

Octave™

A high-end ultrasonic meter, with revolutionary technology and no moving parts, designed for maximum accuracy and minimal maintenance.



Stainless Steel



Cast Iron



Superb
quality



High
durability



User
friendly

/ Benefits & Features

→ Superb quality

Adheres to the highest industry standards, ensuring superior performance. Guarantees reliability across applications.

→ High durability

Offers superior resistance to chemicals and acids, minimizing maintenance and repair costs. Components are crafted from materials designed to withstand high acid concentrations found in mines.

→ User friendly

Offers intuitive design and simple handling

/ Specifications

- Maximum working pressure – 16 bar.
- Liquid temperature – 0.1 up to 50°C.
- Power source – 2 D size Li-battery: up to 15 years life time.
- Volume display options – 1. Net (Forward less reverse) 2. Forward only 3. Reverse only 4. Forward & reverse alternating.
- The meter must be full with water all the time.

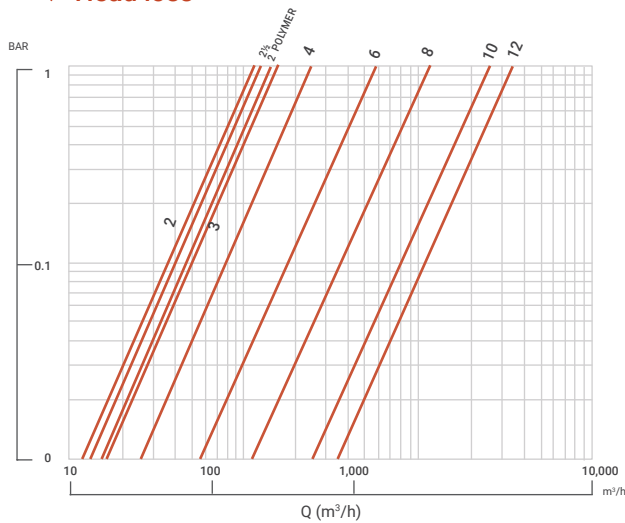
→ Data

Meter size	Q1 Min. flow rate (m³/h)	Q2 Transitional flow rate (m³/h)	Q3 Permanent flow rate (m³/h)	Q4 Overload flow rate (m³/h)	Q3/Q1 (R Value)	Starting flow (m³/h)
DN 40-1½"	0.160	0.256	40	50	250	0.025
DN 50-2"	0.080	0.125	40	50	500	0.025
DN 65-2½"	0.080	0.125	40	50	500	0.025
DN 80-3"	0.125	0.200	63	80	500	0.025
DN 100-4"	0.200	0.320	100	125	500	0.025
DN 150-6"	0.500	0.800	250	313	500	0.200
DN 200-8"	0.800	1.280	400	500	500	0.200
DN 250-10"	2	3.2	1000	1250	500	0.500
DN 300-12"	2	3.2	1000	1250	500	0.500

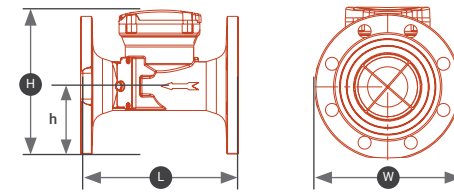
→ Technical dimensions

Diameter	mm	40 Thrd.	50 Thrd.	50	65	80	100	150	200	250	300
	inch	1½ Thrd.	2 Thrd.	2	2½	3	4	6	8	10	12
L - Length without couplings (mm)		300	300	200	200	225	250	300	350	449	499
w- Width (mm)		113	113	165	185	200	220	285	340	406	489
H - Height (mm)		155	155	194	210	210	223	282	332	383	456
h - Height (mm)		35	35	40	90	90	103	140	165	203	245
Weight (kg) - Cast iron body			8	9	11.5	13	15	32	45	68	96
Weight (kg) - Polymer body		1.4	1.45								
Weight (kg) - Stainless Steel body		4	4	6		7	9.5	16			

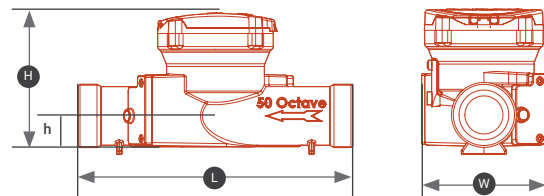
→ Head loss



Flanged



Threaded



→ Catalog numbers

Material	Diameter	Connection type	Catalog number
Cast Iron	2"	ISO	70240-014020
		BSTD	70240-014000
		ANSI	70240-013975
	3"	ISO	70240-014120
		BSTD	70240-014100
		ANSI	70240-014155
	4"	ISO	70240-014250
		BSTD	70240-014200
		ANSI	70240-021452
	6"	ISO	70240-014300
		BSTD	70240-014350
		ANSI	70240-021453
	8"	ISO	70240-014400
		BSTD	70240-014450
		ANSI	70240-021454
	10"	ISO	70240-014490
		BSTD	70240-014500
		ANSI	70240-021455
	12"	ISO	70240-014550
		BSTD	70240-014560
		ANSI	70261-000485

Material	Diameter	Connection type	Catalog number
Plastic	1½"	BSP	70240-013910
	2"		70240-013982
Stainless Steel	2"	BSP	70240-000205
		ISO	70240-000206
		BSTD	70240-000200
		ANSI	70240-021490
	3"	ISO	70240-000207
		BSTD	70240-000201
		ANSI	70240-021491
	4"	ISO	70240-000208
		BSTD	70240-000202
		ANSI	70240-021492
	6"	ISO	70240-000209
		BSTD	70240-000203
		ANSI	70240-021493

→ Module type

Module type	Catalog number
Solid state relay	70220-060410
Open drain	70220-060400
4-20mA	70220-011565