

Model 8057

Duct Temperature Sensor

SPECIFICATIONS

Thermistor sensor	+/- 0.2 C interchangeability @ 77°F/ 25°C
Operating Temp	-40°F/-40°C to 210°F/100°C
Ambient Temp	-40°F/-40°C to 160°F/70°C
Voltage	24 VAC ±10%
Resistance @ 25C (77F)	10KΩ
Tolerance @ 25C (77F)	±3%
Maximum Wire Length	300 Feet

PRINCIPLE OF OPERATION

- Avoid installing wire along high voltage (120 VAC)
- Allows direct connection of temperature sensor to 6200, 6300 and 6400 series zone panels
- Quick and easy installation
- Rugged and reliable design for use in supply plenums

APPLICATION

The Model 8057 is an ideal product for a rugged, reliable, quick and easy installation.

FEATURES

Probe Material	1/4" / 6.3 mm O.D, 0.020" / 0.5 mm wall 304 Stainless Steel
Probe Length	6 in/150 mm
Flange Material	Galvanized Steel
Flange Mount	6 in/175 mm Wireleads
NTC Thermistor	10,000ohm (Type II)
Warranty	5 Years (Lifetime on Moisture Migration)

TEMPERATURE (°F)

RESISTANCE (KΩ)

TEMPERATURE (°F)	RESISTANCE (KΩ)
40	26.1
50	19.9
60	15.3
70	11.9
80	9.4
90	7.4
100	5.9
110	4.7
120	3.8
130	3.0
140	2.5
150	2.9
160	1.7
170	1.4

