

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 # 66356
 P.O.# _____
 Date: 3/24/25

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

| | Hoover | Customer | Hoover | Customer | Hoover | Customer |
|--|--------|----------|------------|--------------|--------|----------|
| Make: Extech | | | RPM | | | |
| Description: tachometer | | | 600.0 | <u>600.0</u> | | |
| Model # 461895 | | | 900.0 | <u>900.0</u> | | |
| Mfg Serial # H388838 | | | 1800.0 | <u>1800</u> | | |
| Customer # _____ | | | 3000.0 | <u>3000</u> | | |
| RH % <u>36</u> Temperature: <u>21</u> °C | | | 3600.0 | <u>3600</u> | | |
| Accuracy: _____ | | | 6000.0 | <u>5999</u> | | |
| +/- 0.05% +/- 1d | | | 7200.0 | <u>7199</u> | | |
| Accuracy of Standard: _____ | | | | | | |
| +/- 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

Due Date:

8/25

Notes:

Calibration Procedure: 5023

Revision: 4

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 | 73 | °F |
| Model | S-PVF-1 | Rel. Humidity | 25 | % |
| SN | 2200353C | 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 | | | 20.1 |
| | 2 | 28.7 | | | 28.7 |
| | 3 | 33.0 | | | 33.1 |
| Differential Pressure (in wc) | Spec | | -2%-.001 | +2%+.001 | |
| | 1 | 10.00 | | | 9.982 |
| | 2 | 2.000 | | | 1.988 |
| | 3 | 0.5000 | | | 0.4992 |
| | 4 | 0.0500 | | | 0.0508 |
| | 5 | -10.00 | | | -10.005 |
| | 6 | -0.0500 | | | -0.0500 |
| Via Pitot >> Velocity Pressure >> (inW.C. / FPM) -3% -7 | | | -3% - 7 | +3% + 7 | |
| | 7 | .00071 / 107 | | | 107 |
| | 8 | .0157 / 502 | | | 500 |

Indicates out of tolerance condition -----↑

NIST-Traceable Lab Calibration Standards

| Variable | System ID | Calibration Last | Calibration Due |
|----------|---------------------|------------------|-----------------|
| Pressure | 7481227 / 7568470 | 8-Mar-23 | 8-Sep-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-May-25 |
| Pressure | 41001F6C | 19-Jun-24 | 19-Jun-26 |
| Velocity | 2100191A | 24-Feb-23 | 1-May-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

11-Mar-2025 11-Mar-2027
 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 # 66353
 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 | | Hoover | | Customer | |
|-----------------------|-----------------------|--------|-------|------------|-------|--------|-------|----------|-------|---------|--------|----------|--------|
| | | DCV | ACV | Resistance | | | | | | | | | |
| Description: | ac/dc clamp-on | 50.00 | 49.9 | 50.00 | 49.9 | 100.0 | 100.0 | 100.0 | 100.0 | 1.000 K | 0.999K | 10.000 K | 10.00K |
| Model # | AMP-220 | 100.0 | 99.9 | 100.0 | 99.9 | 150.0 | 149.9 | 150.0 | 149.9 | | | | |
| Mfg Serial # | 240100047 | 150.0 | 149.8 | 150.0 | 149.9 | 250.0 | 250.0 | 250.0 | 250.0 | | | | |
| Customer # | | 250.0 | 249.8 | 250.0 | 250.0 | 500.0 | 499.9 | 500.0 | 499.9 | | | | |
| RH % | 37 | 500.0 | 499.6 | 500.0 | 499.9 | | | | | | | | |
| 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
- Zero Adjusted
- Movement Repaired
- Adjust Calibration
- Pointer Repaired
- Repaired
- Reset Pointer
- 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:

Calibration Procedure: 5075-33

Revision: 0

Calibration Cycle: 1 year

Tested By: [Signature]

Quality Control: [Signature]



Certificate of Calibration

Airflow Pros

| | | | | |
|--------------|---------------------|-------------------------|------|-------|
| Manufacturer | Evergreen Telemetry | Calibration Environment | | |
| Product | Humidity Sensor | Temperature | 73 | °F |
| Model | PR-TH-12 | Rel. Humidity | 25 | % |
| SN | 2300134 | 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 | |
| Temperature (°F) | Spec | | | | |
| | 1 | 40.0 | -1.0 | 1.0 | 39.8 |
| | 2 | 75.2 | -1.0 | 1.0 | 75.2 |
| | 3 | 86.3 | -1.0 | 1.0 | 86.5 |
| | 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 | 28.7 | | | 28.7 |
| | 3 | 33.0 | | | 33.0 |
| Humidity %RH 10 to 90% | Spec | | -3 | 3 | |
| | 1 | 10.7 | | | 9.9 |
| | 2 | 24.1 | | | 25.4 |
| | 3 | 60.9 | | | 62.3 |
| | 4 | 90.7 | | | 89.6 |

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-May-25 |
| Humidity | 20558772 | 18-Sep-24 | 18-Sep-25 |
| Humidity | 20052171 | 5-Feb-24 | 5-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.

