

Octave™

ULTRASONIC TYPE

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



Accurate



Durable



Remarkable

Benefits & Features

- ✓ Suitable to changing conditions (high & low flows)
- ✓ Extremely high accuracy & negligible head loss
- ✓ Programmable features and clear display



Specifications & Recommendations

- **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
- For details view the installation manual

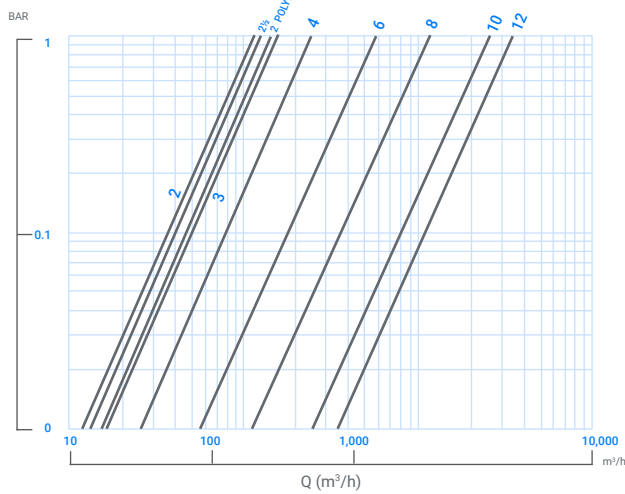
→ PERFORMANCE DATA

METER SIZE	Q1 MIN. FLOWRATE (M ³ /H)	Q2 TRANSITIONAL FLOWRATE (M ³ /H)	Q3 PERMANENT FLOW RATE (M ³ /H)	Q4 OVERLOAD FLOW RATE (M ³ /H)	Q3/Q1 (R VALUE)	STARTING FLOW (M ³ /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	0.2
DN 200-8"	0.800	1.280	400	500	500	0.2
DN 250-10"	2	3.2	1000	1250	500	0.5
DN 300-12"	2	3.2	1000	1250	500	0.5

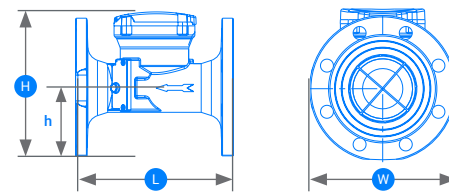
→ TECHNICAL DIMENSIONS

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			

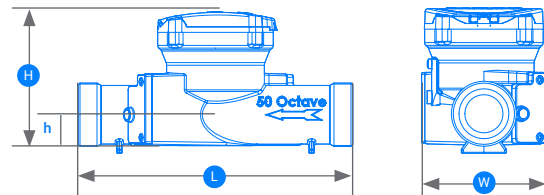
→ HEAD LOSS



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
	3"	ANSI	70240-021490
		ISO	70240-000207
		BSTD	70240-000201
	4"	ANSI	70240-021491
		ISO	70240-000208
		BSTD	70240-000202
	6"	ANSI	70240-021492
		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