

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 ¾" L. Bracket Measures ¾" X ¾".



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 $\pm 10\%$
 Resistance @ 25°C (77°F): 10 kΩ
 Tolerance @ 25°C (77°F): $\pm 3\%$
 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