

#### INSTRUMENT CALIBRATION LIST

INSTRUMENT	MANUFACTURER	MODEL / SERIAL #	CALIBRATION DATE	CALIBRATION DUE DATE
Humidity Sensor	Evergreen Telemetry	TH-12 / 2400144	10/8/2024	10/8/2025
Module Sensor	Evergreen Telemetry	T&H-101 / 2300289C	10/8/2024	10/8/2025
Pressure/Veloci ty Mod	Evergreen Telemetry	PVF-1 / 2300769D	10/9/2024	10/9/2025
ACDC Clamp On	Amprobe	AMP-220 / 230300713	10/21/2024	10/21/2025
Immersion Temp Probe	Evergreen Telemetry	T-4-6 / 2300353	10/8/2024	10/8/2025
Temp Probe	Evergreen Telemetry	PR-T-5 / 2100328	6/17/2024	6/17/2025
Water Meter	TSI	HM685 / 71627041	10/21/2024	10/21/2025
Stroboscope/Ph oto-Tach	Extech	461825 / H437805	10/21/2024	10/21/2025



## **Certificate of Calibration**

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration	Environmer	nt
Product	Humidity Sensor	Temperature	73	°F
Model	PR-TH-12	Rel. Humidity	25	%
SN	2400144	Bar. Pressure	28.5	in Hg

As Found Out of Tolerance As Left In Tolerance

#### **Calibration Data**

Measurement	Test	Test Cal		ble Range	Test	
Variable	Point	Standard	Min	Max	Instrument	
	Spec					
	1	40.4	-1.0	1.0	40.3	
Temperature (°F)	2	73.8	-1.0	1.0	74.2	
,	3	85.9	-1.0	1.0	86.1	
	4	128.6	-2.0	2.0	128.6	
Barometric	Spec		-2% - 0.1	+ 2% + 0.1		
Pressure (in Hg)	1	20.0			20.1	
, ,,	2	28.5			28.6	
	3	33.0			33.1	
	Spec		-3	3		
Humidity %RH	1	10.7			10.2	
10 to 90%	2	22.7			23.6	
	3	55.4			55.2	
	4	90.2			88.8	

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-Feb-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 Institue 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

8-Oct-2024 8-Oct-2025 **Calibration Date** Date Due



# **Certificate of Calibration**

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration	Environme	nt
Temperature Product	Module Sensor	Temperature	73	°F
Model	MS - T&H - 101	Rel. Humidity	25	%
SN	2300289C	Bar. Pressure	28.6	in H

As Found

As Left

In Tolerance

Out of Tolerance

### **Calibration Data**

Measurement	Test Cal		Allowat	Test	
Variable	Point	Standard	Min	Max	Instrumen
Cal Lab Probe & Test Module	Spec				
	1	74.7	-0.3	+0.3	74.9
Temperature (°F)	2	242.9	-2.6	+2.6	243.5
	3	-43.5	-1.6	+1.6	-43.2
				12000	

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 Institue of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

Calibrated By

8-Oct-2024

8-Oct-2026

**Calibration Date** 

**Date Due** 

# **EVERGREEN TELEMETRY**

## **Certificate of Calibration**

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration	Environmen	t
Product	Pressure / Velocity Module	Temperature	Temperature 70	
Model	S-PVF-1	Rel. Humidity	28.6	%
SN	2300769D	Bar. Pressure	28.6	in Hg

