

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:** 9/26/2023

**Due Date:** 03/26/2024

**Technician:** Spencer Converse

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

**Standard Description:** ASL F250

**Stimulus S/N:** B91207

**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):** (-411.5831143570)

**a(1):** (4.2683735456)

**a(2):** (0.0016870448)

**a(3):**

Device (degF)	Standard (degF)	Corrected (degF)	Standard - Corrected (degF)	Residual (degF)	Residual Error (%)
97.351174	19.909000	19.936609	-0.027609	0.027609	0.138674
104.947860	55.003000	54.954756	0.048244	0.048244	0.087711
112.504627	89.987000	89.982076	0.004924	0.004924	0.005471
120.021334	124.988000	125.014856	-0.026856	0.026856	0.021487
127.490312	159.998000	160.014015	-0.016015	0.016015	0.010010
134.919763	195.032000	195.014687	0.017313	0.017313	0.008877

**Residual Error (%)**

0.138674 %

**Maximum Residual ( degF)**

0.048244 degF

**Standard ( degF)**

55.003000 degF

**Corrected (degF)**

54.954756 degF

**Maximum Error:** 0.048244 degF

**Allowable Maximum Error:** 0.200000 degF

**Status:**

PASSED