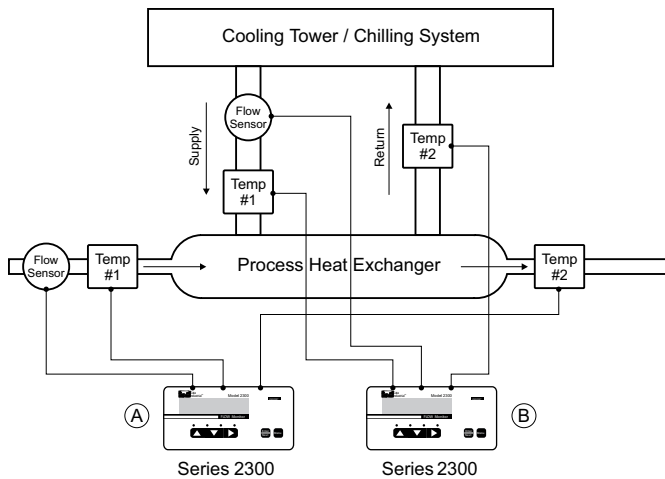


There are a tremendous number of industrial applications that could profit from installation of the Badger Meter Series 2300 Btu Meter. Interest in monitoring energy consumption and savings have been a primary focus of both large and small manufacturing companies.

The Badger Meter Series 2300 Btu Meter can help industrial customers maximize the efficiency of their heating systems, cooling systems, process control systems, etc. It can provide the appropriate energy-related data to determine if a process is in balance with other similar processes. Inefficiencies in heating or cooling costs for these procedures indicate that the system equipment requires service, upgrading, or expansion.

The following illustration shows a few typical locations for sensors and meters to help industrial customers verify or monitor energy loads at specific points in their process.



- (A) Determines Btu's actually used to maintain proces s temperature or Btu's actually recovered from "Free Cooling" system.
- (B) Determines Btu's removed by cooling tower from heat loop or amount of energy needed to maintain temperature of loop.

For reactor cooling, refrigeration loops, to help maintain temperatures of various processes such as plating lines. Badger Meter water systems, saltwater/freshwater cooling loops, or other general process cooling loops, the Series 2300 Btu Meter can help determine the minimum and maximum loads attached to both the direct process or the supporting fluid systems. The same locations would also enhance fluid heating systems or transfer systems.

The Badger Meter Series 2300 Btu Meter is simple to install and use. It helps take most of the guess work and mystery out of Btu monitoring. Locate two temperature sensors within 500 feet and one Badger Meter Sensor within a few feet of the T1 temperature sensor, and the Series 2300 is ready to help the industrial user evaluate facility or process capabilities and work loads. All units are calibrated by the user interface on the front of the meter. The Series 2300 displays two lines of information, such as Flow Rate, Flow Total, Temperature 1 and 2, Delta Temperature, Btu Total, or others. Up to two mechanical counters may be added to the front to display total flow and total Btu. The software is menu driven and allows for easy programming and calibration in the field. A password Lock is also provided to limit access to the programmed settings. The Series 2300 accepts both thermistor and RTD temperature sensors.

DAB-018-01

Badger® and Data Industrial® are registered trademarks of Badger Meter, Inc.

4-09



Please see our website at www.badgermeter.com for specific contacts.

Copyright © Badger Meter, Inc. 2009. All rights reserved.

Due to continuous research, product improvements and enhancements, Badger Meter reserves the right to change product or system specifications without notice, except to the extent an outstanding contractual obligation exists.



BadgerMeter, Inc.

6116 E. 15th Street, Tulsa, Oklahoma 74112
(918) 836-8411 / Fax: (918) 832-9962

www.badgermeter.com