



Data Sheet

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Ultrasonic Water Meter Specifications:

This ultrasonic water meter is specially designed for domestic water metering applications where conventional water meters fail due to harsh environment, solids in water, performance degradation, magnetic vandalization or incapable of leakage detection. The meter offers the most advanced water flow measurement by using state-of-the-art ultrasonic technology. Its flow sensor does not have any moving parts that can wear or tear, which provides a robust and accurate meter with no maintenance. The technical specifications of the unit meet the standards for residential utility metering with its Class D performance, operational temperature from 0.1°C to 60°C and safety temperature up to 85°C, as well as nominal pressure of 1.6MPa. The wide dynamic range allows for a load up to double the rating, thereby ensuring high operation security. The large LCD can display the flow total, leakage alarm, reverse flow, and more.



Size		Flowrate						Dimensions						Pressure Loss (bar)	Weight (kg)	Pipe Joint (BSP)	
mm	in	Q ₃		Q ₄	Q ₂	Q ₁	Q ₅	L		L1	H	H1	Φ			Sensor	Ext. Piece
		m ³ /h	GPM	m ³ /h	l/h	l/h	l/h	mm	in	mm	mm	mm	mm				
15	½	2.5	11.0	3.125	16	10	3	165	6 ½	261	102	167	108	0.48	0.8	G3/4B	R1/2
20	¾	4	17.6	5	25.6	16	4	190	7 ½	296	107	172	108	0.27	0.95	G1B	R3/4
25	1	6.3	27.74	7.875	40.32	25.2	5	225	8.86	347	112	177	108	0.23	1.2	G1 1/4B	R1
32	1 ¼	10	44.03	12.5	64	40	6	260	10 ¼	386	121	186	108	0.38	1.4	G1 1/2B	R1 1/4
40	1 ½	16	70.45	20	102.4	60	8	245	9.65	366	132	197	108	0.42	1.6	G2B	R1 1/2

