



B39 VW-M

Bulk Ultrasonic Water Meter



B39 VW-M, the high-precision bulk Ultrasonic Water Meter with double flow sensing channels, developed for indoor/outdoor Commercial, District, Industrial, and Agricultural applications.

Features



Upto R500



Long Duration Life Time



Support Multiple Application



AMR Ready (wired & wireless)



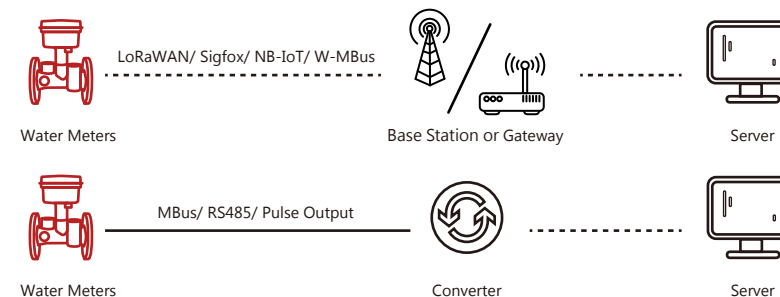
Main Pipe Supplying



Enlarged LCD

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How does it work?



Model	Diameter DN (mm)	Nominal Flow	Transitional Q ₂ (m³/h)	Minimum Q ₁ (m³/h)@R500	Flange Outer	Length (mm)	Connection
DN50	50	25	0.08	0.05	165	200	4×M16
DN65	65	40	0.128	0.08	185	200	4×M16
DN80	80	63	0.2016	0.126	200	225	8×M16
DN100	100	100	0.32	0.2	220	250	8×M16
DN125	125	160	0.512	0.32	250	250	8×M16
DN150	150	250	0.8	0.5	280	300	8×M20
DN200	200	400	1.28	0.8	335	345	12×M20
DN250	250	630	2.016	1.26	405	445	12×M24
DN300	300	1000	3.2	2	460	500	12×M24
DN400	400	1600	5.12	3.2	580	600	16×M27
DN450	450	2500	8	5	640	650	20xM27
DN500	500	2500	8	5	715	600	20xM30
DN600	600	4000	12.8	8	840	600	20xM33
Upto DN900, refer to BOVE for detail specs							
Temperature	Medium Range: 0.1°C.....30/ 50°C (T30 / T50) Ambient temperature: 5~55 °C Storage temperature: -20~60 °C						
Pipe Materials	Cast iron						
Metrological Class	Class 2						
Ratio (Q ₃ /Q ₁) (optional)	R125, R200, R250, R500						
Maximum Admissible Pressure	1.6 MPa						
Pressure Loss	ΔP < 40 kPa						
Flange Standard (optional)	ANSI, GB (DIN)						
Pressure Stage	PN16						
Installation Position	U10 / D5						
Protection Class (optional)	IP65 / IP68						
Battery Lifespan (optional)	3.6 VDC lithium battery, 6 / 10 / 16 years lifetime						
Data Storage (optional)	24/120 logs, daily / weekly / monthly						
Electromagnetic Environmental Class	E1						
Mechanical Environmental Class	M1						
Mechanical Environmental Conditions	B						
Interface & Communication (optional)	IrDA, LoRaWAN, Sigfox, NB-IoT,W-MBus, RS485, MBus, Pulse Output						
Assembly Orientation	H, V, H / V						
Display and Indication	Unit: m³ / Gallon (optional) LCD: 9-digits						