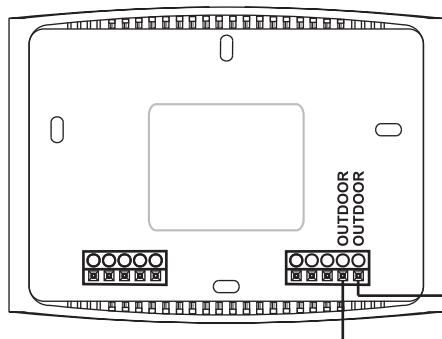


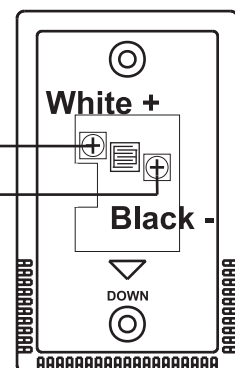
**VENSTAR®****Air Temperature Sensor****ACC-TSEN**

The Air Temperature Sensor measures indoor or outdoor air temperature with a range of -20 to 120 degrees F. If used indoors as a remote temperature sensor, the sensor will read room temperature and send the information to the thermostat. If used as an outdoor temperature sensor, the sensor may be used to provide outdoor temperature information (which is not used to control heating or cooling). The Air Temperature Sensor should be mounted out of direct sunlight and in a place that is protected from direct rain and snow. Mounting the sensor under an eave of a roof or under an overhang of a building is recommended.

Use 18 - 22 gauge 2 conductor unshielded thermostat wire. Wire length not to exceed 200 feet.

**Thermostat Backplate**

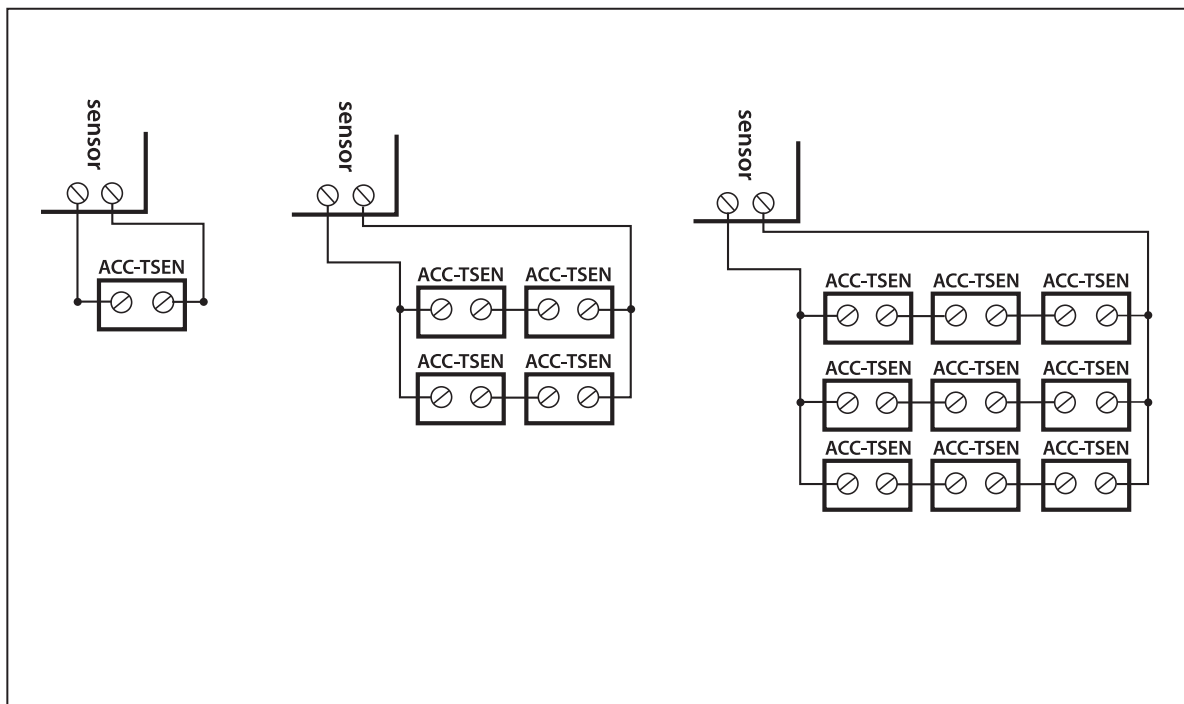
White +  
Black -

**Air Temperature Sensor**

Connect to the thermostat backplate as shown

Connect to the Air Temperature Sensor as shown

## AVERAGING MULTIPLE ACC-TSEN SENSORS



### Air Temperature vs. Sensor Resistance

Air Temperature		Resistance in Ohms
°F	°C	
-20	-28.9	106926
-10	-23.3	80485
0	-17.8	61246
10	-12.2	47092
20	-6.7	36519
30	-1.1	28558
40	4.4	22537
50	10	17926
60	15.6	14356
70	21.1	11578
80	26.7	9398
90	32.2	7672
100	37.8	6301
110	43.3	5203
120	48.9	4317