

INSTRUMENT CALIBRATION LIST

INSTRUMENT	MANUFACTURER	MODEL / SERIAL #	CALIBRATION DATE	CALIBRATION DUE DATE
Volt Meter	Amprobe	AMP-220 / 240100732	8/5/2024	8/5/2025
Surface Temp Probe	Evergreen Telemetry	T-2 / 2100198	2/19/2025	2/19/2025
Humidity Sensor	Evergreen Telemetry	TH-1 / 2500134	2/13/2025	2/13/2026
Photo Tach	Extech	461825 / H479927	8/5/2024	8/5/2025
Module Sensor	Evergreen	MS-T&H-101 / 2100148B	2/19/2025	2/19/2026
Humidity Sensor	Evergreen Telemetry	PR-TH-12 / 2300111	2/12/2025	2/12/2026
Immersion Temp Probe	Evergreen Telemetry	PR-T-4-6 / 2100279	2/19/2025	2/19/2026
Pressure Module	Evergreen Telemetry	S-PVF-1 / 2100570C	2/19/2025	2/19/2026

Hoover Instrument Service, Inc.
 401 North Home Road
 Mansfield, Ohio 44906-2398
 (419) 529-3226 Fax(419) 529-9360

To: **Airflow Pros**
 1001 Eastwind Drive - Suite 203
 Westerville, OH 43081

Test Report # 64950
 P.O.# _____
 Date: 8/5/24

Condition as Received Returned In Tolerance Out of Tolerance Data on Next Sheet

Make:	Amprobe	Hoover		Customer		Hoover		Customer	
		DCV	ACV	Resistance	DCV	ACV	Resistance		
Description:	ac/dc clamp-on	50.00	49.9	50.00	49.9	100.0	100.0	100.0	100.0
Model #	AMP-220	100.0	99.9	100.0	99.9	1.000 K	0.999 K	10.000 K	10.00 K
Mfg Serial #	240100732	150.0	149.9	150.0	149.9	10.000 K	10.00 K		
		250.0	249.9	250.0	250.0				
		500.0	499.9	500.0	499.9				

Customer #	RH %	Temperature	DCA		ACA	
			DCV	ACA	DCV	ACA
	49	23 °C	25.0	24.92	25.0	25.02
Accuracy:			50.0	49.97	50.0	50.08
			75.0	74.6	75.0	75.0
			100.0	99.7	100.0	100.2
			200.0	199.6	200.0	201.0
			300.0	299.2	300.0	300.5
			400.0	399.6	400.0	400.8
			500.0	500.3	500.0	501.5
Accuracy of Standard:						
			acv = +/- 1%	+/- 5d	dcv = +/- 0.03%	
			aca = +/- 1.8%	+/- 5d	dca = +/- 0.3%	
			dcv = +/- 1%	+/- 5d	res. = +/- 0.1%	
			dca = +/- 2%	+/- 5d		
			res = +/- 1%	+/- 5d		

- Services Performed:
- Cleaned
 - Movement Repaired
 - Pointer Repaired
 - Reset Pointer
 - Zero Adjusted
 - Adjust Calibration
 - Repaired
 - Batteries
 - Calibration Location On Site

Test Instruments Used: **Amprobe #BDM40-UA s/n 07110052**
Shallcross #830 s/n 21107

Due Date: 12/24
4/25

Notes: _____

Calibration Procedure: **5075-33** Revision: **0**

Calibration Cycle: **1 year**

Tested By: [Signature] Quality Control: [Signature]



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry			Calibration Environment		
Temperature Product		Module	Probe	Temperature	74	°F
Model			PR-T-2	Rel. Humidity	20	%
SN			2100198	Bar. Pressure	28.8	in Hg

As Found
 As Left
 In Tolerance
 Out of Tolerance

Calibration Data

Measurement Variable	Test Point	Cal Standard	Allowable Range		Test Instrument
			Min	Max	
Cal Lab Module & Test Probe	Spec				
Temperature (°F)	1	75.5	-0.3	+0.3	75.4
	2	242.5	-2.6	+2.6	243.0
	3	-43.3	-1.6	+1.6	-44.0

Indicates out of tolerance condition -----↑

Calibration Standard SN & Dates

Variable	System ID	Calibration Last	Calibration Due
Temperature	16320239	12-Sep-23	12-Sep-25
Temperature	21396189	5-Feb-24	5-Feb-26

This instrument has been checked for accuracy, calibrated to manufacturer's specifications, and found to be within the specified tolerance unless otherwise stated. It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

 Calibrated By

19-Feb-2025 19-Feb-2027
 Calibration Date Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Product	Humidity Sensor	Temperature	73	°F
Model	PR-TH-1	Rel. Humidity	21	%
SN	2500134	Bar. Pressure	28.8	in Hg

