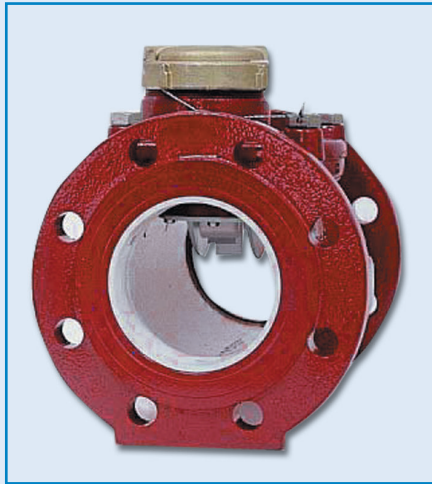




ARAD - WATER METERS DIVISION

IRRIGATION METER

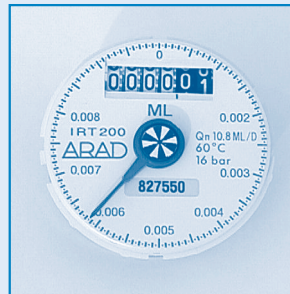
IRT



- Design:** Special design with free water passage allows measurement of water with high contents of impurities.
- Features:**
- Negligible loss of head
 - Simple maintenance
 - Field replaceable measuring unit
 - Hermetically sealed register with glass lens
 - Bearings are constantly flushed during operation to eliminate deposit of solids.
 - Optional electrical output: EV (Volume) or EF (Rate of Flow)
- Sizes:** 80 mm (3"), 100 mm (4"), 150 mm (6"), 200 mm (8"), 250 mm(10")

TECHNICAL SPECIFICATIONS:

- Maximum Working Pressure:** 230 psi
- Body:** Polyester coated cast iron body
- Flange Drilling:** As per customer requirements
- Maximum Working Temperature:** 140°F
- Register:** m3, u.s. gallon, cu. ft, ML Central pointer or 3 pointers



INSTALLATION REQUIREMENTS:

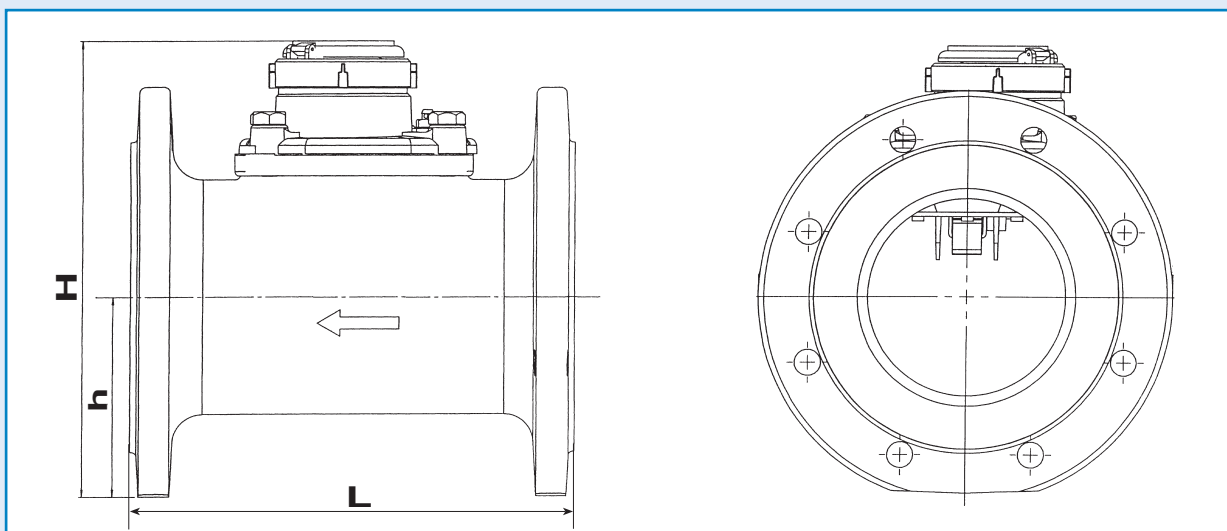
- The meter can be installed in any position (horizontal, vertical or inclined)
- The meter must be always full of water while operating.
- Prior to the installation of a new meter, the pipeline must be flushed out.

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D I M E N S I O N S



D I M E N S I O N S

Nominal Size	mm	80	100	150	200	250
	Inch	3"	4"	6"	8"	10"
H	Inch	9 ¹ / ₂ "	10 ¹ / ₄ "	12 ¹ / ₄ "	12 ¹ / ₂ "	13 ¹ / ₂ "
h	Inch	3 ¹ / ₂ "	4 ¹ / ₄ "	5	6 ¹ / ₄ "	7 ³ / ₄ "
L	Inch	9	9 ³ / ₄ "	11 ³ / ₄ "	13 ³ / ₄ "	15 ³ / ₄ "
Weight	lbs	40	50	73	95	125

P E R F O R M A N C E D A T A

Nominal Size		mm	80	100	150	200	250
		Inch	3"	4"	6"	8"	10"
Permissible peak load for short periods	Q _{max}	gpm	660	1101	2202	3962	6164
Nominal flow rate	Q _n	gpm	396	550	1100	1980	3300
Lowest flow rate measured within ±2%	Q _t	gpm	44	48	66	132	300
Lowest flow rate measured within ±5%	Q _{min}	gpm	22	31	44	79	170

L O S S O F H E A D C U R V E S

