

ABANT MJHD-xx-AYS

MULTIJET SEMI-DRY TYPE WATER METER

Key Technical Advantages

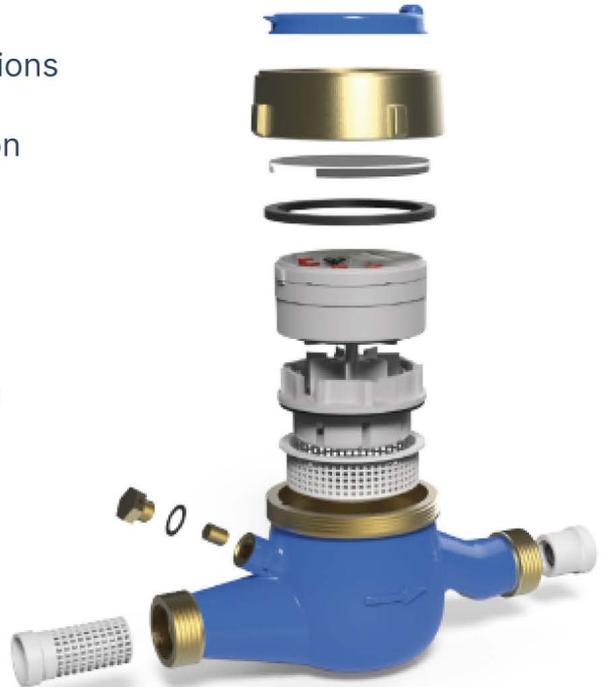
- High Measurement Precision (R160): Designed to capture even the lowest flow rates, the ABANT series achieves a measurement ratio of $Q3/Q1 \leq 160$ (**R160**). This high sensitivity minimizes non-revenue water (NRW) and ensures precise billing for utilities and end-users.
- Enhanced Durability & Pressure: ResistanceOutperforming standard meters, the ABANT MJHD series is built to withstand a Maximum Admissible Pressure of 16 Bar (MAP 16). Its heavy-duty brass construction offers superior protection against water hammer and pressure fluctuations in the network.
- Flexible Installation (U0/D0): Featuring a U0/D0 flow profile sensitivity class, this meter requires zero straight pipe distance upstream or downstream. This allows for easy installation in confined spaces without compromising measurement accuracy.

Built for Harsh Conditions

- Temperature Class: Suitable for cold water applications up to 50°C (T30/T50).
- Protection Class: Rated IP68, ensuring full protection against dust and continuous immersion in water.
- Mechanism: **Equipped with a semi-dry mechanical register to prevent fogging and ensure clear readability.**

Additional Specifications

- Accuracy Class: Class 2 (Implied by MID standards compliance)
- Pressure Loss Class: $\Delta P 63$
- Mounting Position: Horizontal (H)
- Indication Range: Up to 99,999 m³ or 999,999 m³ depending on DN size
- Optional Equipment: Check valve and remote transmission readiness.



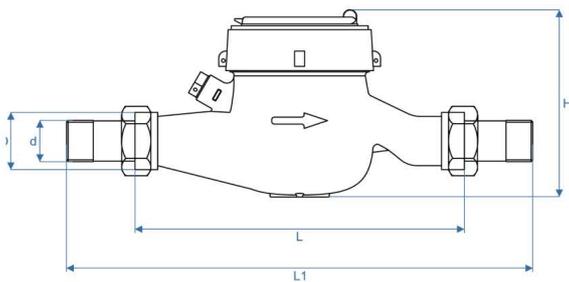
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MJHD-xx-AYS

Data Sheet

	MJHD-15-AYS	MJHD-20-AYS	MJHD-25-AYS	MJHD-32-AYS	MJHD-40-AYS	MJHD-50-AYS
Diameter - mm	DN15	DN20	DN25	DN32	DN40	DN50
Overload flowrate Q_4	$\leq 3,125$	$\leq 5,00$	$\leq 7,875$	$\leq 12,5$	$\leq 20,0$	$\leq 31,25$
Permanent flowrate Q_3	$\leq 2,50$	$\leq 4,00$	$\leq 6,30$	$\leq 10,0$	$\leq 16,0$	$\leq 25,0$
Transitional flowrate Q_2	$\geq 0,025$	$\geq 0,04$	$\geq 0,063$	$\geq 0,1$	$\geq 0,16$	$\geq 0,25$
Minimum flowrate Q_1	$\geq 0,0156$	$\geq 0,025$	$\geq 0,0394$	$\geq 0,0625$	$\geq 0,01$	$\geq 0,1563$
Measuring range (R) Q_3/Q_1	≤ 160					
Accuracy Class	2					
Temperature class T	T 50					
Water pressure class Bar	MAP 16					
Horizontal length mm	110-190	160-190	160-260	200-300	270-300	
Pressure loss class Bar	ΔP 63					
Flow profile sensitivity class	U0 D0					
Orientation	H (Yatay)					

Dimensions



Size	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
L	165	190	260	260	300	300
L1	259	294	380	384	431	448
D	G3/4	G1B	G1 ^{1/4} B	G1 ^{1/2} B	G2B	G2 ^{1/2} B
d	R ^{1/2}	R ^{3/4}	R1	R1 ^{1/4}	R1 ^{1/2}	R2
H	107,5	107,5	117,5	117,5	141,5	177