

degF



Johnson Controls, Inc

RTD Calibration

JADEC: RTD Panel CRAH-001

| | | | |
|-------------------|----------------------|-----------------------|----------------------|
| Channel: | WRTD_004 | Standard S/N: | 13250 19696+5458M-08 |
| Sensor S/N: | CRAH_RTD_04 | Standard Description: | ASL F250 |
| Range: | 20.00 to 195.00 degF | Stimulus S/N: | C24227 |
| Calibration Date: | 4/2/2024 | Stimulus Description: | Hart Bath |
| Due Date: | 10/02/2024 | Ambient Temperature: | 72.0 F |
| Technician: | Rob Deeter | 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): | (-409.2310607579) | a(1): | (4.2311544738) | a(2): | (0.0018317579) | a(3) | |

| Device (degF) | Standard (degF) | Corrected (degF) | Standard - Corrected (degF) | Residual (degF) | Residual Error (%) |
|---------------|-----------------|------------------|-----------------------------|-----------------|--------------------|
| 97.342600 | 19.995000 | 19.997489 | -0.002489 | 0.002489 | 0.012447 |
| 104.945891 | 54.990000 | 54.985538 | 0.004462 | 0.004462 | 0.008114 |
| 112.503618 | 89.973000 | 89.973803 | -0.000803 | 0.000803 | 0.000893 |
| 120.017886 | 124.969000 | 124.968332 | 0.000668 | 0.000668 | 0.000534 |
| 127.488225 | 159.959000 | 159.963328 | -0.004328 | 0.004328 | 0.002706 |
| 134.918090 | 194.974000 | 194.971509 | 0.002491 | 0.002491 | 0.001277 |

| | | | |
|--------------------------|--------------------------|------------------|------------------|
| Residual Error (%) | Maximum Residual (degF) | Standard (degF) | Corrected (degF) |
| 0.012447 % | 0.004462 degF | 54.990000 degF | 54.985538 degF |
| Maximum Error: | 0.004462 degF | | |
| Allowable Maximum Error: | 0.200000 degF | Status: | PASSED |