

Octave High Flow

Ultrasonic Water Meters

**NEW PRODUCT
ANNOUNCEMENT**



octave
Ultrasonic Water Meters

Application

ARAD, a leading solution provider of ultrasonic water meters, has announced the release of a new product line - The Octave High Flow.

The new Octave high flow, a product expansion for the company's Octave Series, is designed for applications where significant volumes of water are transferred. The Octave high flow line is characterized by 2.5 time higher Q3 than Octave line.

Available Sizes

3" - 8" (80mm - 200mm)

Standards

MID approval number UK/0126/0094

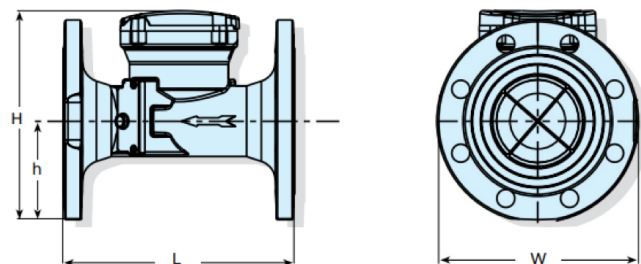
Special Features

- Stainless steel body- AISI 316 SS
- High working flow
- Temperature class- T50 (0.1°C – 50°C)
- Mechanical environment- M1
- ISO/ANSI/BS Floating Flanges
- Low pressure loss- $\Delta 0.1$ bar at Q3
- Maximum admissible pressure -16 Bar
- Electromagnetic environment- E1

General Dimensions

Model		Octave High Flow			
Nominal size	(mm)	DN 80	DN100	DN150	DN200
	(inch)	3	4	6	8
L - Length (mm)		225	250	300	350
W- Width (mm)		200	220	285	340
H - Height (mm)		230	255	304	345.5
h - Height (mm)		110	115	143	172.5
Weight (kg)		11	14.3	22	32

Flanged



ARAD
Water Measuring Technologies

Octave High Flow

Ultrasonic Water Meters

Octave 4"



Octave 4" High Flow



Octave 4"



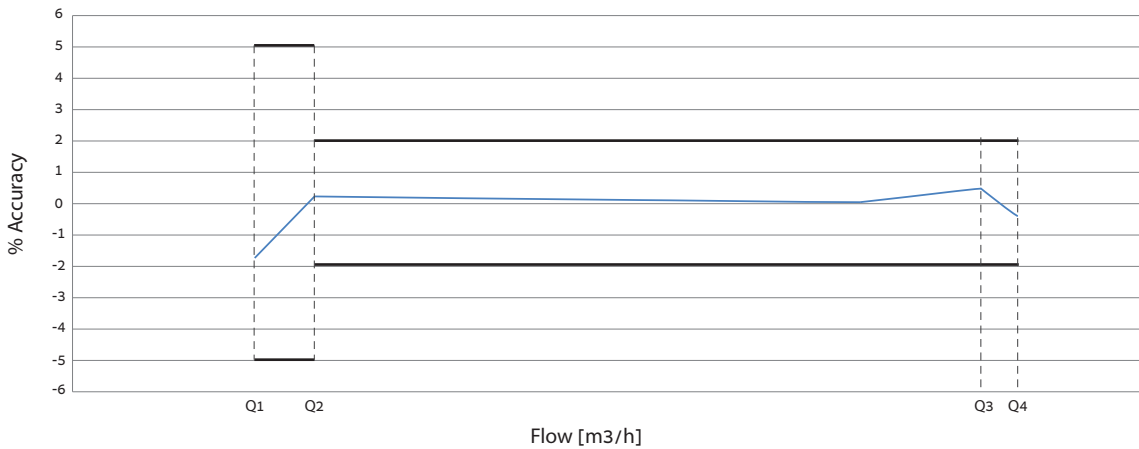
Octave 4" High Flow



Flow rates

Octave High Flow	Ratio (Q3/Q1)	Q1 [m3/h]	Q2 [m3/h]	Q3 [m3/h]	Q4 [m3/h]
DN 80 (3")	250	0.64	1.024	160	200
DN 100 (4")	250	1	1.6	250	312.5
DN 150 (6")	250	2.52	4.032	630	787.5
DN 200 (8")	250	4	6.4	1000	1250

Accuracy according ISO standard



Head loss

