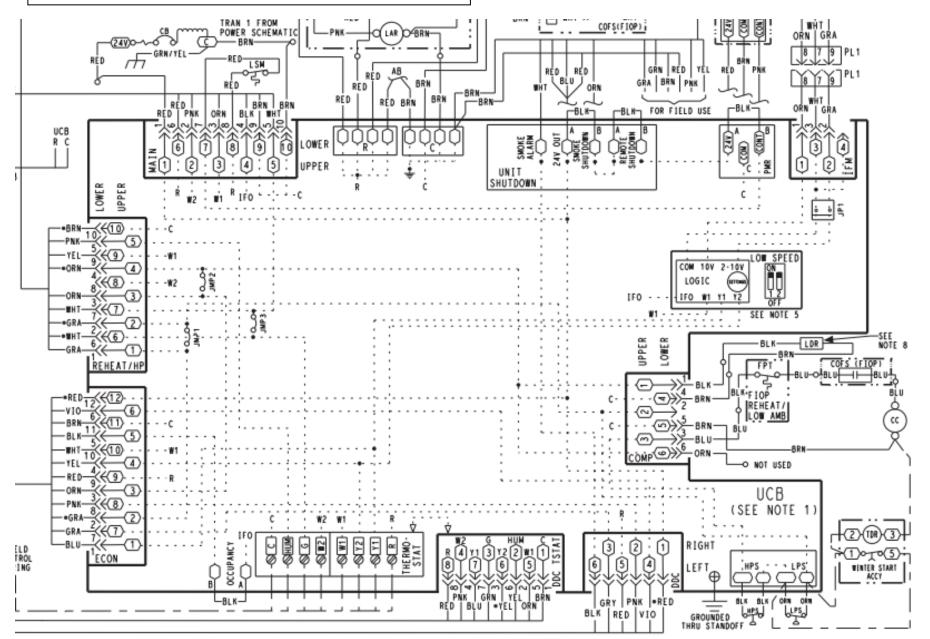
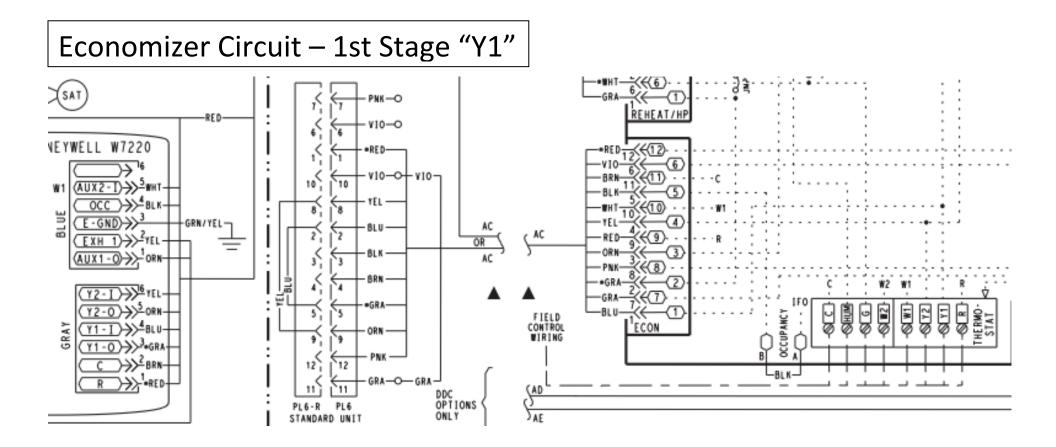
Troubleshooting the HumidiMiZer control Circuit 48FC EcoBlue



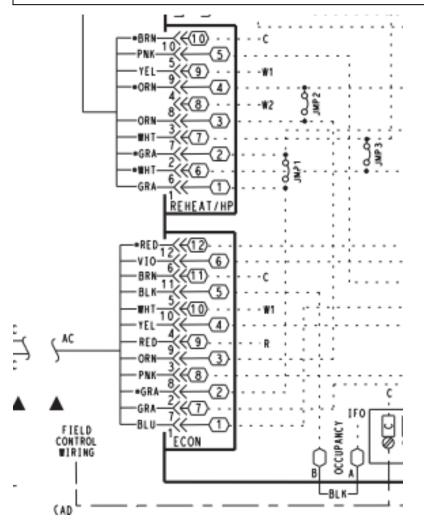


Circuit Board 24 VAC



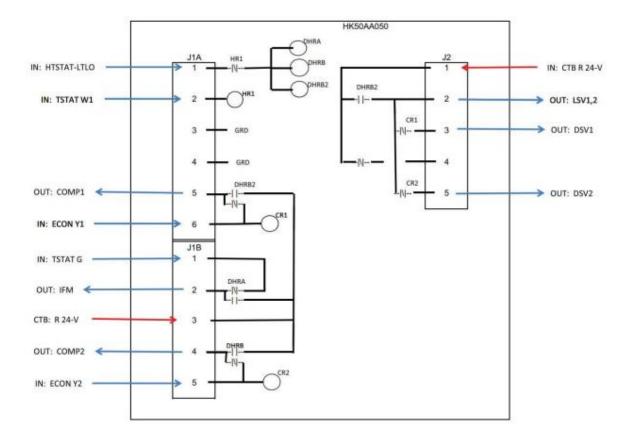


Control Board - Economizer/Reheat Pin - 1st Stage "Y1"



