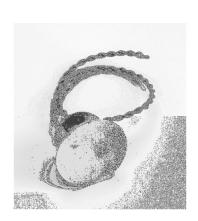


# SPECIFICATION SHEET TEMPERATURE SENSOR

Aprilaire Sensors offer the ultimate flexibility in remote sensing of the 8570 or 8870 thermostats. The temperature reading from these sensors may be used to monitor a remote temperature or to override the temperature taken at the thermostat.



### 8051- Flush Mount Sensor

- Provides a virtually invisible appearance on wall.
- May be painted or wallpapered to match wall.
- Ideal for Residential or light commercial applications where customer requires nothing to be seen on the wall
- 1 ½" Diameter Disk. Friction fit in a 1" opening. Air gap of 1/64" required.



## 8052- Outdoor / Duct Sensor

- Designed for outdoor or duct installation
- Bracket can be removed to allow probe to be installed in radiant flow applications.
- Compatible with both Residential or Light Commercial applications
- Probe Measures 1/4" Dia.
  X 1 <sup>3</sup>/<sub>4</sub>" L. Bracket
  Measures <sup>3</sup>/<sub>4</sub>" X <sup>3</sup>/<sub>4</sub>".



#### 8053- Surface Mount Sensor

- Designed for indoor installation
- Perfect for light commercial applications to prevent tampering
- 2 ½" H X 3 ½" W X 7/8" D

# **Specifications:**

Voltage: 24 VAC ±10%

Resistance @  $25 \,^{\circ}$ C (77  $^{\circ}$ F): 10 k $\Omega$ Tolerance @  $25 \,^{\circ}$ C (77  $^{\circ}$ F):  $\pm 3 \,^{\circ}$ Maximum Wire Length: 300 Feet

- Avoid installing wire along High Voltage (120 VAC)
- 8570 does not require additional support module
- 8870 requires 8061 or 8062 for use of these sensors

Temperature (°F)	Resistance (kΩ)
30	34.6
40	26.1
50	19.9
60	15.3
70	11.9
80	9.4
90	7.4
100	5.9