

Badger® Series 380 Impeller Btu System	Energy Measurement System	Sample Specifications
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The energy measurement system shall be a microprocessor based digital unit, capable of calculating and outputting energy information. Energy information shall be either a scaled pulse output representing energy total or RS485 with complete information. The RS485 output providing complete information shall not be a Btu system option, but rather a standard feature. The RS485 shall communicate using either BACnet, MSTP or Modbus RTU. The complete information from this output shall include energy rate, energy total, flow rate, flow total, temperature one, temperature two, temperature differential, temperature mode, flow filter coefficient, temperature filter coefficient, specific heat coefficient, and fluid density coefficient.

The energy measurement system shall be available in tee sizes of ¾", 1", 1 ¼", 1 ½", and 2". The tee shall include a pre-installed RTD temperature sensor. A second temperature sensor will be included with two meters of cable and be pre-installed to the energy system. The flow sensor in the energy system shall be a non-magnetic impeller style. The electronics enclosure shall be Nema 4 rated.

The energy measurement system shall be a Badger Series 380 Btu System.

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