

# FLOW METERS



## ULTRASONIC INLINE FLOW METERS



**Ultrasonic Inline Flow Meters** are engineered to elevate water treatment and usage measurement. The ultrasonic inline flow meter module operates as a pulse generating device with corresponding K Factor for accurate flow measurement when connected to commonly used industry controls. Made in USA.

### FEATURES

- Innovative use of ultrasonic technology uses no moving parts within the water stream to increase service life
- Stainless steel construction ensures durability and reliability even in the most demanding environments
- Familiar pulse output mode operation allows meter to be applied to wide variety of control devices
- Meter module can be updated or serviced without removing meter body from plumbing
- Passivated surfaces and materials resist scaling
- Highly visible LED flow indicator
- Male threaded inlet adapter for direct mating to treatment control valve
- Boss provided on outlet for drilling/tapping 1/4 inch sample port

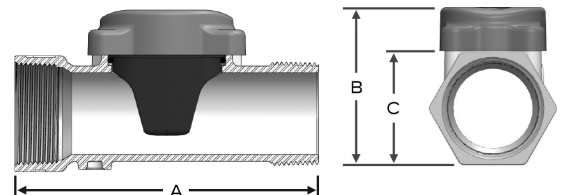


### SPECIFICATIONS

Max Pressure . . . . . 125 psi (8.6 bar)  
 Water Temperature Range . . . . . 34°F (1°C) to 100°F (38°C)  
 Operating Power . . . . . 5 to 24VDC\*

\* Confirmed to work with Clack, Fleck, Autotrol, Culligan, and AQ Matic controllers.

### DIMENSIONS



### Ultrasonic Inline Flow Meters

Part Number	Pipe Size Inches	Thread Type**	Operating Range			K Factor Pulses/Gal	Dimensions			Weight Lbs
			Low Flow Threshold	Typical Flow 0.1 ft/sec to 10 ft/sec	Max Flow 16 ft/sec		Overall Length (Dim A) Inches	Overall Height (Dim B) Inches	Hex Width Flat to Flat (Dim C) Inches	
QA-FM100	1.0	NPT	0.12 gpm (0.45 lpm)	0.3 to 24.5 gpm (1.1 to 93 lpm)	39 gpm (147 lpm)	40 (10.57/Liter)	5.6	2.5	1.6	1.7
QA-FM150	1.5	NPT	0.25 gpm (0.95 lpm)	0.6 to 55.1 gpm (2.3 to 209 lpm)	88 gpm (333 lpm)	30 (7.93/Liter)	5.6	3.0	2.1	2.0
QA-FM200	2.0	NPT	0.45 gpm (1.7 lpm)	1.0 to 98.0 gpm (3.8 to 371 lpm)	156 gpm (590 lpm)	20 (5.28/Liter)	5.6	3.5	2.6	2.4
QA-FM300	3.0	NPT	1.4 gpm (5.3 lpm)	2.2 to 220.5 gpm (10.6 to 835 lpm)	353 gpm (1336 lpm)	10 (2.64/Liter)	6.9	4.5	3.8	4.2

\*\* Available with BSP thread. Add 'BSP' to end of part number. Example: QA-FM100BSP.

### NOTES:

Uniform Plumbing Code recommends that water velocity remain below 8 ft/sec.  
 3-foot Meter Cable (P/N QA-FM-CABLE) included. Optional 8-foot Meter Cable Extension (P/N QA-FM-CABLEEXT) available.