



INSTRUMENT CALIBRATION LIST

INSTRUMENT	MANUFACTURER	MODEL / SERIAL #	CALIBRATION DATE	CALIBRATION DUE DATE
Module Sensor	Evergreen Telemetry	MS-T&H-101 / 2300169C	3/27/2024	3/27/2025
Humidity Senser	Evergreen Telemetry	PR-TH-12 / 2300120	3/27/2024	3/27/2025
Immersion Temp Probe	Evergreen Telemetry	PR-T-4-6 / 2300180	3/27/2024	3/27/2025
Volt Meter	Amprobe	AMP-220 / 230901507	9/18/2024	9/18/2025
Stroboscope	Extech	461825 / H482986	9/19/2024	9/19/2025
Pressure Module	Evergreen Telemetry	S-PVF-1 / 2200202C	3/6/2024	3/6/2025



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Temperature Product	Module Sensor	Temperature	74	°F
Model	MS - T&H - 101	Rel. Humidity	31	%
SN	2300169C	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	73.2	-0.3	+0.3	73.2	
	2	242.2	-2.6	+2.6	242.7	
	3	-44.0	-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

 27-Mar-2024
 Calibration Date

 27-Mar-2026
 Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Product	Humidity Sensor	Temperature	74	°F
Model	PR-TH-12	Rel. Humidity	31	%
SN	2300120	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	40.1	-1.0	1.0	39.9
	2	75.2	-1.0	1.0	75.1
	3	85.9	-1.0	1.0	85.8
	4	127.5	-2.0	2.0	127.6
Barometric Pressure (in Hg)	Spec		-2% - 0.1	+ 2% + 0.1	
	1	20.0			19.9
	2	28.9			28.9
	3	33.0			33.0
Humidity %RH 10 to 90%	Spec		-3	3	
	1	9.5			10.0
	2	25.2			26.4
	3	58.4			56.3
	4	88.7			88.0

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	12-Sep-23	12-Sep-24
Humidity	20052171	5-Feb-24	5-Feb-25

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

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

 Calibrated By

27-Mar-2024 27-Mar-2025
 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	31	%
SN			2300180	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	73.3	-0.3	+0.3	73.3	
	2	242.3	-2.6	+2.6	242.1	
	3	-43.9	-1.6	+1.6	-43.8	

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

27-Mar-2024 27-Mar-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 # 65096
 P.O.# _____
 Date: 8/22/24

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

Make:	Amprobe	DCV		ACV		Resistance	
		Hoover	Customer	Hoover	Customer	Hoover	Customer
Description:	ac/dc clamp-on	50.00	49.9	50.00	49.8	100.0	99.9
		100.0	99.8	100.0	99.7	1.000 K	0.999K
Model #	AMP-220	150.0	149.8	150.0	149.6	10.000 K	10.00K
		250.0	249.7	250.0	249.5		
Mfg Serial #	230901564	500.0	499.4	500.0	499.2		
Customer #		DCA		ACA			
RH %	47	25.0	24.70	25.0	24.90		
Temperature:	23 °C	50.0	49.65	50.0	49.82		
Accuracy:	acv = +/- 1% +/- 5d	75.0	74.5	75.0	74.8		
	aca = +/- 1.8% +/- 5d	100.0	99.5	100.0	99.7		
	dcv = +/- 1% +/- 5d	200.0	199.3	200.0	199.6		
	dca = +/- 2% +/- 5d	300.0	299.4	300.0	298.7		
	res = +/- 1% +/- 5d	400.0	399.5	400.0	398.2		
Accuracy of Standard:		500.0	500.5	500.0	499.5		
	acv = +/- 0.5%						
	dca = +/- 0.03%						
	aca = +/- 0.5%						
	dca = +/- 0.3%						
	res. = +/- 0.1%						

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:

New

Calibration Procedure: **5075-33**

Revision: **0**

Calibration Cycle: **1 year**

Tested By: 

Quality Control: 

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 # 65100
 P.O.# _____
 Date: 8/23/24

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

Make:	Extech	Hoover	Customer	RPM		Hoover	Customer
				Photo-Tach	Stroboscope		
Description:	stroboscope / photo-tach			300.0	300.0	300.0	300.0
Model #	461825			600.0	600.0	600.0	600.0
Mfg Serial #	H482992			900.0	900.0	900.0	900.0
Customer #				1800	1799	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
- Movement Repaired
- Pointer Repaired
- Reset Pointer
- Zero Adjusted
- Adjust Calibration
- Repaired
- Batteries
- Calibration Location On Site

Test Instruments Used:

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

Due Date:

8/25
 4/25

Notes:

New

Calibration Procedure: **5023-2**

Revision: **1**

Calibration Cycle: **1 year**

Tested By:

[Signature]

Quality Control:

[Signature]



Certificate Of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Product	Pressure / Velocity Module	Temperature	74	°F
Model	S-PVF-1	Rel. Humidity	28	%
SN	2200202C	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	
Barometric Pressure (in Hg)	Spec		-2% - 0.1	+ 2% + 0.1	
	1	20.0			20.1
	2	28.6			28.7
	3	33.0			33.0
Differential Pressure (in wc)	Spec		-2%-.001	+2%+.001	
	1	10.00			9.986
	2	2.000			2.000
	3	0.5000			0.4986
	4	0.0500			0.0498
	5	-10.00			-10.018
	6	-0.0500			-0.0501
Via Pitot >> Velocity Pressure >> (inW.C. / FPM) -3% -7			-3% - 7	+3% + 7	
	7	0.00073 / 108			107
	8	0.0160 / 506			505

Indicates out of tolerance condition -----↑

NIST-Traceable Lab Calibration Standards

Variable	System ID	Calibration Last	Calibration Due
Pressure	7481227	8-Mar-23	8-Mar-25
Pressure	7568470	8-Mar-23	8-Mar-25
Pressure	7871917	12-Sep-23	12-Sep-25
Pressure	7870754	12-Sep-23	12-Sep-25
Pressure	2205000006	13-Sep-23	13-Sep-25
Pressure	1208000080	13-Feb-23	13-Feb-25
Pressure	41001F6C	27-Apr-23	27-Apr-25
Velocity	2100191A	24-Feb-23	24-Feb-25
Velocity	2100190A	1-May-23	1-May-25

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 Calibrated By

6-Mar-2024 6-Mar-2026
 Calibration Date Date Due