As Found
 As Left
 In Tolerance
 Out of Tolerance

Calibration Data

Measurement Variable	Test Point	Cal Standard	Allowable Range		Test Instrument
			Min	Max	
Temperature (°F)	Spec				
	1	40.4	-1.0	1.0	40.0
	2	75.2	-1.0	1.0	75.4
	3	86.0	-1.0	1.0	86.0
	4	128.8	-2.0	2.0	128.9
Barometric Pressure (in Hg)	Spec		-2% - 0.1	+ 2% + 0.1	
	1	20.0			20.0
	2	28.8			28.8
	3	33.0			33.0
Humidity %RH 10 to 90%	Spec		-3	3	
	1	10.7			10.8
	2	23.8			25.0
	3	69.0			69.4
	4	89.3			90.1

Indicates out of tolerance condition -----↑

Calibration Standard

Variable	System ID	Calibration Last	Calibration Due
Temperature	16320239	12-Sep-23	12-Sep-25
Temperature	21396189	5-Feb-24	5-Feb-26
Pressure	2205000006	13-Sep-23	13-Sep-25
Pressure	1208000080	13-Feb-23	13-Feb-25
Humidity	20558772	18-Sep-24	18-Sep-25
Humidity	20052171	5-Feb-24	5-May-25

This instrument has been checked for accuracy, calibrated to manufacturer's specifications, and found to be within the specified tolerance unless otherwise stated. It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

Temperature accuracy (dry bulb) varies across the operating range:

Temperature over 32-100F +/- 1.0 F
 Temperature over 100-158F +/- 2.0 F

Julie Secor

Calibrated By

13-Feb-2025 13-Feb-2026
 Calibration Date Date Due

Hoover Instrument Service, Inc.
 401 North Home Road
 Mansfield, Ohio 44906-2398
 (419) 529-3226 Fax(419) 529-9360

To: **Airflow Pros**
1001 Eastwind Drive - Suite 203
Westerville, OH 43081

Test Report # 64952
 P.O.# _____
 Date: 8/15/24

Condition as Received Returned In Tolerance Out of Tolerance Data on Next Sheet

Make:	Hoover	Customer	Hoover		Customer	
			RPM	RPM	RPM	RPM
Extech			Photo-Tach		Stroboscope	
Description: stroboscope / photo-tach			300.0	300.0	300.0	300.0
Model # 461825			600.0	600.0	600.0	599.9
Mfg Serial # H 479927			900.0	900.0	900.0	900.1
Customer # _____			1800	1800	1800	1800
RH % 49 Temperature: 23 °C			3600	3600	3600	3600
Accuracy: +/- 0.1 RPM +/- 2d			7200	7200	7200	7200
Accuracy of Standard: strobe = +/- 0.05% photo = +/- 0.0008%						

Services Performed:

- Cleaned
- Zero Adjusted
- Movement Repaired
- Adjust Calibration
- Pointer Repaired
- Repaired
- Reset Pointer
- Batteries
- Calibration Location On Site

Test Instruments Used:

Altek	#40A	s/n 195587
Sperry	#TACH-1	s/n L301594

Due Date:

8/24
4/25

Notes:

Calibration Procedure: **5023-2**

Revision: **1**

Calibration Cycle: **1 year**

Tested By: 

Quality Control: 



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Temperature Product	Module Sensor	Temperature	74	°F
Model	MS - T&H - 101	Rel. Humidity	20	%
SN	2100148B	Bar. Pressure	28.8	in Hg

As Found
 As Left
 In Tolerance
 Out of Tolerance

Calibration Data

Measurement Variable	Test Point	Cal Standard	Allowable Range		Test Instrument	
			Min	Max		
Cal Lab Probe & Test Module	Spec					
Temperature (°F)	1	75.5	-0.3	+0.3	75.4	
	2	242.5	-2.6	+2.6	242.3	
	3	-43.3	-1.6	+1.6	-44.0	

Indicates out of tolerance condition -----↑

Calibration Standard SN & Dates

Variable	System ID	Calibration Last	Calibration Due
Temperature	16320239	12-Sep-23	12-Sep-25
Temperature	21396189	5-Feb-24	5-Feb-26

This instrument has been checked for accuracy, calibrated to manufacturer's specifications, and found to be within the specified tolerance unless otherwise stated. It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

 Calibrated By

19-Feb-2025 19-Feb-2027
 Calibration Date Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Product	Humidity Sensor	Temperature	74	°F
Model	PR-TH-12	Rel. Humidity	21	%
SN	2300111	Bar. Pressure	28.6	in Hg

