Environmental Controls

Davis Controls®

800-701-7460
www.daviscontrols.com

ABB provides products, systems and service solutions that not only enhance our customers' businesses, but also lessen their environmental impacts, through improved energy efficiency and increased industrial productivity;

- pH & Conductivity Transmitters
- AP, 7600 & TB (X)5 Series pH Systems
- AC200, TB2 Series Conductivity Sensors
- Endura AZ series Combustion Gas Oxygen Analyzer
- Navigator AW600 Silica & Phosphate Colorimetric Analyzers
- 8037 Sodium
- 9437 Dissolved Oxygen
- 9438 Dissolved Oxygen
- AZTEC 600 Colorimetric Analyzers
- AZTEC 600 Ion-Selective Electrode (ISE) Analyzers
- 4690 – Turbidity Systems
- AW400 Free and Total residual chlorine monitors
- AX480 & 9408 – Dissolved Oxygen System
- AWT420 Multi Channel Digital Transmitter

The Filtration and Separation Division of Parker Hannifin Corporation offers a line of stainless steel compressed air filters designed for those areas in food facilities that are frequently exposed to aggressive wash down chemicals.

These filters remove 99.99% for 0.01 micron particles and droplets of oil, water and rust. All viable organisms are removed from compressed air and other gases that can affect the taste, appearance and shelf life of food product. This efficiency is 99.9999+% at 0.01 microns, which is, at least 30 times better than the accepted standard for sterile air filters developed by the independent research organizations in the USA and UK. The filters are available in ¼″ to 1″ line sizes with flow capacities to 111 SCFM. Constructed of 304 stainless steel, these filters are in full compliance with the requirements of the FDA and will stand up to the harshest environments in the food and beverage industries. The product line comes complete with auto drains and a high efficiency filter cartridge installed.

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Danfoss

Won the coveted Environmental and Energy Efficiency Award at the inaugural Motion Control Industry Awards held at the National Conference Centre in Leesburg, VA. The organizers recognized Danfoss Drives for generating surplus power from wastewater treatment. Installing the most suitable AC drives improves process control, water quality and asset protection, and reduces energy and maintenance costs. The Danfoss portfolio includes VLT® drives – widely used in the water and wastewater industry – that ensure higher reliability and performance from your plant and increase the sustainability of water usage.

FLOWLINE™
LEVEL BEST

Flowline enables industrial manufacturers, chemical distributors, municipalities and energy or food providers to safely and efficiently manage their contained liquid and solid assets. Quality solutions measure tank inventories, automate tank processes, ensure workplace safety and protect the environment. Flowline designs, manufactures and markets the best level measurement and control instruments for your chemical, water, wastewater, oil and dry solid applications.

katronic

KATflow 100 is a compact clamp-on ultrasonic flow transmitter with a robust and practical design for permanent installation and flow measurement on single pipes. The instrument offers a cost-effective option owing to its simplified specification and availability of a range of transducer types. The simple operation of the KATflow 100 makes it the perfect product for large projects and customer specific solutions and includes a built-in data logger.

The KATflow 100 offers a wide range of input, output and communication interfaces and with matched pair temperature sensors provides precision thermal energy measurements and data logging.

KATflow 180: Gas Clamp-On Ultrasonic Flowmeter
This newly developed gas flowmeter technology allows for measurements as low as 15 PSIG in pipe sizes from 1 to 30 inches in commonly used pipe materials with velocities from 0.1 to 75 m/s. Sensor temperature ranges are -40 to 80°C, communication options are Modbus RTU and TCP/IP, with inputs for temperature pressure and gas compressibility.

KATflow 200: Hand-Held Clamp-On Ultrasonic Flowmeter
This lightweight, fully portable flowmeter is small, powerful, incredibly easy to use and can be operated with one hand, which makes it an ideal tool for use in confined spaces or when working at height. The KATflow 200 offers measurement performance normally associated with more complex and expensive devices and is complemented by the exceptional quality and robustness of the Katronic transducers.

KATflow 210: Portable Clamp-On Ultrasonic Flowmeters a portable flowmeter designed for long term flow logging in the field for up to 100 days and is rated IP 67 or 68. Applicable for leakage surveys, metering in pits or wet wells where flooding is likely, and irrigation systems this is the most robust portable meter manufactured. Measurable pipe sizes are 1 to 100 inches and temperatures from -30 to 130°C.

The choice of 4-20 mA, relay and open-collector outputs available on the KATflow 210 allow it to be used as a temporary replacement for existing in-line flowmeters when calibration is due. Available with Modbus communications this unit allows for simple integration to external wireless communications.

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