

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 # 66348
 P.O.# _____
 Date: 3/24/25

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

Make:	Amprobe	Hoover		Customer		Hoover		Customer	
		DCV				ACV			Resistance
Description:	ac/dc clamp-on	50.00	49.9	50.00	49.9	100.0	100.0	1.000 K	0.999K
Model #	AMP-220	100.0	99.9	100.0	99.8	10.000 K	10.000 K		
Mfg Serial #	240501195	150.0	149.8	150.0	149.8				
Customer #		250.0	249.7	250.0	249.8				
RH %	36	500.0	499.5	500.0	499.6				
Temperature:	21 °C								
Accuracy:	acv = +/- 1% +/- 5d								
	aca = +/- 1.8% +/- 5d								
	dcv = +/- 1% +/- 5d								
	dca = +/- 2% +/- 5d								
	res = +/- 1% +/- 5d								
Accuracy of Standard:									
	acv = +/- 0.5%								
	aca = +/- 0.5%								
	dcv = +/- 0.03%								
	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:

6/25
4/25

Notes:

New

Calibration Procedure: 5075-33

Revision: 0

Calibration Cycle: 1 year

Tested By: [Signature]

Quality Control: [Signature]

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To: **Airflow Pros**
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Test Report # 66756
 P.O.# _____
 Date: 6/5/25

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

Make:	Hoover		Customer		Hoover		Customer	
	RPM		RPM		Photo-Tach		Stroboscope	
Exttech								
Description: stroboscope / photo-tach								
Model # 461825					300.0	<u>300.0</u>	300.0	<u>300.0</u>
Mfg Serial # <u>H479933</u>					600.0	<u>600.0</u>	600.0	<u>600.0</u>
Customer # _____					900.0	<u>900.0</u>	900.0	<u>900.0</u>
RH % <u>58</u> Temperature: <u>23</u> °C					1800	<u>1800</u>	1800	<u>1800</u>
Accuracy: +/- 0.1 RPM +/- 2d					3600	<u>3600</u>	3600	<u>3600</u>
					7200	<u>7200</u>	7200	<u>7200</u>
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:

8/25
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	75	°F
Model	MS - T&H - 101	Rel. Humidity	33	%
SN	2300230C	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	75.4	-0.3	+0.3	75.4	
	2	206.1	-2.6	+2.6	206.4	
	3	-5.2	-1.6	+1.6	-5.2	

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

6-Nov-2025 6-Nov-2027

 Calibration Date Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Product	Humidity Sensor	Temperature	75	°F
Model	PR-TH-12	Rel. Humidity	33	%
SN	2300126	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	39.8	-1.0	1.0	39.5
	2	75.2	-1.0	1.0	75.1
	3	86.2	-1.0	1.0	86.1
	4	128.7	-2.0	2.0	128.8
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	10.4			11.5
	2	22.7			22.9
	3	64.2			62.5
	4	89.5			88.5

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	10-Oct-25	10-Oct-27
Pressure	1208000080	14-Aug-25	14-Aug-27
Humidity	20558772	8-Oct-25	8-Oct-26
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

6-Nov-2025 6-Nov-2026
 Calibration Date Date Due

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To: **Airflow Pros**
1001 Eastwind Drive - Suite 203
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Test Report # 65325
 P.O.# _____
 Date: 10/14/24

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

Make:	TSI	Hoover		Customer		Hoover		Customer	
		inches of water		PSI		feet of water			
Description:	hydronic manometer	25.00	25.0	5.00	4.994	1.000	1.00		
		50.00	50.0			2.000	2.00		
Model #	HM-675	75.00	75.0	10.00	9.980	3.000	3.00		
		100.00	100.0			4.000	3.99		
Mfg Serial #	71811071	150.00	149.8	25.00	24.94	5.000	4.99		
		200.00	199.8			7.500	7.48		
Customer #		250.00	249.7	50.00	49.91	10.00	9.97		
		300.00	299.6			25.00	24.92		
RH % <u>53</u> Temperature: <u>21</u> °C		350.00	349.4	75.00	74.86	50.00	49.80		
		400.00	399.3			75.00	74.73		
Accuracy:		500.00	499.0			100.00	99.68		
+/- 1% of rdg.		750.00	748.3			150.00	149.5		
or +/- 0.036 psi		1000.00	997.8						
+/- 0.08 ft of water		1250.00	1247						
+/- 1.0 in of water		1500.00	1497						
	whichever is greater								
Accuracy of Standard:									
	+/- 0.1%								

Services Performed:

- Cleaned Movement Repaired Pointer Repaired Reset Pointer
 Zero Adjusted Adjust Calibration Repaired Batteries

Calibration Location On Site

Test Instruments Used:

Crystal #300psiXP2i s/n 821664
 Crystal #30psiXP2i s/n 462180

Due Date:

6/25
 2/25

Notes:

Calibration Procedure: **5040-33**

Revision: **0**

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	75	°F
Model	S-PVF-1	Rel. Humidity	33	%
SN	2100744C	Bar. Pressure	28.7	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			20.0
	2	28.8			28.8
	3	33.0			33.1
Differential Pressure (in wc)	Spec		-2%-.001	+2%+.001	
	1	10.00			9.984
	2	2.000			1.996
	3	0.5000			0.4999
	4	0.0500			0.0507
	5	-10.00			-10.030
Via Pitot >> Velocity Pressure >> (inW.C. / FPM) -3% -7	7	0.00067 / 104			103
	8	0.0158 / 504			504

Indicates out of tolerance condition -----↑

NIST-Traceable Lab Calibration Standards

Variable	System ID	Calibration Last	Calibration Due
Pressure	7481227 / 7568470	8-Mar-23	15-Nov-25
Pressure	7871917 / 7870754	12-Sep-23	15-Nov-25
Pressure	11269047 / 12238595	25-Jul-24	25-Jul-26
Pressure	2205000006	10-Oct-25	10-Oct-27
Pressure	1208000080	14-Aug-25	14-Aug-27
Pressure	41001F6C	19-Jun-24	19-Jun-26
Pressure	41001O9L	28-Apr-25	28-Apr-27
Velocity	2500067	10-Sep-25	10-Sep-27
Velocity	2100190A	11-Aug-25	11-Aug-27

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 Calibrated By

6-Nov-2025 6-Nov-2027

 Calibration Date Date Due