

Description

The purpose of the 207-TSA Simulator is to simulate exact temperatures in reference to the setpoint. This makes adjustments possible in any ambient temperature conditions.

It is recommended that the Simulator be used with any controller which has a 207 Series thermostat as an input.

Wiring and Calibration

Connect as follows:

1. Disconnect 207 thermostat and,

2. Direct Acting

Connect as follows for temperatures above setpoint:

<u>Simulator</u>		<u>VAV Controller</u>
RED Lead	to	RED Terminal
BLACK Lead	to	BLK Terminal
YELLOW Lead	to	YEL Terminal

<u>Scale (°F)</u>	<u>Volts</u>
SP	10.00
1°	9.90
2°	9.80
2.3°	9.77
3°	9.67
5°	9.46
10°	8.91
17°	8.15

3. Reverse Acting

Connect as follows for temperatures below setpoint:

<u>Simulator</u>		<u>VAV controller</u>
BLACK lead	to	BLK terminal
RED lead	to	YEL terminal
YELLOW lead	to	RED terminal

<u>Scale (°F)</u>	<u>Volts</u>
SP	10.00
1°	10.11
2°	10.22
3°	10.33
5°	10.55
10°	11.09
17°	11.85