

# **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

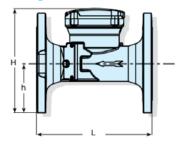
### **Special Features**

- Stainless steel body- AISI 316 SS
- High working flow
- Temperature class- T50 (0.1°C 50°C)
- Mechanical environment- M1
- **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

- ISO/ANSI/BS Floating Flanges
- Low pressure loss- Δ0.1 bar at Q3
- Maximum admissible pressure -16 Bar
- Electromagnetic environment- E1

## **Flanged**







# Octave High Flow Ultrasonic Water Meters

Octave 4"

Octave 4" High Flow

Octave 4"







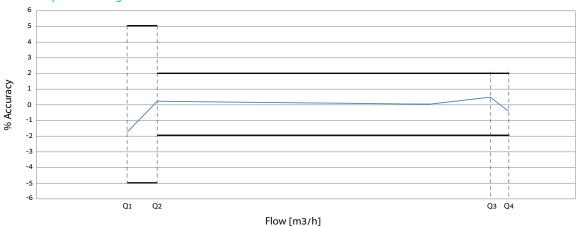
Octave 4" High Flow

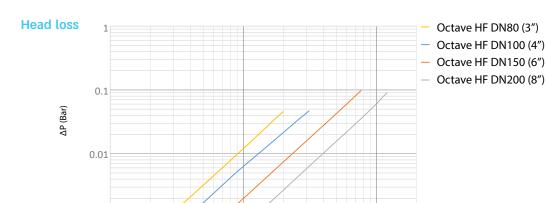


Flow rates

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**





Flow [m^3/h]



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