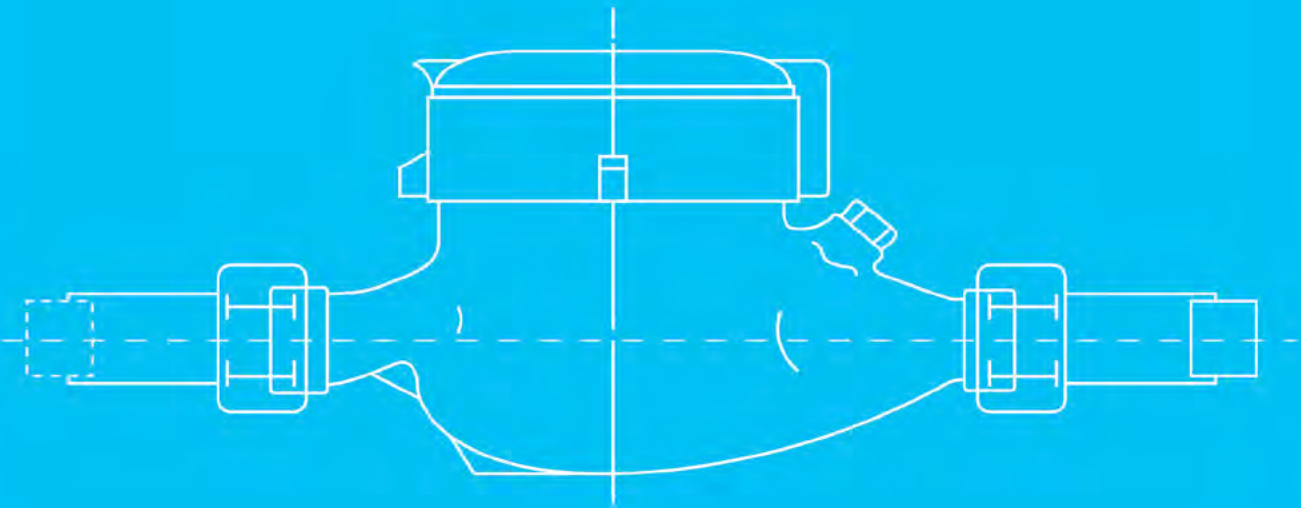


Water Meters



BULK ULTRASONIC WATER METER

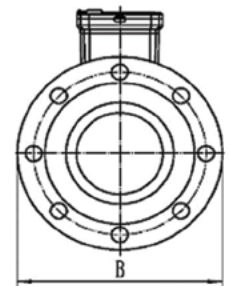
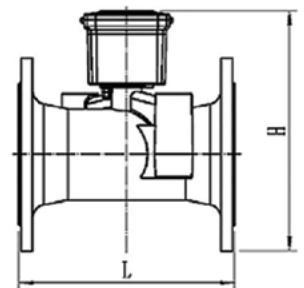
Features

- Low starting rate (0.033m³/h), , able to accurately measure
- Flow rate as low as 0.0625m³/h
- Dynamic range (Q₃/Q₁) achieved 400:1 (better than Class D)
- No mechanical moving parts, no abrasion, allowing long-lasting lifetime.
- No measurement of air
- Installation in any position
- Displaying of error and alarm codes
- Optional battery provision
- Support RS-485(Modbus protocol), Pulse, LoRa/LoRaWAN, e GPRS, NB-IoT, concentrated management
- Suitable for outdoor installation
- Resistant to impurities



Nominal diameter (mm)	LXLC-50	LXLC-65	LXLC-80	LXLC-100	LXLC-125	LXLC-150	LXLC-200	LXLC-250	LXLC-300
Length L (mm)	200	200	225	250	250	300	350	450	500
Width B (mm)	170	185	200	220	250	285	340	405	460
Height H (mm)	215	220	235	255	285	335	405	470	525

Outline dimensional drawing



Technical parameter

Nominal diameter (mm)	50	65	80	100	125	150	200	250	300
Maximum flow Q ₄ (m ³ /h)	3.125	50	7.875	125	200	312.5	500	787.5	1250
Permanent flow Q ₃ (m ³ /h)	2.5	40	6.3	100	160	250	400	630	1000
Transitional flow Q ₂ (m ³ /h)	0.16	0.256	0.403	0.64	1.024	1.6	2.56	4.032	6.4
Minimum flow Q ₁ (m ³ /h)	0.1	0.16	0.252	0.4	0.64	1	1.6	2.52	4
Start-up flow (m ³ /h)	0.033	0.06	0.09	0.14	0.21	0.31	0.56	0.88	1.2
Maximum reading	99999.999								
Reverse flow	99999.999								
Measuring range	Q ₃ /Q ₁ , R250 (R400 customizable)								
Accuracy class	Class 2								
Pressure loss class	<0.025MPa								
Working pressure	1.6 MPa								
Temperature class	T50								
Temperature range	(5 -55)°C								
Environment class	Indoor, Class B								
Electromagnetic class	E1 (Residential, Commercial and Industrial)								
Power supply	Built-in lithium battery DC 36V								
Battery life	8 - 10 years								
Installation position	Any angle								
Display	LCD, 8 digits + additional characters								
Installation pitch	U10/D5								
Communication interface	RS485 modbus/Pulse output/GPRS/NB-IOT								
Protection class	IP68								



Precision in Every Drop
Since 2006