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

| | |
|------------------|-------------|
| 10-Mar-2025 | 10-Mar-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 | 25 | % |
| SN | 2300246C | 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 | | |
| Cal Lab Probe & Test Module | Spec | | | | | |
| Temperature (°F) | 1 | 75.5 | -0.3 | +0.3 | 75.5 | |
| | 2 | 242.2 | -2.6 | +2.6 | 243.4 | |
| | 3 | -43.1 | -1.6 | +1.6 | -43.1 | |
| | | | | | | |
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| | | | | | | |

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

10-Mar-2025 10-Mar-2027
 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 | 25 | % | |
| SN | | 2500095 | 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 | | |
| Cal Lab Module & Test Probe | Spec | | | | | |
| Temperature (°F) | 1 | 75.5 | -0.3 | +0.3 | 75.5 | |
| | 2 | 242.2 | -2.6 | +2.6 | 243.4 | |
| | 3 | -43.1 | -1.6 | +1.6 | -43.1 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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

10-Mar-2025 10-Mar-2027
 Calibration Date Date Due

Hoover Instrument Service, Inc.
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To: **Airflow Pros**
1001 Eastwind Drive - Suite 203
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Test Report # 66354
 P.O.# _____
 Date: 3/24/25

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

| | Hoover | Customer | Hoover | Customer | Hoover | Customer |
|--|--------------------------|----------|--------------------|-------------|-------------------------------|-------------|
| Make: | Amprobe | | feet/minute | | temperature fahrenheit | |
| Description: | anemometer | | <u>280</u> | <u>288</u> | <u>69.2</u> | <u>69.6</u> |
| Model # | TMA-10A | | <u>525</u> | <u>533</u> | | |
| Mfg Serial # | 15040025 | | <u>763</u> | <u>778</u> | | |
| Customer # | | | <u>988</u> | <u>1006</u> | | |
| RH % <u>37</u> Temperature: <u>21</u> °C | | | <u>1240</u> | <u>1275</u> | | |
| Accuracy: | | | <u>1520</u> | <u>1552</u> | | |
| | 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: Due Date: Notes:

| | | |
|--------------------------------|--------------|--|
| Tegam #855 s/n T-113227 | <u>12/25</u> | |
| TSI #8330 s/n 95030100 | <u>6/25</u> | |

Calibration Procedure: 5075-23 Revision: 0
 Calibration Cycle: 1 year

Tested By: [Signature] Quality Control: [Signature]

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, Ohio 43081

Test Report # 66357
 P.O.# _____
 Date: 3/24/25

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

| Make: | TSI | inches of water | | PSI | | feet of water | |
|-----------------------|----------------------|-----------------|----------|--------|----------|---------------|----------|
| | | Hoover | Customer | Hoover | Customer | Hoover | Customer |
| Description: | hydronic manometer | 25.00 | 24.6 | 5.00 | 4.952 | 1.000 | 1.00 |
| Model # | HM-675 | 50.00 | 49.4 | 10.00 | 9.944 | 2.000 | 1.98 |
| | | 75.00 | 74.2 | | | 3.000 | 2.98 |
| Mfg Serial # | 71540171 | 100.00 | 99.0 | 25.00 | 24.95 | 4.000 | 3.99 |
| | | 150.00 | 148.9 | | | 5.000 | 4.98 |
| Customer # | | 200.00 | 199.3 | 50.00 | 49.96 | 7.500 | 7.48 |
| | | 250.00 | 249.1 | | | 10.00 | 9.97 |
| RH % | 37 | 300.00 | 298.9 | 75.00 | 74.95 | 25.00 | 24.95 |
| | | 350.00 | 349.1 | | | 50.00 | 49.92 |
| Accuracy: | | 400.00 | 399.2 | | | 75.00 | 74.89 |
| | | 500.0 | 499.2 | | | 100.00 | 99.88 |
| | +/- 1% of rdg. | 750.0 | 748.9 | | | 150.00 | 149.8 |
| | or +/- 0.036 psi | 1000.0 | 1000 | | | | |
| | +/- 0.08 ft of water | 1250.0 | 1250 | | | | |
| | +/- 1.0 in of water | 1500.0 | 1500 | | | | |
| | 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
2/26

Notes:

Calibration Procedure: 5040-33

Revision: 0

Calibration Cycle: 1 year

Tested By: 

Quality Control: 