

ARAD™

Irrigation Type

Specially designed irrigation meters, with free water passage that allows the measurement of water with high content of impurities.



Reliable



Durable



Robust

Benefits & Features

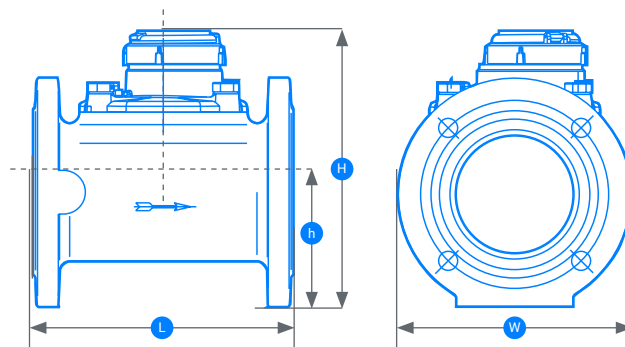
- ✓ Negligible head loss due to a full passage throughout the meter
- ✓ Continues flush of the bearings eliminates deposit of solids
- ✓ Simple maintenance & replacement of the measuring unit

Specifications & Recommendations

- **Maximum Working Pressure:** 160 m
- **Maximum Working Temperature:** 60°C
- The meter can be installed in any position (horizontal, vertical or inclined)
- The meter must always be full of water while operating
- Prior to the installation of a new meter, the pipeline must be flushed out
- Straight pipe section of the same diameter D as the meter, having length of 10D and 5D shall be installed upstream and downstream of the meter respectively

→ TECHNICAL DIMENSIONS

DIAMETER	MM	80	100	150	200	250
L - LENGTH (MM WITHOUT COUPLINGS)		230	250	300	350	400
W - WIDTH (MM)		240	260	310	315	438
H - HEIGHT (MM)		90	110	129	160	258
h - HEIGHT (MM)		16.5	19	32	45	55.5
WEIGHT (KG)		15.5	19	35	47	75



→ PERFORMANCE DATA

MM	Q1 MINIMUM FLOWRATE (M ³ /H)	Q2 TRANSITIONAL FLOWRATE (M ³ /H)	Q3 NOMINAL FLOWRATE (M ³ /H)	Q4 MAXIMUM FLOWRATE (M ³ /H)	SMALLEST READABLE UNIT (LITER)	MAXIMUM REGISTER CAPACITY (M ³ /H)	ACCURACY BETWEEN Q4 & Q2	ACCURACY BETWEEN Q2 & Q1
80	5	10	90	150	10	10 ⁷	±2%	±5%
100	7	11	125	250				
150	10	15	250	500				
200	18	30	450	900	100	10 ⁸		
250	20	70	750	1400				

→ HEAD LOSS