When HumidiMiZer Reheat board is added to a system. Jumper 1, 2 & 3 will be cut and removed.

Reheat Control Board Wiring Schematic

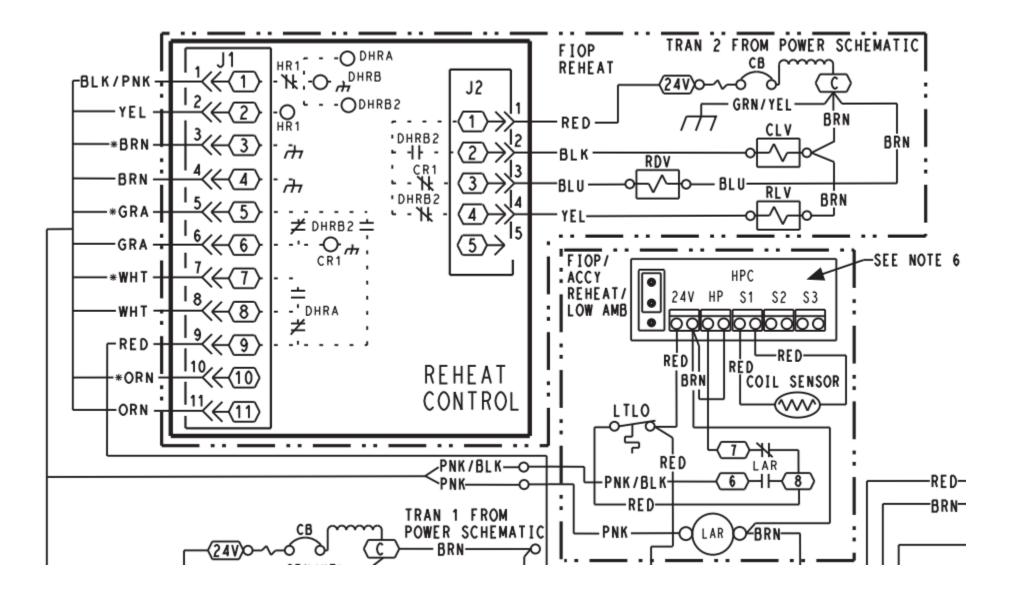


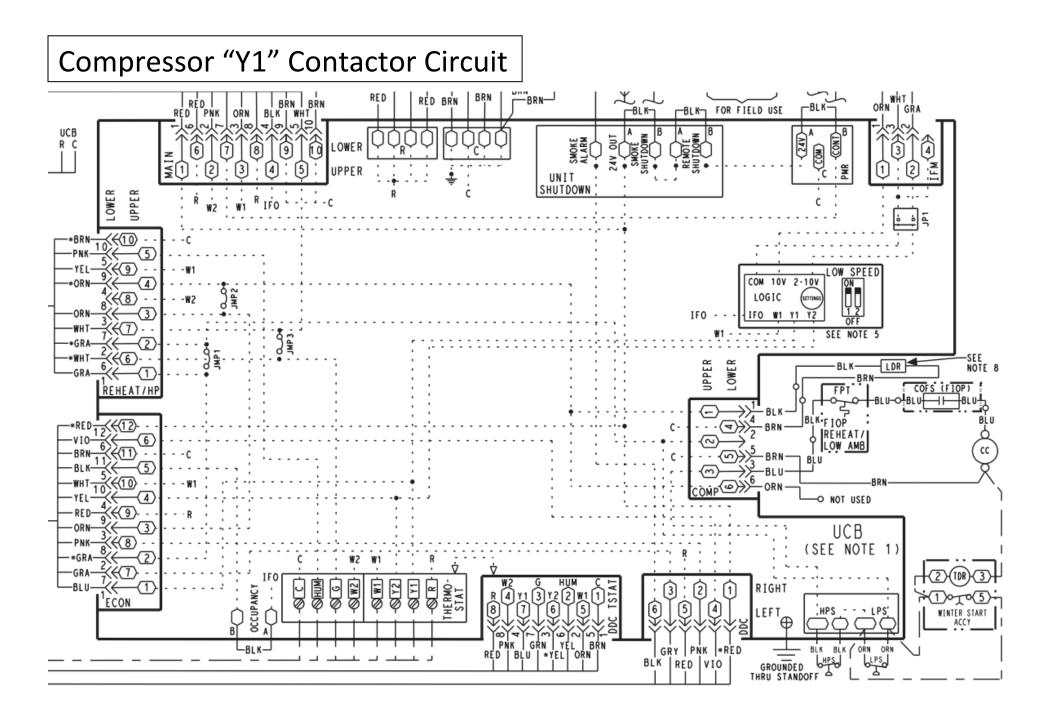
LEGEND

- COMP -- COMPRESSOR
- CR -- COOLING RELAY (24-VDC COIL, COM TO GROUND)
- DHR -- DEHUMIDIFICATION RELAY (24-VDC COIL)
- DSV -- DISCHARGE LINE SOLENOID VALVE
- ECON -- ECONOMIZER
- GRD -- GROUND
- HR -- HEATING RELAY (24-VDC COIL)
- HSTAT HUMIDISTAT
- IFM -- INDOOR/SUPPLY FAN MOTOR
- LSV -- LIQUID (3-WAY) SOLENOID VALVE
