

QS200 ULTRASONIC FLOW SENSOR FOR IRRIGATION

FLAMEC®



MONITOR TURF AND LANDSCAPE INVESTMENTS WITH PROVEN PRECISION

QS200 sensors can detect leaks and partial line blockages in irrigation systems that other sensors miss - providing key warnings before costly effects happen!

A small leak can quickly add up to more than \$1200 in annual water expense, **PLUS** the additional expense of lost turf, plants, and associated labor costs.

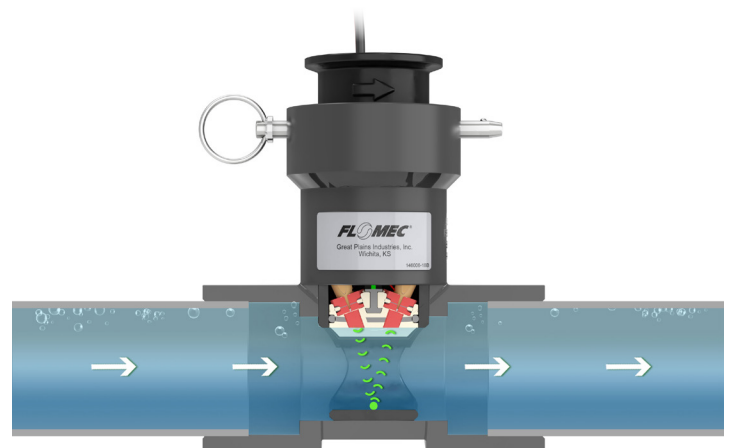
QS200 design features NO moving parts.

The ultrasonic design provides additional savings in maintenance costs. When compared to impeller-style options:

- Winterization is easy! No need to remove QS200 sensors from irrigation systems.
- Replacement of a sensor is an easy drop-in step, saving valuable maintenance time.

Looking to upgrade to QS200? It's the perfect drop-in replacement for Data Industrial paddlewheel sensors in 1.5 – 4" PVC tee sizes.

LEAK DETECTION
as small as 0.5 GPM
could save owners
\$1206
in annual water costs*



*Average cost of commercial water usage for 2022: epa.gov

Wichita · Sydney

GREAT PLAINS INDUSTRIES



QS200 INSERTION FLOW SENSOR: 1, 1½, 2, 3, 4 IN. PIPE SIZES



With Schedule 80 PVC TEE

FLOW SENSOR ELECTRONICS INSERT



For Schedule 80
PVC TEE or Saddle

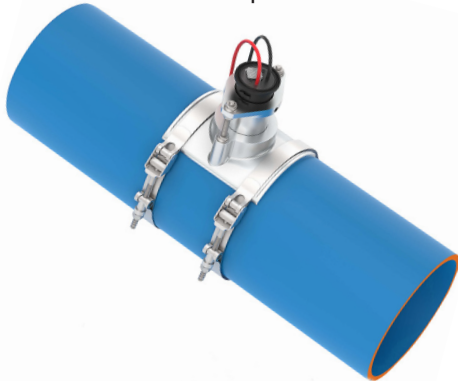
FEATURES & BENEFITS

- **Dependability:** best low flow capabilities - extended leak detection down to 0.1 fps (0.03 m/s)
- **Low Maintenance:** no moving mechanical parts, zero maintenance for winterization
- **Efficiency:** low cost, easy installation, simple two-wire connection, easy lifetime maintenance
- **Accuracy:** Unprecedented accuracy $\pm 2\%$ of reading
- **Simple:** LED light indications – green for power and amber for pulse
- **Flexibility:** Available with PVC tee or as an insert retrofit; fits 1" – 4" pipe; great with turf irrigation, drip irrigation, parks, HOAs, and other commercial applications
- **Compatibility:** pairs with common name brands of irrigation controllers

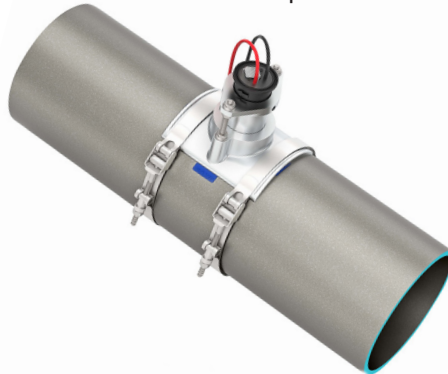
QS200 inserts are supplied with 18 AWG solid copper wire leads that are 36 inches (914.4 mm) in length with UL Style 116666 direct burial insulation.

QS200 SADDLE SERIES: 6, 8, 10, AND 12 IN. SADDLE SIZES

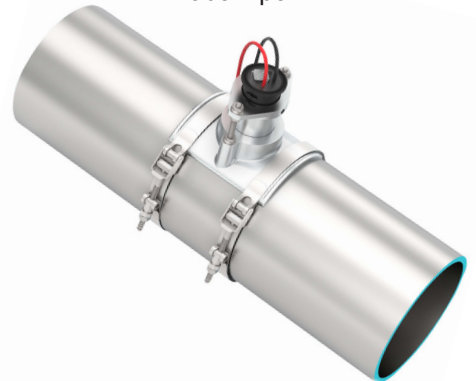
PIP Pipe



NPS IPS Pipe



Tube Pipe



The 6 in., 8 in., 10 in., and 12 in. saddles are designed exclusively for the QS200 Insertion Ultrasonic Flow Sensor. Supporting commercial and agricultural irrigation applications on large-size pipes, the QS200 will accurately provide the information your controller needs to display the flow rate and accumulated total.

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CE IP68