

# ULTRA-ZONE®

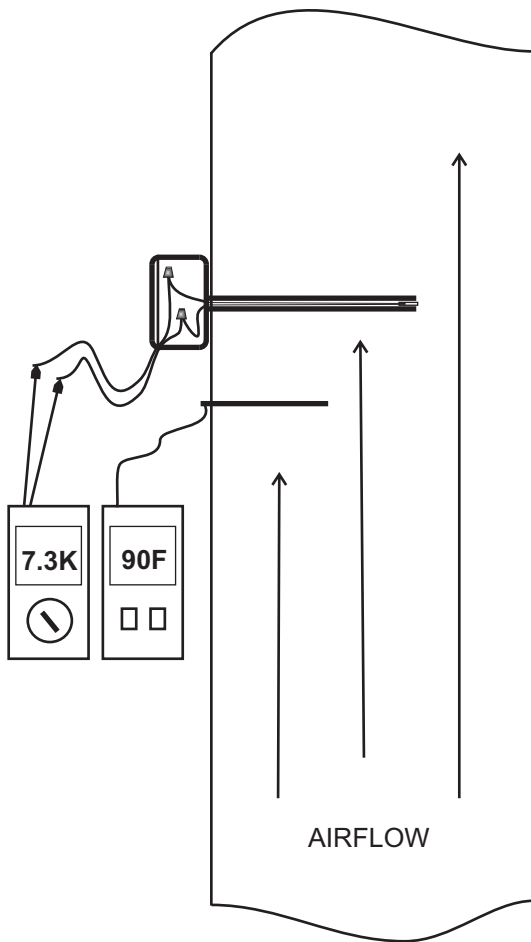
Forced Air Zone Controls

Model SAS  
(Supply Air Sensor)

*The "SAS" is constructed of UV stabilized Poly Carbonate Plastic box with a seamless aluminum tubing frame and an accurate thermistor with 12" wire leads. The unique construction provides a thermal barrier between the temperature probe and the duct work allowing precise air temperature measurements.*

To test an SAS, you need an ohmmeter. Disconnect both of the wire leads from the zone control panel and refer to the chart below.

At (75F) temperature, the ohm reading across an SAS will be approximately 10.5K ohms (10,500 ohms). Compare the SAS resistance against the table provided below. You should measure a resistance value + or - 3% of the table value. You can also place a separate temperature probe of known accuracy in the same location as the SAS and compare the temperature values.



TEMPERATURE (F)	RESISTANCE/OHMS	TEMPERATURE (F)	RESISTANCE/OHMS
45	22767	100	5826
50	19903	105	5208
55	17438	110	4663
60	15313	115	4182
65	13475	120	3757
70	11884	125	3381
75	10501	130	3047
80	9298	135	2751
85	8249	140	2487
90	7333	145	2252
95	6530	150	2042