- LTLO -- LOW TEMPERATURE LOCKOUT

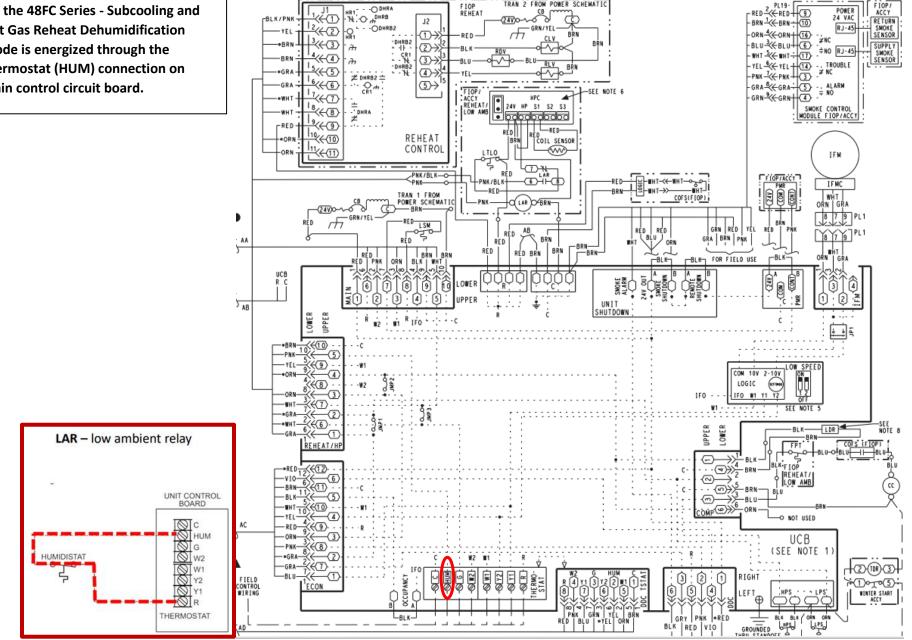
Fig 80 - Robert Control Roard Schematic

Reheat Control Board – Normal Mode (48FC04-06)





On the 48FC Series - Subcooling and **Hot Gas Reheat Dehumidification** Mode is energized through the thermostat (HUM) connection on main control circuit board.

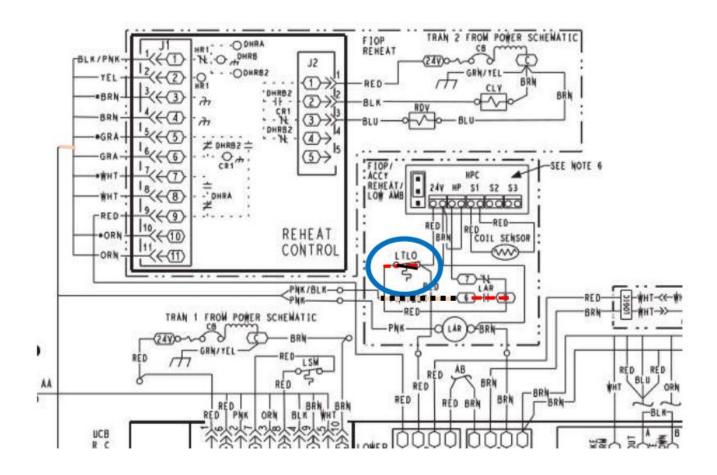


TRAN 2 FROM POWER SCHEMATIC

FIOP/ ACCY

REMEMBER!

Low temp lockout switch locks out subcooling & reheat modes when the OAT < 40 F.



Reheat Control Board – Subcooling Mode

