

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 # 65519
P.O.# _____
Date: 11/27/24

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

	Hoover	Customer	Hoover	Customer	Hoover	Customer
Make: <u>Dwyer</u>				PSI		
Description: <u>hydronic pressure manometer</u>			40.00	<u>40.39</u>		
Model # <u>A-490W-6</u>			80.00	<u>80.75</u>		
Mfg. Serial # <u>08Q2MN</u>			120.00	<u>121.02</u>		
Customer # _____			160.00	<u>161.20</u>		
RH % <u>43</u> Temperature: <u>21</u> °C			200.00	<u>201.35</u>		
Accuracy: <u>+/- 2% +/- 1 psi</u>						
Accuracy of Standard: <u>+/- 0.1%</u>						

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

Due Date:

6/25

Notes:

Calibration Procedure: 5040-51

Revision: 0

Calibration Cycle: 1 year

Tested By:

Quality Control:

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Test Report # 65520
 P.O.# _____
 Date: 11/27/24

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

	Hoover	Customer	Hoover	Customer	Hoover	Customer
Make:	Dwyer		PSI			
Description:	hydronic pressure manometer		40.00	46.08		
Model #	A-490W-6		80.00	80.12		
Mfg Serial #	08Q2MQ		120.00	120.08		
Customer #			160.00	160.00		
RH %	<u>43</u>	Temperature:	<u>21</u>	o c	200.00	199.82
Accuracy:	+/- 2% +/- 1 psi					
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

Due Date:

6/25

Notes:

Calibration Procedure: 5040-51

Revision: 0

Calibration Cycle: 1 year

Tested By: 

Quality Control: 

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To: **Airflow ProS**
 1001 Eastwind Drive - Suite 203
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Test Report # 65522
 P.O.# _____
 Date: 11/27/24

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

Make:	Hoover		Customer		Hoover		Customer	
	Extech				RPM		RPM	
Description:	stroboscope / photo-tach				Photo-Tach		Stroboscope	
Model #	461825				300.0	300.0	300.0	299.9
Mfg Serial #	H437770				600.0	599.9	600.0	600.0
Customer #					900.0	899.9	900.0	899.9
RH %	49	Temperature:	21	°C	1800	1800	1800	1800
Accuracy:	+/- 0.1 RPM		+/- 2d		3600	3600	3600	3600
					7200	7200	7200	7200

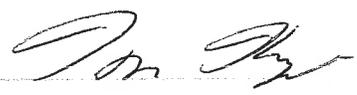
Accuracy of Standard:
 strobe = +/- 0.05%
 photo = +/- 0.0008%

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

Test Instruments Used: Due Date: Notes:

Altek #40A s/n 195587	8/25	
Sperry #TACH-1 s/n L301594	4/25	

Calibration Procedure: **5023-2** Revision: **1**
 Calibration Cycle: **1 year**

Tested By:  Quality Control: 

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To: **Airflow Pros**
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Test Report # 65518
P.O.# _____
Date: 11/27/24

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

	Hoover	Customer	Hoover	Customer	Hoover	Customer
			feet/minute		temperature	
					fahrenheit	
Make:	Amprobe					
Description:	anemometer		<u>330</u>	<u>337</u>	<u>70.0</u>	<u>70.8</u>
Model #	TMA-10A		<u>530</u>	<u>542</u>		
Mfg Serial #	15040027		<u>750</u>	<u>765</u>		
Customer #			<u>1050</u>	<u>1062</u>		
RH %	<u>43</u>	Temperature: <u>21</u> °C	<u>1540</u>	<u>1560</u>		
Accuracy:	Temp = +/- 1.5 °F +/- 2% of F.S.					
Accuracy of Standard:	+/- 5 ft/min Temp = +/- 0.5 °F					

Services Performed:

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

Test Instruments Used:

Tegam #855 s/n T-113227
TSI #8330 s/n 95030100

Due Date:

12/24
6/25

Notes:

Calibration Procedure: **5075-23**

Revision: **0**

Calibration Cycle: **1 year**

Tested By:

Quality Control:

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To: **Airflow Pros**
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Test Report # 65517
 P.O.# _____
 Date: 11/27/24

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

Make:	Hoover		Customer		Hoover		Customer	
	DCV		ACV		Resistance			
Description:	ac/dc clamp-on		50.00	49.9	50.00	49.9	100.0	99.9
Model #	AMP-220		100.0	99.8	100.0	99.9	1.000 K	0.999K
Mfg Serial #	200501509		150.0	149.8	150.0	149.8	10.000 K	9.99K
Customer #			250.0	249.7	250.0	249.7		
RH %	<u>43</u>		500.0	499.6	500.0	499.6		
Temperature:	<u>21 °C</u>							
Accuracy:	acv = +/- 1%	+/- 5d	25.0	25.10	25.0	25.25		
	aca = +/- 1.8%	+/- 5d	50.0	50.40	50.0	50.56		
	dcv = +/- 1%	+/- 5d	75.0	75.5	75.0	75.8		
	dca = +/- 2%	+/- 5d	100.0	100.9	100.0	101.3		
	res = +/- 1%	+/- 5d	200.0	202.3	200.0	203.0		
Accuracy of Standard:			300.0	304.2	300.0	304.6		
			400.0	406.1	400.0	406.8		
			500.0	508.0	500.0	508.3		
	acv = +/- 0.5%	dcv = +/- 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:

Calibration Procedure: **5075-33**

Revision: **0**

Calibration Cycle: **1 year**

Tested By:

Quality Control:



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry		Calibration Environment		
Temperature Product		Module	Probe	Temperature	73 °F
Model			PR-T-5	Rel. Humidity	21 %
SN			2100260	Bar. Pressure	28.9 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	75.2	-0.3	+0.3	75.1	
	2	241.7	-2.6	+2.6	241.1	
	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

8-Nov-2024 8-Nov-2026

 Calibration Date Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry		Calibration Environment		
Temperature Product	Module	Probe	Temperature	73	°F
Model		PR-T-4-6	Rel. Humidity	21	%
SN		2300090	Bar. Pressure	28.9	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	75.2	
	2	241.6	-2.6	+2.6	241.1	
	3	-43.4	-1.6	+1.6	-42.3	

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

8-Nov-2024 8-Nov-2026

 Calibration Date Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Temperature Product	Module Sensor	Temperature	73	°F
Model	MS - T&H - 101	Rel. Humidity	21	%
SN	2100140B	Bar. Pressure	28.9	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	75.3	
	2	241.6	-2.6	+2.6	242.2	
	3	-43.4	-1.6	+1.6	-43.3	

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

8-Nov-2024 8-Nov-2026

 Calibration Date Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Product	Pressure / Velocity Module	Temperature	73	°F
Model	S-PVF-1	Rel. Humidity	21	%
SN	2100464C	Bar. Pressure	28.9	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	28.9			29.0
	3	33.0			33.1
Differential Pressure (in wc)	Spec		-2%-.001	+2%+.001	
	1	10.00			9.983
	2	2.000			1.990
	3	0.5000			0.4973
	4	0.0500			0.0497
	5	-10.00			-10.029
	6	-0.0500			-0.0495
Via Pitot >> Velocity Pressure >> (inW.C. / FPM) -3% -7			-3% - 7	+3% + 7	
	7	0.00067 / 104			103
	8	0.016 / 507			505

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-Feb-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

8-Nov-2024 8-Nov-2026

 Calibration Date Date Due