

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

To: **Airflow Pros**
 4741 Atlantic Blvd - Suite 2B
 Jacksonville, FL 32207

Test Report # 67477
 P.O.# _____
 Date: 10/13/25

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

Make:	Hoover		Customer		Hoover		Customer	
	RPM		RPM		Photo-Tach		Stroboscope	
Description:	<u>stroboscope / photo-tach</u>							
Model #	<u>461825</u>				300.0	<u>300.0</u>	300.0	<u>300.0</u>
Mfg Serial #	<u>H490978</u>				600.0	<u>599.9</u>	600.0	<u>600.0</u>
Customer #					900.0	<u>900.0</u>	900.0	<u>900.0</u>
RH %	<u>54</u>	Temperature:	<u>21 °C</u>		1800	<u>1800</u>	1800	<u>1800</u>
Accuracy:	<u>+/- 0.1 RPM +/- 2d</u>				3600	<u>3600</u>	3600	<u>3600</u>
Accuracy of Standard:					7200	<u>7200</u>	7200	<u>7200</u>
	<u>strobe = +/- 0.05%</u>							
	<u>photo = +/- 0.0008%</u>							

Services Performed:

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

Test Instruments Used:

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

Due Date:

8/26
4/26

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		
Temperature Product	Module Sensor	Temperature	73	°F
Model	MS - T&H - 101	Rel. Humidity	40	%
SN	25J-00403	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		
Cal Lab Probe & Test Module	Spec					
Temperature (°F)	1	75.3	-0.3	+0.3	75.5	
	2	206.0	-2.6	+2.6	206.7	
	3	-5.4	-1.6	+1.6	-5.3	

Indicates out of tolerance condition ----↑

Calibration Standard SN & Dates

Variable	System ID	Calibration Last	Calibration Due
Temperature	16320239	11-Aug-25	11-Aug-27
Temperature	21396189	24-Feb-25	24-Feb-27

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

29-Sep-2025 29-Sep-2027
 Calibration Date Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Product	Humidity Sensor	Temperature	77	°F
Model	PR-TH-12	Rel. Humidity	44	%
SN	2500142	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	40.5	-1.0	1.0	40.0
	2	75.7	-1.0	1.0	75.0
	3	86.2	-1.0	1.0	86.0
	4	127.9	-2.0	2.0	128.5
Barometric Pressure (in Hg)	Spec		-2% - 0.1	+ 2% + 0.1	
	1	20.0			20.0
	2	28.6			28.6
	3	33.0			33.0
Humidity %RH 10 to 90%	Spec		-3	3	
	1	9.7			10.4
	2	22.6			23.9
	3	60.0			59.6
	4	90.4			88.2

Indicates out of tolerance condition -----↑

Calibration Standard

Variable	System ID	Calibration Last	Calibration Due
Temperature	16320239	11-Aug-25	11-Aug-27
Temperature	21396189	24-Feb-25	24-Feb-27
Pressure	2205000006	13-Sep-23	15-Oct-25
Pressure	1208000080	14-Aug-25	14-Aug-27
Humidity	20558772	18-Sep-24	15-Oct-25
Humidity	20052171	13-Feb-25	13-Feb-26

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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

13-Oct-2025	13-Oct-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	34	%
SN		2500440	Bar. Pressure	28.5	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	75.3	-0.3	+0.3	75.4
	2	206.0	-2.6	+2.6	206.3
	3	-5.2	-1.6	+1.6	-4.9

Indicates out of tolerance condition ----↑

Calibration Standard SN & Dates

Variable	System ID	Calibration Last	Calibration Due
Temperature	16320239	11-Aug-25	11-Aug-27
Temperature	21396189	24-Feb-25	24-Feb-27

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 Calibrated By

7-Oct-2025 7-Oct-2027

 Calibration Date Date Due