

degF



Johnson Controls, Inc

RTD Calibration

JADEC: RTD Panel CRAH-001

**Channel:** WRTD\_002

**Sensor S/N:** CRAH\_RTD\_02

**Range:** 20.00 to 195.00 degF

**Calibration Date:** 9/18/2024

**Due Date:** 03/18/2025

**Technician:** Rob Deeter

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

**Standard Description:** ASL F250

**Stimulus S/N:** C24227

**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): (-410.0469946083)      a(1): (4.2391325812)      a(2): (0.0018151502)      a(3)

Device (degF)	Standard (degF)	Corrected (degF)	Standard - Corrected (degF)	Residual (degF)	Residual Error (%)
97.375836	19.945000	19.953436	-0.008436	0.008436	0.042295
104.975140	54.976000	54.959098	0.016902	0.016902	0.030745
112.529433	89.962000	89.965208	-0.003208	0.003208	0.003566
120.038502	124.960000	124.967069	-0.007069	0.007069	0.005657
127.503344	159.964000	159.965669	-0.001669	0.001669	0.001043
134.927154	194.976000	194.972521	0.003479	0.003479	0.001784

**Residual Error (%)**

0.042295 %

**Maximum Residual ( degF)**

0.016902 degF

**Standard ( degF)**

54.976000 degF

**Corrected (degF)**

54.959098 degF

**Maximum Error:** 0.016902 degF

**Allowable Maximum Error:** 0.200000 degF

**Status:**

PASSED