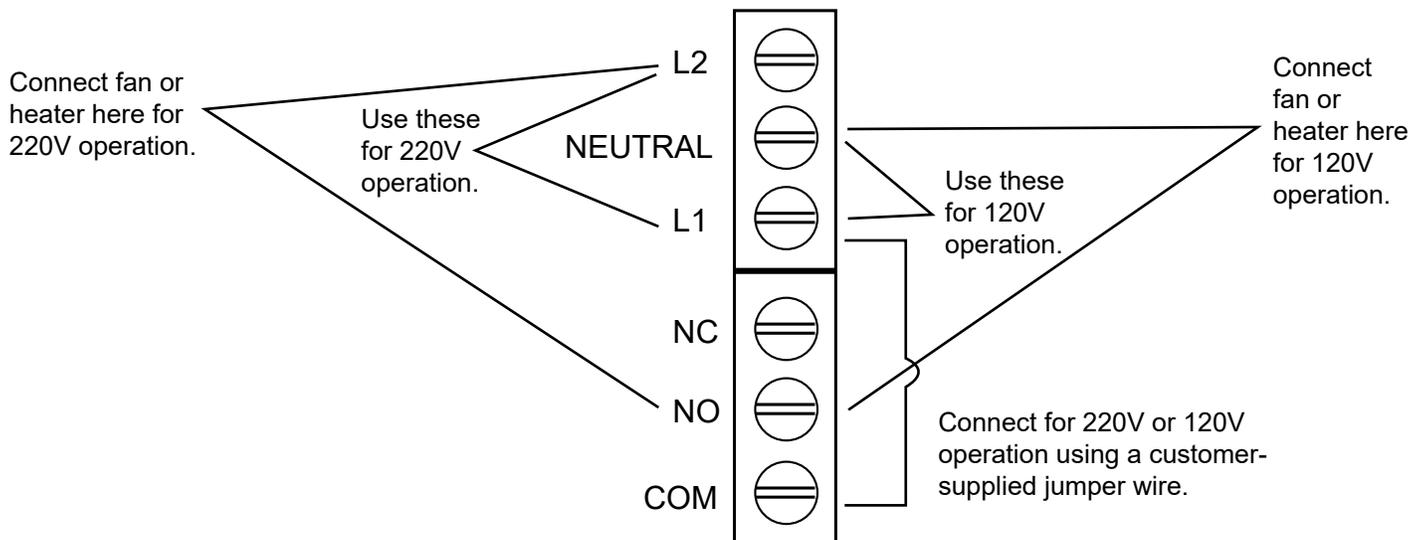


# Durostat Specification: 102720

1. For 120V operation, connect the supply hot to L1 and the supply neutral to NEUTRAL. Connect the hot lead of your fan or heater to NO and the neutral lead of the fan or heater to NEUTRAL. Connect COM to L1 using a customer-supplied jumper wire. (Please note that the relay switches COM to the NO and NC outputs.)
2. For 220V operation, connect the supply between L1 and L2. Connect your fan or heater between NO and L2. Connect COM to L1 using a customer-supplied jumper wire. (Please note that the relay switches COM to the NO and NC outputs.)
3. The COM, NO, and NC connections may be used to control voltages not connected to the AC line.
4. From the factory, the thermostat will power up in the off state (blank display). If a power failure occurs, the thermostat will retain its current settings (set point, mode and differential). After power is restored, the thermostat will power up in the same state it was in prior to the interruption.
5. Press the mode switch once to turn the thermostat on. In this mode, the ambient temperature will be displayed and the relay will switch on and off according to the set point.
6. Press the mode switch again. If the relay was on it will toggle off while adjustments are being made (step 6 through step 9). "°F" or "°C" will be displayed indicating that the unit will display the temperature in degrees Fahrenheit or Celsius. Press the down switch to select Celsius or press the up switch to select Fahrenheit.
7. Press the mode switch again. "Hot" or "Cld" will be displayed indicating whether the unit is set up for heating or cooling. Press the down switch to select cooling. The set point will be reset to the default cool set point of 40°F/4°C. Press the up switch to select heating. The set point will be reset to the default hot set point of 80°F/27°C.
8. Press the mode switch again. "SP" will be displayed for a second followed by the current set point. Press the down switch to decrease the set point. The minimum is -50°F/-46°C. Press the up switch to increase the set point. The maximum is 212°F/100°C.
9. Press the mode switch again. "dif" will be displayed for a second followed by the temperature differential. Use the up and down buttons to adjust the differential. The range is 1° to 30°C/F. In cooling mode, the device will turn on when the temperature exceeds the set point plus differential, and turn off when the temperature is at or below the set point. In heating mode, the device will turn on when the temperature is lower than the set point plus differential, and turn off when the temperature is above the set point.
10. Press the mode switch again to return to the off state.



Revision date: 10.07.14

