



APPLICATION BRIEF

COMMERCIAL POOL WATER MANAGEMENT

June 11, 2025

PROJECT OVERVIEW

There is natural water loss due to evaporation and splash-out in pools, splash pads, and fountains that periodically need replaced but some water replacement is due to leaks, overflows and drainage. Being able to monitor the amount of water replacement per event with a flow meter allows the owner/ operator to establish a baseline of "normal" and determine if there are other more significant issues that need to be addressed.

Meter Requirements:

- Flow meter needs to be repeatable in measurement accuracy for reliable data.
- Simple, compact and battery operated so no additional parts, or equipment is needed to gain valuable data without major change to current process and training.
- With little initial product and installation cost, discovering a single loss water incident pays off this investment.

PRODUCT SPECIFICATIONS



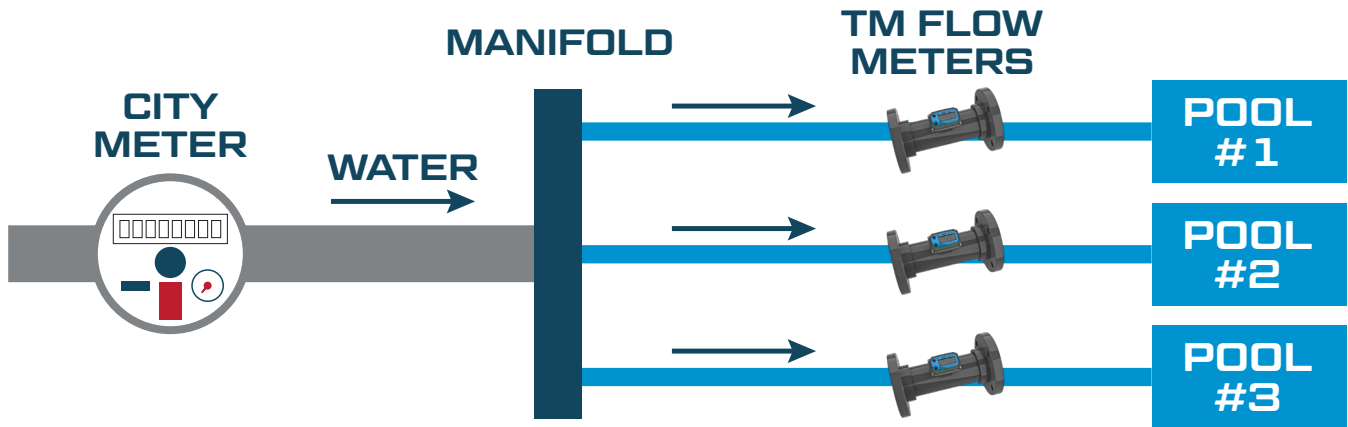
TM

- Accurate to within 3% of flowrate
- Repeatability of 0.1%
- Schedule 80 PVC construction
- NPT, Spigot or Flange (3" and 4") fittings available
- Local LCD display with resettable batch totals
- Standard AA battery with 2-year battery life
- IP65/NEMA 4 rating to withstand wet outside conditions

PRODUCT SPECIFICATIONS - CONT.

AQUAsonic[®]

- Schedule 80 PVC Tees, 1", 1½", 2", 3"
- Max working temperature: 32°F to +140°F (0°C to +60°C)
- Battery Powered Local display – no wiring required
- No rotating components, no bearings to wear
- Can handle sand and silt from wells
- Can handle light organic loading (strained)
- Ease of installation. Fast install on 6" to 12" lines
- Wide flow range. 150:1 turndown!
- 2% accuracy across flow range
- Variety of end connections
- Competitively priced
- NSF rating on Tee configurations



PRODUCT SOLUTION

FLOME[®] TM Series Water Flow Meter with Q9 rate/totalizer display is an all-in-one product that allows an owner/operator to visually see the amount of water that is being dispensed. The owner/operator can now simply attach a flow meter to the inlet water line and record the fill volume for each pool or splash pad area with minimal change to current fill process.

With line sizes from ½" to 4" and various fitting types, fill rates and compatibility will not be an issue.

For applications that only need a local read, the battery-powered AQUAsonic[®] flow meter is a great choice for pipes from 1" to 12".