Terminal Designations

Conventional

R	24 VAC Power for Heat
Rc	24 VAC Power for Cool
C	Common 24 VAC from Heat Transformer
Y	Cool Control – stage 1
W	Heat Control – stage 1
G	Fan Control
W2	Heat Control – stage 2
Y2	Cool Control – stage 2
D	Data (Not Used)

Heat Pump

R	24 VAC Power for Heat
Rc	Jumper to Terminal "R"
C	Common 24 VAC
Y	Compressor – stage 1
O/B	(W) Reversing Valve
G	Fan Control
Aux	(W2) Auxiliary/Emergency Heat
Y2	Compressor – stage 2
D	Data (Not Used)

Note: Remove jumper between R & Rc for two Transformer systems.
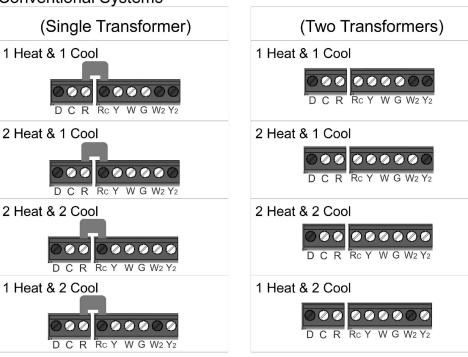
Standard Wire Colors

Most thermostat installations follow standard wire color designations. This should be verified for your installation. These standard colors are:
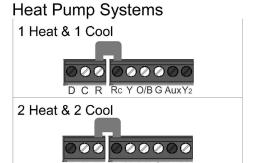
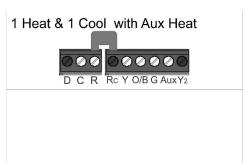| Terminal	Color	Description
R, Rc	Red	24 VAC Power
W	White	Heat Control
G	Green	Fan Control
Y	Yellow	Cool Control
C	Black	24 VAC Common
Y2	Blue or Orange	Cool Control - Stage 2
W2	Varies	Heat Control – Stage 2
Aux	Varies, blue, pink, gray, tan	Auxiliary or Emergency Heat
O/B	Varies, Orange	Reversing Value

Wiring Guide

The follow wire connection guide should be used for your installation. This guide shows the most common configurations. Contact Pelican Wireless Systems for assistance with configurations not shown on this guide.

Conventional Systems

Heat Pump Systems

Configuration

All of the thermostat configuration settings can be made through the Pelican Site Manager Web Application. These can be found under the *Admin* section. Each thermostat will be listed with it's serial number and the label *Thermostat Setup.* Most configuration items can be left at their default setting. For proper operation it is necessary to set the correct System Type (Conventional or Heat Pump). If the Web Application is not yet available, the System Type can be set directly using the thermostat front keypad.

TS200 Internet Programmable Thermostat- Wiring Configurations

SCALE: NTS