

# Flow & Energy Solutions

Provider of the most trusted Flow Meter, Energy Meter,  
and Critical Space Monitor and Control Systems.

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## Flow and Energy Measurement



### Meter Technology / Type:

- Insertion Turbine Flow Meters
- Insertion and Inline Electromagnetic Flow Meters
- Inline and Strap-on Ultrasonic Flow Meters
- Inline and Insertion Thermal Mass Flow Meters
- Insertion and Inline Vortex Flow Meters
- BTU Energy Meters

### Applications:

Chilled Water, Heating Hot Water, Condenser Water, Geo-Loops, Domestic Water, Steam Flow, Steam Energy, Condensate Return, Natural Gas, Compressed Air, Medical Gases

*1-year no-fault warranty and a 3-year manufacturer warranty on all meters.*

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## Air Flow Measurement & Building Pressure



### Meter Technology / Type:

- Thermal Dispersion – Ducted and Fan Inlet
- Pitot Tube – Ducted and Fan Inlet
- Delta P Measurement – OA Inlet Hoods
- Fan Array Transmitters – Piezo Ring Measurement
- Building Pressure Sensing
- Pressure Transmitters

### Applications:

Ducted and Fan Inlet Air Flow, RTU Outdoor Air Flow, Building Pressure Measurements, Room Pressure, Duct Pressure

*1-year no-fault warranty and a 3-year manufacturer warranty on all meters.*

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## Hospital Room Pressure Monitors and Controls



### Applications:

- Room Pressure Monitors
- Room Pressure Controls
- Thru-The-Wall Pressure Sensing
- ACH Monitoring

Isolation Rooms, Pharmacy Space, Operating Rooms, Chem Mixing, Sterile Rooms, Laboratory Space

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## Laboratory Monitors and Controls



### Applications:

- Direct Pressure Control
- Flow Tracking Control
- Space Temperature Control
- Fume Hood Control – Side Wall Sensing, Sash Sensing
- Air Valves, Dampers and Air Flow Stations, Pressure Monitoring

Chemical Fume Hoods, Pharmaceutical Labs, University Labs, Research and Development Labs, Critical Manufacturing Spaces

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## Gas & Refrigerant Detection



### Meter Technology / Type:

- Electrochemical
- NDIR
- Solid-State
- Sample Draw Pumps

### Gases Sensed:

- Toxic Gases – CO / NO<sub>2</sub> / H<sub>2</sub>S / NH<sub>3</sub> / Cl<sub>2</sub> / O<sub>3</sub> / SO<sub>2</sub>
- Combustible Gases – CH<sub>4</sub> / C<sub>3</sub>H<sub>8</sub> / H<sub>2</sub> / C<sub>2</sub>H<sub>6</sub>O / CH<sub>4</sub>+
- Traditional Refrigerants – R-22 / R-123 / R-514A / R-404A / R-407C / R-407F / R-507, R-134a / R-227ea / R-417A / R-422A / R-422D and More
- A2L Refrigerants – R-32 / R454B / R123 ze / R-1234yf
- Asphyxiants – CO<sub>2</sub> / O<sub>2</sub>

### Applications:

Parking & Vehicle Exhaust, Charging & Battery Systems, Refrigeration & Cooling, Food & Beverage, Healthcare & Education, Indoor Agriculture, Industrial & Mechanical, Recreation Facilities

## Dampers, Louvers and Access Doors



### Products:

- Control Dampers
- UL Rated Dampers – Fire Dampers, Smoke Dampers, Combination Fire/Smoke Dampers
- Louvers
- Louvered Penthouse
- Access Doors

## Industrial Flow Measurements



### Meter Technology / Type:

- Coriolis Meters
- Turbine Meter
- Gear Meter
- Paddle Wheel Meter

### Applications:

Industrial Fluids, Liquid Fuels, Oils, Hydraulic Fluids

## Gas Detection



### Meter Technology / Type:

- Electrochemical

### Gases Sensed:

- Toxic Gases – CO / NO<sub>2</sub>
- Combustible Gases – CH<sub>4</sub> / C<sub>3</sub>H<sub>8</sub> / H<sub>2</sub>
- Asphyxiants – O<sub>2</sub>

### Applications:

Parking & Vehicle Exhaust, Charging & Battery Systems