

TYPICAL WIRING DIAGRAMS

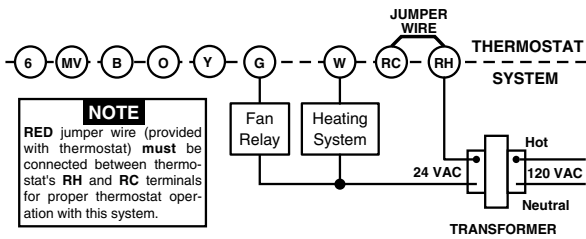


Figure 1. Typical wiring diagram for heat only, 3-wire, single transformer systems

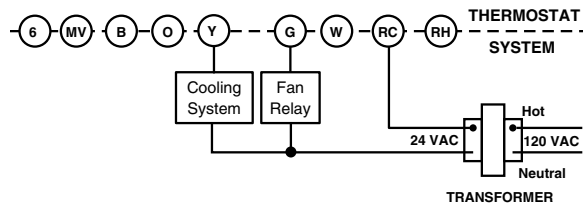


Figure 2. Typical wiring diagram for cool only, 3-wire, single transformer systems

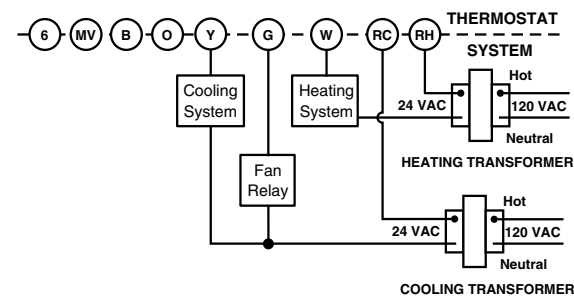


Figure 3. Typical wiring diagram for heat/cool, 5-wire, two-transformer systems

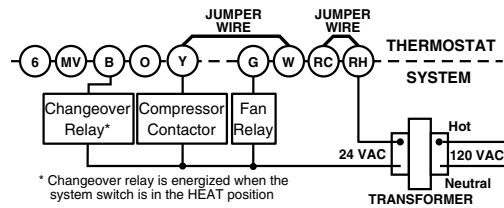


Figure 6. Typical wiring diagram for heat pump with heat active reversing valve

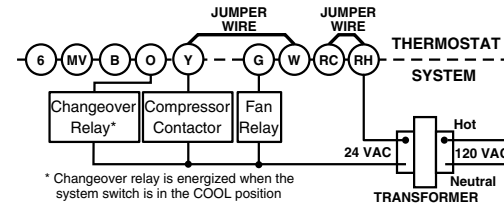


Figure 7. Typical wiring diagram for heat pump with cool active reversing valve

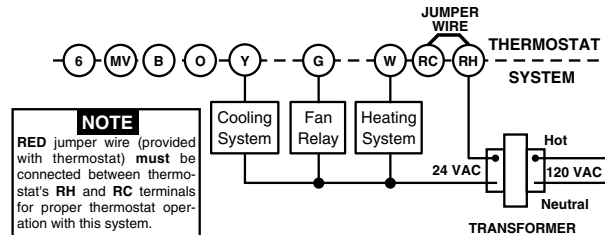


Figure 8. Typical wiring diagram for heat/cool, 4-wire, single transformer systems

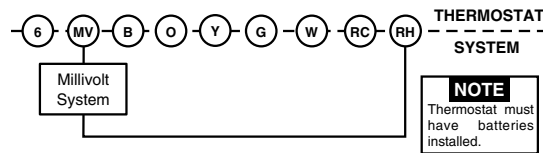


Figure 9. Typical wiring diagram millivolt systems

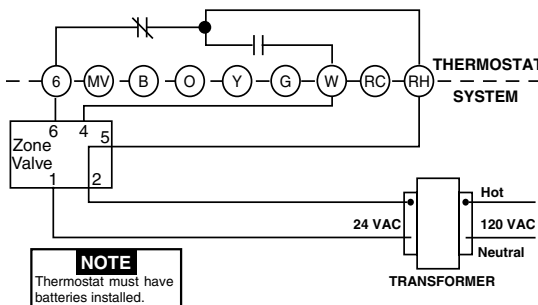
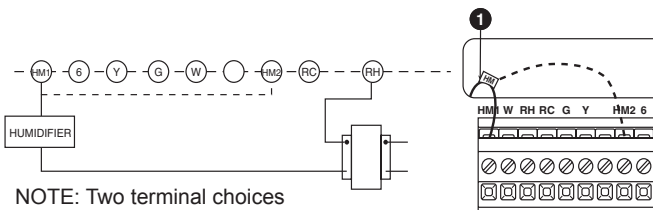


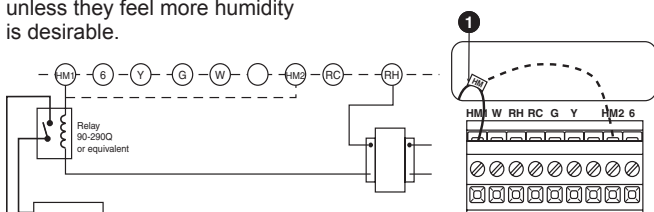
Figure 10. Typical wiring diagram heat only, 3-wire zone valve systems



**NOTE:** Two terminal choices (HM1 or HM2) are provided for humidifier control. When the humidity setting is higher than the room humidity: HM1 turns off the humidifier when the call for heat ends. HM2 powers the humidifier an additional 30 seconds after the call for heat ends to provide slightly more humidity output. Most installers will use HM1 unless they feel more humidity is desirable.

1 From humidity system

Figure 4. Typical wiring diagram for 24V humidifier system



1 From humidity system

Figure 5. Typical wiring diagram for 120V humidifier system