As Found

M As Left

In Tolerance

Out of Tolerance

#### **Calibration Data**

Test	Cal	Allowal	ole Range	Test
Point	Standard	Min	Max	Instrument
Spec		-2% - 0.1	+ 2% + 0.1	
1	20.0			20.1
2	28.6			28.7
3	33.0			33.1
Spec	+	-2%001	+2%+.001	
	10.00			9.965
				1.988
	_			0.4970
_	0.0500			0.0494
5	-10.00			-9.993
6				-0.0492
		-3% - 7	+3% + 7	
7	0.00065 / 102			102
8	0.0157 / 502			500
	Point Spec 1 2 3 Spec 1 2 3 4 5 6 7	Point         Standard           Spec         1           1         20.0           2         28.6           3         33.0           Spec         1           1         10.00           2         2.000           3         0.5000           4         0.0500           5         -10.00           6         -0.0500           7         0.00065 / 102	Point         Standard         Min           Spec         -2% - 0.1           1         20.0           2         28.6           3         33.0           Spec         -2%001           1         10.00           2         2.000           3         0.5000           4         0.0500           5         -10.00           6         -0.0500           -3% - 7           7         0.00065 / 102	Point         Standard         Min         Max           Spec         -2% - 0.1         + 2% + 0.1           1         20.0         -2% - 0.1         + 2% + 0.1           2         28.6

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 Institue of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

Calibrated By

9-Oct-2024

9-Oct-2026

**Calibration Date** 

**Date Due** 

602.574.6192 ■ info@evergreentelemetry.com ■ www.evergreentelemetry.com ■ 33 S Sycamore, Mesa, AZ 85202

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

Condition as Received

Mn Thy

Returned X

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

Test Report # P.O.# 10/21/24 Date:

Data on Next Sheet

Make.	Amprobe		Hoover	Customer DCV	Hoover	Customer <b>\CV</b>	Hoover <b>Resis</b>	Customer tance
Description	ac/dc clam	p-on	50.00	49.9	50.00	49.8	100.0	100.01
			100.0	99.8	100.0	99.7	1.000 K	0.999K
Model #	AMP-220		150.0	149.7	150.0	149.5	10.000 K	10.000
			250.0	49.9 99.8 149.7 249.5 499.2	250.0	249.3		
Mfg Serial #	230300713	3	500.0	499.2	500.0	498.8		
Customer#				-				
RH% JO	Tananatan	2/00		DCA	A	<u>ICA</u>		
KH 70 JU	Temperature:	2/00	25.0	21/62	25.0	2461		
Accuracy	acv = +/- 1%	+/- 5d	50.0	24.82	50.0	24.90		
Accordery	aca = +/-1.8%	The second secon	75.0		75.0	49.79		
	dcv = +/- 1%	+/- 5d	100.0	74.4	100.0	74.8		
	dca = +/- 2%	+/- 5d	200.0	1986	200.0	199.0		
	res = +/- 1%	+/- 5d	300.0	298.9	300.0	299.2		
	-MARKET - N.	-	400.0	798.8	400.0	299.2		
Accuracy of St	andard:		500.0	498.7	500.0	4995		
acv = +/- 0	0.5% dcv =	+/- 0.03%		, , , ,		, , , _		
aca = +/-0	).5% dca =	+/- 0.3%						
	res.=	+/- 0.1%						
Service	s Performed							
Clea	y*****	Movement Rep	aired	Pointer Repaired		Reset Pointer		
Zero	Adjusted	Adjust Calibrat	ion	Repaired		Batteries		
Name and	and the second s	•		-				
	*					Calibration Location	on On Site	
<u>Test Ins</u>	struments Used			Due Date:	Ne	otes:		
Amp	robe #BDM40-l	JA s/n 0711	0052	12/24	,			
	Icross #830	s/n 2110		4/25				
		-,		112				

Quality Control:

JANA



# Certificate of Calibration

Airflow Pros

Manufacturer Evergreen Telemetry Calib			Calibration	Environme	nt
Temperature Product	Module	Probe	Temperature	73	°F
Model		PR-T-4-6	Rel. Humidity	25	%
SN		2300353	Bar. Pressure	28.6	in Hg

M	As	Found	ı
	700	I Ouliu	Į

X As Left

In Tolerance

Out of Tolerance

## **Calibration Data**

Measurement	Test	Cal Standard	Allowable Range		Test	
Variable	Point		Min	Max	Instrument	
Cal Lab Module & Test Probe	Spec					
	1	74.7	-0.3	+0.3	74.9	
Temperature (°F)	2	242.9	-2.6	+2.6	243.5	
	3	-43.5	-1.6	+1.6	-43.2	
					-	

