

degF



Johnson Controls, Inc

RTD Calibration

JADEC: RTD PANEL CRAH-001

Channel: WRTD_007

Sensor S/N: CRAH_RTD_07

Range: 20.00 to 195.00 degF

Calibration Date: 3/14/2023

Due Date: 09/14/2023

Technician: Rob Deeter

Standard S/N: 13250 19696+5458M-08

Standard Description: ASL F250

Stimulus S/N: B85202

Stimulus Description: Hart Bath

Ambient Temperature: 72.0 F

Relative Humidity: 40.0 %

Manager: Corey King

Calibration File:

No. of Observations: 6

Degree of Polynomial: 2

Formula: Corrected = a(0) + a(1) * Device + a(2) * Device^2

a(0): (-408.8657272691)

a(1): (4.2197743785)

a(2): (0.0018826970)

a(3)

Device (degF)	Standard (degF)	Corrected (degF)	Standard - Corrected (degF)	Residual (degF)	Residual Error (%)
97.405175	20.019000	20.024727	-0.005727	0.005727	0.028607
105.011983	55.033000	55.022620	0.010380	0.010380	0.018861
112.573444	90.027000	90.027813	-0.000813	0.000813	0.000903
120.093591	125.053000	125.055273	-0.002273	0.002273	0.001818
127.565065	160.061000	160.066903	-0.005903	0.005903	0.003688
134.993168	195.088000	195.083664	0.004336	0.004336	0.002223

Residual Error (%)

0.028607 %

Maximum Residual (degF)

0.010380 degF

Standard (degF)

55.033000 degF

Corrected (degF)

55.022620 degF

Maximum Error: 0.010380 degF

Allowable Maximum Error: 0.200000 degF

Status: PASSED