

degF



Johnson Controls, Inc

RTD Calibration

JADEC: RTD Panel CRAH-001

**Channel:** WRTD\_003

**Sensor S/N:** CRAH\_RTD\_03

**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): (-409.2070847417)      a(1): (4.2290129238)      a(2): (0.0018384031)      a(3)

Device (degF)	Standard (degF)	Corrected (degF)	Standard - Corrected (degF)	Residual (degF)	Residual Error (%)
97.359376	19.945000	19.952918	-0.007918	0.007918	0.039700
104.967872	54.976000	54.959395	0.016605	0.016605	0.030204
112.530797	89.962000	89.967140	-0.005140	0.005140	0.005713
120.046512	124.960000	124.964696	-0.004696	0.004696	0.003758
127.518820	159.964000	159.966017	-0.002017	0.002017	0.001261
134.948845	194.976000	194.972834	0.003166	0.003166	0.001624

**Residual Error (%)**

0.039700 %

**Maximum Residual ( degF)**

0.016605 degF

**Standard ( degF)**

54.976000 degF

**Corrected (degF)**

54.959395 degF

**Maximum Error:** 0.016605 degF

**Allowable Maximum Error:** 0.200000 degF

**Status:** **PASSED**