

Sensus to Expand the *accuWAVE*[™] Diaphragm Meter Family

Industry-leading diaphragm technology now offered on Class 400 meter

Raleigh, NC (November 10, 2009) – The Sensus *accuWAVE*[™] diaphragm meter family is expanding. The model 415 meter with *accuWAVE diaphragm* technology will be released in the first quarter of 2010. The model 415, a Class 400 meter size, serves larger residences with higher heating loads as well as commercial and light-industrial applications. Its release comes on the heels of the Class 250 meter, the R275 with *accuWAVE diaphragm* that is designed for typical residential service, which was released earlier this year.

Utilities using *accuWAVE diaphragms* can achieve substantial savings in capital and operations expenditures because the meters stay in service longer and, where applicable, require less sampling and testing in order to verify their accuracy, according to Lee Gelnett, Director of Gas Engineering at Sensus and inventor of the patent-pending *accuWAVE diaphragm* technology.

“North American Local Distribution Companies continue to use large numbers of Class 250 and 400 diaphragm meters because they are a tried and proven, cost-effective measurement solution. With the introduction of the *accuWAVE diaphragm* in the model R275 earlier this year and now the expansion of this new diaphragm design into the model 415 meter, utilities now can leverage better absolute accuracy and stable performance over a life span that is measured in decades. We’re convinced *accuWAVE diaphragm* meters are the best technical solution and the best value out there,” Gelnett added.

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About the *accuWAVE*[™] Diaphragm and Diaphragm Technology

The diaphragms in a diaphragm meter are comprised of an elastomeric material that moves in and out to pass known volumes of gas through the meter. Over the life of a meter, its diaphragms may perform millions of cycles. The meter diaphragms have a long life-cycle, so that a meter can stay in service for decades. The volume that the diaphragms contain over this time span must be consistent; ensuring gas flowing through the diaphragms is measured accurately. The patent pending *accuWAVE diaphragm* design achieves this long life and accuracy better than previous designs and better than any other diaphragm designs tested by Sensus. The diaphragm material is a Buna-Nitrile compound suffused with high-strength reinforcing fibers. The material is compression molded to exacting tolerances, a contrast to the widespread current practice of cutting diaphragms from flat sheets of Buna-Nitrile that are made with a woven reinforcing fabric. These cut blanks are then formed via a heat-shaping process into the classic diaphragm shape.

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The *accuWAVE diaphragm* shape is molded into a series of nesting ridges and troughs. Expansion and contraction motions are smooth and uniform, similar to the movement of a stereo speaker. The *accuWAVE diaphragm* is characterized by a concentric, uniform motion. The combination of material, molding process, and final shape results in a diaphragm that is free from the residual stresses of molding a two-dimensional fabric into a three-dimensional shape.

About Sensus

Sensus is a time-tested technology and communications company providing data collection and metering solutions for water, gas and electric utilities around the world. Sensus is a transforming force for the utilities of tomorrow through its ability to help customers optimize resources, as well as to meet conservation and customer service objectives. Sensus customers rely on the Company for expert, reliable service in order to meet challenges and exceed goals. For more information, visit www.sensus.com.

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