As Found
 As Left
 In Tolerance
 Out of Tolerance

Calibration Data

Measurement Variable	Test Point	Cal Standard	Allowable Range		Test Instrument
			Min	Max	
Temperature (°F)	Spec				
	1	40.7	-1.0	1.0	40.2
	2	75.2	-1.0	1.0	75.3
	3	86.7	-1.0	1.0	86.7
	4	127.9	-2.0	2.0	128.5
Barometric Pressure (in Hg)	Spec		-2% - 0.1	+ 2% + 0.1	
	1	20.0			20.1
	2	28.6			28.7
	3	33.0			33.1
Humidity %RH 10 to 90%	Spec		-3	3	
	1	10.3			9.8
	2	25.5			26.9
	3	60.2			59.3
	4	90.7			90.9

Indicates out of tolerance condition -----↑

Calibration Standard

Variable	System ID	Calibration Last	Calibration Due
Temperature	16320239	12-Sep-23	12-Sep-25
Temperature	21396189	5-Feb-24	5-Feb-26
Pressure	2205000006	13-Sep-23	13-Sep-25
Pressure	1208000080	13-Feb-23	13-Feb-25
Humidity	20558772	18-Sep-24	18-Sep-25
Humidity	20052171	5-Feb-24	5-May-25

This instrument has been checked for accuracy, calibrated to manufacturer's specifications, and found to be within the specified tolerance unless otherwise stated. It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

Temperature accuracy (dry bulb) varies across the operating range:

Temperature over 32-100F +/- 1.0 F
 Temperature over 100-158F +/- 2.0 F

Julie Scott

Calibrated By

12-Feb-2025
12-Feb-2026
Calibration Date
Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry			Calibration Environment		
Temperature Product		Module	Probe	Temperature	74	°F
Model			PR-T-4-6	Rel. Humidity	20	%
SN			2100279	Bar. Pressure	28.8	in Hg

As Found
 As Left
 In Tolerance
 Out of Tolerance

Calibration Data

Measurement Variable	Test Point	Cal Standard	Allowable Range		Test Instrument	
			Min	Max		
Cal Lab Module & Test Probe	Spec					
Temperature (°F)	1	75.5	-0.3	+0.3	75.5	
	2	242.5	-2.6	+2.6	243.4	
	3	-43.3	-1.6	+1.6	-43.5	

Indicates out of tolerance condition -----↑

Calibration Standard SN & Dates

Variable	System ID	Calibration Last	Calibration Due
Temperature	16320239	12-Sep-23	12-Sep-25
Temperature	21396189	5-Feb-24	5-Feb-26

This instrument has been checked for accuracy, calibrated to manufacturer's specifications, and found to be within the specified tolerance unless otherwise stated. It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

 Calibrated By

19-Feb-2025 19-Feb-2027
 Calibration Date Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Product	Pressure / Velocity Module	Temperature	74	°F
Model	S-PVF-1	Rel. Humidity	20	%
SN	2100570C	Bar. Pressure	28.8	in Hg

As Found
 As Left
 In Tolerance
 Out of Tolerance

Calibration Data

Measurement Variable	Test Point	Cal Standard	Allowable Range		Test Instrument
			Min	Max	
Barometric Pressure (in Hg)	Spec		-2% - 0.1	+ 2% + 0.1	
	1	20.0			20.1
	2	28.8			28.9
	3	33.0			33.1
Differential Pressure (in wc)	Spec		-2%-.001	+2%+.001	
	1	10.00			9.985
	2	2.000			1.993
	3	0.5000			0.4995
	4	0.0500			0.0501
	5	-10.00			-10.024
	6	-0.0500			-0.0499
Via Pitot >> Velocity Pressure >> (inW.C. / FPM) -3% -7	7	.00067 / 104	-3% - 7	+3% + 7	103
	8	.0158 / 503			502

Indicates out of tolerance condition -----↑

NIST-Traceable Lab Calibration Standards

Variable	System ID	Calibration Last	Calibration Due
Pressure	7481227 / 7568470	8-Mar-23	8-Mar-25
Pressure	7871917 / 7870754	12-Sep-23	12-Sep-25
Pressure	11269047 / 12238595	25-Jul-24	25-Jul-26
Pressure	2205000006	13-Sep-23	13-Sep-25
Pressure	1208000080	13-Feb-23	13-May-25
Pressure	41001F6C	19-Jun-24	19-Jun-26
Velocity	2100191A	24-Feb-23	24-Feb-25
Velocity	2100190A	1-May-23	1-May-25

This instrument has been checked for accuracy, calibrated to manufacturer's specifications, and found to be within the specified tolerance unless otherwise stated. It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

 Calibrated By

19-Feb-2025 19-Feb-2027

 Calibration Date Date Due