



Flexible Axis Meter Model FAM

The FAM (Flexible Axis Meter) - The new concept in design and construction of water meters, is revolutionizing residential metering.

Along with a 360° installation range and choice of connection methods, FAM offers maximum performance in a design that complies with or exceeds accuracy, operating, design and material requirements of leading standards like ISO, AWWA and others.

Features

- The FAM flow tube can be installed horizontally, vertically or at any angle in between. Regardless of the angle of flow tube installation, the measuring chamber remains horizontally. Allows easy installation without re-plumbing, making sub metering retrofit affordable in many previously impractical installations.
- Choice of Connectors To further simplify installation, the FAM flow tube can be installed either with threaded or solder-joint connections.
- The FAM flow tube is supplied with a dualpurpose plug that allows water flow through the line for flushing or system pressure testing.
- When it's time for meter installation, just unscrew the plug and replace it with the measuring unit.
- Electronic Reading Compatible: EV, all DIALOG registers including the Dialog 3G wireless register.

Applications

For domestic and Sub metering installations

Available Sizes

3/4"

Standards

ISO 4064, AWWA C 708

Technical Specifications

Maximum Working Pressure	10 bar
Maximum Working Temperature	50°C
Body	Nylon
Flow tube	Corrosion proof copper alloy
Coupling threads	BSP, NPT



FAM type dial





► Velocity Type Meters

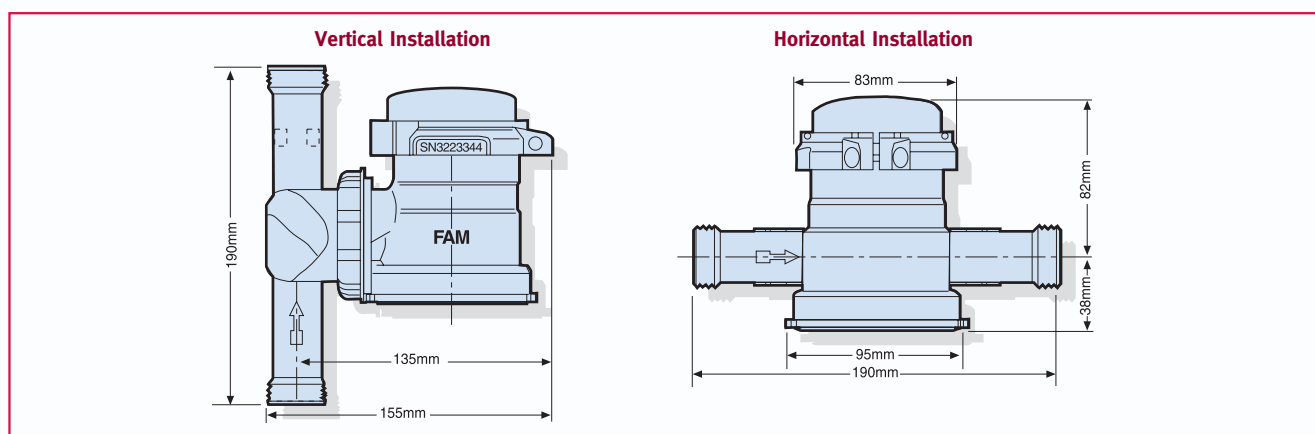
- └ Multi Jet - FAM
- └ Single Jet

Volumetric Meters

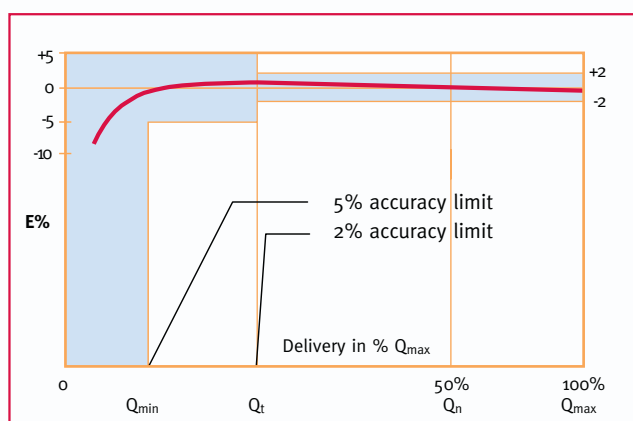
Performance data

Model	Nominal Size (inch)	Q _{max} Maximum flowrate (m ³ /h)	Q _n Nominal flowrate (m ³ /h)	Q _t Transitional flowrate (l/h)	Q _{min} Minimum flowrate (l/h)	Maximum register capacity (m ³)	Minimum register capacity (liter)	Accuracy between Q _{max} & Q _t	Accuracy between Q _t & Q _{min}
FAM20	3/4"	5	2.5	200	50	10 ⁵	0.1	±2%	±5%

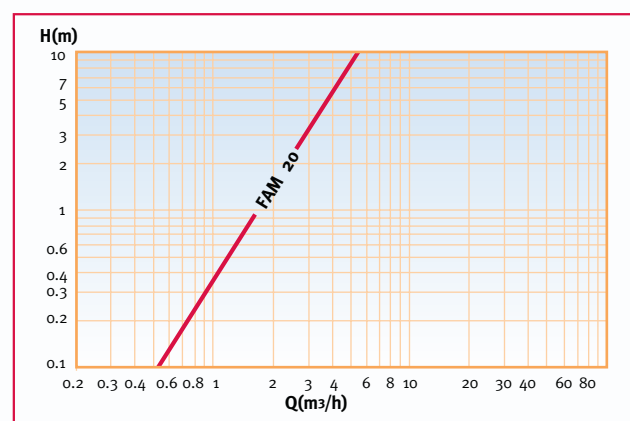
Dimensions



Accuracy Curve



Head Loss Curve



Installation Requirements

- Multi angle installation



Horizontal Installation



Vertical Installation



Diagonal Installation

