

degF



Johnson Controls, Inc

RTD Calibration

JADEC: RTD Panel CRAH-001

**Channel:** WRTD\_001

**Sensor S/N:** CRAH\_RTD\_01

**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):** (-413.4819992080)

**a(1):** (4.2950551931)

**a(2):** (0.0015894792)

**a(3):**

Device (degF)	Standard (degF)	Corrected (degF)	Standard - Corrected (degF)	Residual (degF)	Residual Error (%)
97.401464	19.909000	19.942125	-0.033125	0.033125	0.166384
104.983112	55.003000	54.944633	0.058367	0.058367	0.106117
112.533422	89.987000	89.984060	0.002940	0.002940	0.003267
120.043035	124.988000	125.014382	-0.026382	0.026382	0.021107
127.509669	159.998000	160.021957	-0.023957	0.023957	0.014973
134.934619	195.032000	195.009843	0.022157	0.022157	0.011361

**Residual Error (%)**

0.166384 %

**Maximum Residual ( degF)**

0.058367 degF

**Standard ( degF)**

55.003000 degF

**Corrected (degF)**

54.944633 degF

**Maximum Error:** 0.058367 degF

**Allowable Maximum Error:** 0.200000 degF

**Status:** **PASSED**