

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:** 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):** (-408.9327125222)

**a(1):** (4.2228674229)

**a(2):** (0.0018669842)

**a(3):**

Device (degF)	Standard (degF)	Corrected (degF)	Standard - Corrected (degF)	Residual (degF)	Residual Error (%)
97.369752	19.945000	19.947473	-0.002473	0.002473	0.012399
104.982275	54.976000	54.970068	0.005932	0.005932	0.010789
112.542366	89.962000	89.965597	-0.003597	0.003597	0.003999
120.056523	124.960000	124.959972	0.000028	0.000028	0.000022
127.528001	159.964000	159.964622	-0.000622	0.000622	0.000389
134.956650	194.976000	194.975267	0.000733	0.000733	0.000376

**Residual Error (%)**

0.012399 %

**Maximum Residual ( degF)**

0.005932 degF

**Standard ( degF)**

54.976000 degF

**Corrected (degF)**

54.970068 degF

**Maximum Error:** 0.005932 degF

**Allowable Maximum Error:** 0.200000 degF

**Status:**

PASSED