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	

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Calibrated By

8-Oct-2024

8-Oct-2026

**Calibration Date** 

**Date Due** 

# **EVERGREEN TELEMETRY**

## **Certificate of Calibration**

Airflow Pros

Manufacturer	Evergreen Tele	metry	Calibration Environment			
Temperature Product	Module	Probe	Temperature	71	°F	
Model		PR-T-5	Rel. Humidity	26	%	
SN		2100328	Bar. Pressure	28.3	in H	

As Found

M As Left

M In Tolerance

Out of Tolerance

#### **Calibration Data**

Measurement	Test	Cal Standard	Allowable Range		Test	
Variable	Point		Min	Max	Instrument	
Cal Lab Module & Test Probe	Spec					
	1	75.1	-0.3	+0.3	75.1	
Temperature (°F)	2	242.3	-2.6	+2.6	242.5	
	3	-43.8	-1.6	+1.6	-44.3	
-						

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 Institue of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

Calibrated By

17-Jun-2024

17-Jun-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 4741 Atlantic Blvd. -Suite 2B Jacksonville, FL 32207 Test Report # 6537/ P.O.# Date 10/21/24

Data on Next Sheet Returned X Out of Tolerance Condition as Received In Tolerance Hoover Customer Hoover Customer Hoover Customer TSI <u>PSI</u> feet of water inches of water Make 1.000 4.994 hydronic manometer 25.00 5.00 <u>Description</u> 24.6 2.000 50.00 9.983 3.000 10.00 **HM-685** 75.00 Model # 4.000 100.00 5.000 25.00 Mfq Serial # 71627041 150.00 7.500 200.00 10.00 50.03 50.00 Customer # 250.00 25.00 300,00 Temperature. 2/ oc RH% 50 75.02 50.00 75.00 350.00 75.00 400.00 100.00 500.0 500.0 Accuracy. 150.00 750.1 +/- 1% of rdg. 750.0 1000 or +/- 0.036 psi 1000.0 1250 1250.0 +/- 0.08 ft of water 1500 +/- 1.0 in of water 1500.0 whichever is greater Accuracy of Standard +/-0.1% Services Performed Reset Pointer Movement Repaired Pointer Repaired Cleaned Batteries Repaired Adjust Calibration Zero Adjusted Calibration Location On Site Due Date: Notes. Test Instruments Used. s/n 821664 #300psiXP2i Crystal #30psiXP2i s/n 462180 Crystal

Calibration Procedure:

5040-33

Revision.

0

Calibration Cycle. 1 year

Tested By

Quality Control:

Juli

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 # P.O.# 10/21/24 Date:

Condition as Reco	eived 🛛 Returned 💟	In Tolerance	Out of Toleran	се	Data on Next Sh	neet
Make Exte	ch Hoo	ver Customer	Hoover	Customer PM	Hoover	Customer RPM
- special differences	indepen.			o-Tach		boscope
Description: strobo	scope / photo-tach				222.0	2
Model # 4618	225		300.0	300.0	300.0	300.0
v Special decision	dan k	-	600.0	599.9	600.0	600.0
Mfg Serial # H43	7805		900.0	900.0	900.0	899.9
Customer #				700.5		
RH% 50 Temps	erature: 2/oc		1800	1800	1800	1800
			3600	3599	3600	3600
<u>Accuracy:</u> +/- 0.1	RPM +/- 2d		7200	7200	7200	7200
Accuracy of Standard:						
strobe = $\pm /-0$ photo = $\pm /-0$	20					
Services Performation Cleaned Zero Adjusted	ed:  Movement Repaired  Adjust Calibration	Pointer Repaired Repaired		Reset Pointer Batteries		
				Calibration Locati	on On Site	
Test Instruments	Used:	Due Date:	No	tes:		
Altek #	/40A s/n 195587	8/25				
	TACH-1 s/n L301594	4/25				
Calibration Procedure:	5023-2	Revision: 1				
Calibration Cycle.	1 year					

9 dr 24

Quality Control: