



Introducing the VELTRON III Pressure & Airflow Transmitter

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Largo, FL - Air Monitor Corporation is proud to unveil its latest innovation, the VELTRON III Pressure & Airflow Transmitter, a pivotal addition to the HVAC industry. Designed for cutting-edge building airflow distribution systems, fan inlet airflow measurement, and room pressurization, the VELTRON III is set to redefine the standards of reliability and accuracy in airflow measurement.

The VELTRON III is a multifunctional, dual-channel transmitter specifically engineered for HVAC airflow measurement applications. Its versatility shines through as it seamlessly integrates with differential or static pressure measurement devices, including probes, stations, piezo rings, and traverse-style fan inlet probes.

Features:

- $\pm 3\%$ of the reading when combined with AMC sensors
- Stacked transducers for higher accuracy over a wider turndown
- Dual channel configuration to measure two separate applications with one transmitter
- Field characterization for better performance in limited straight run
- Air density and relative humidity adjustment
- BACnet and MODBUS Communication

The VELTRON III stands out with its 3% of Reading Accuracy when combined with Air Monitor probes, outperforming traditional percentage-of-full-scale measurements. Its Dual-Channel capability minimizes the need for multiple transmitters, enabling use in split systems by combining or subtracting two flow rates or monitoring two independent flow streams.

Boasting a tailor-made array of precision transducers, the VELTRON III sets a new benchmark for turndown and accuracy, addressing the demands of modern high-performance buildings. What truly sets it apart is its revolutionary transducer design, eliminating the need for periodic re-zeroing—a common inconvenience with traditional differential pressure-based technologies.

Every VELTRON III comes individually calibrated, with all settings and outputs meticulously preconfigured for the intended application. Its outputs include native BACnet or MODBUS, along with up to four programmable analog outputs catering to airflow, temperature, velocity, differential pressure, or ambient pressure.

The advanced technology behind the VELTRON III extends its flow range, maximizing turndown ratio for specific applications and ensuring optimal performance. It also features Air Density Compensation, Field Characterization Capability, and Relative Humidity Adjustment for precise airflow measurements.

BAS/BMS Interface options are robust, offering up to four programmable analog outputs and one RS485 interface for native BACnet or MODBUS protocols. Additionally, the VELTRON III offers multiple enclosure options, catering to various installation locations with diverse environmental protection requirements.

"The VELTRON III Pressure & Airflow Transmitter embodies Air Monitor's commitment to innovation and precision," said Kenji Nulman, Product Manager at Air Monitor Corporation. *"It revolutionizes the way we measure airflow and pressurization in high-performance buildings, opening doors to new possibilities for building professionals."*

Read the [VELTRON III Catalog Sheet](#) for more information. For pricing & availability, [contact a local representative](#).



VELTRON III
Pressure & Airflow Transmitter

Air Monitor is a leading provider of airflow measurement solutions for a wide range of industries. With commitment to innovation and accuracy, Air Monitor Corporation empowers professionals to achieve superior building performance.