

MODEL 1232 ENERGY FLOW METER

The convenience of non-intrusive flow measurement in an affordable energy metering package.



FEATURES:

- Non intrusive flow measurement
- Extremely accurate and linear temperature measurement using matched RTD temperature sensors.
- Energy system can be totally non intrusive with use of surface mount temperature sensors.
- Certified and mass corrected energy calculation. An important consideration when making billing calculations.

Each component of the 1232 System is chosen for maximum accuracy, performance and durability.



FLOW—Non Intrusive Ultrasonic Design. High accuracy measurement of liquids to 400° F. Ideal for chilled water, condenser water and hot water. Auto-zero feature and ability to read to zero flow while not sacrificing high flow performance insures that every drop is measured and billed.



TEMPERATURE– Differential temperature is an extremely significant part of energy measurement. Typically this measurement is no more than 15° F in chilled water and can be as little as 1-2° F. The 1232 system utilizes precision matched 4 wire platinum RTD sensors directly connected to the energy computer eliminating lead length and transmitter error. Other temperature measurements devices can not match this standard. Surface mount sensors are available.

ENERGY COMPUTER - The 1232 Energy computer is certified and utilizes the latest digital circuiting to compute mass flow based upon the temperature at the flow meter location. It utilizes this information and the temperature data in the energy calculation. The unit is fully programmable and has a built in data logger, and display of energy, flow and temperature data. Analog, pulse and digital output are standard.



Applications:

- Performance monitoring
- Billing
- Energy allocation

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