

degF



Johnson Controls, Inc

RTD Calibration

JADEC: RTD PANEL CRAH-001

Channel: WRTD_004

Sensor S/N: CRAH_RTD_04

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): (-408.6660401556)

a(1): (4.2206487291)

a(2): (0.0018810753)

a(3)

| Device (degF) | Standard (degF) | Corrected (degF) | Standard - Corrected (degF) | Residual (degF) | Residual Error (%) |
|---------------|-----------------|------------------|-----------------------------|-----------------|--------------------|
| 97.346074 | 20.019000 | 20.023099 | -0.004099 | 0.004099 | 0.020475 |
| 104.953130 | 55.033000 | 55.024600 | 0.008400 | 0.008400 | 0.015264 |
| 112.514429 | 90.027000 | 90.031309 | -0.004309 | 0.004309 | 0.004786 |
| 120.032101 | 125.053000 | 125.049274 | 0.003726 | 0.003726 | 0.002980 |
| 127.504836 | 160.061000 | 160.068635 | -0.007635 | 0.007635 | 0.004770 |
| 134.932313 | 195.088000 | 195.084084 | 0.003916 | 0.003916 | 0.002007 |

Residual Error (%)

0.020475 %

Maximum Residual (degF)

0.008400 degF

Standard (degF)

55.033000 degF

Corrected (degF)

55.024600 degF

Maximum Error: 0.008400 degF

Allowable Maximum Error: 0.200000 degF

Status: PASSED