

ARAD™ Multi-Jet™

Simple & reliable multi jet meters, designed for accurate measurement of low flows.



MODEL M 1/2- 1 1/4



Light



Precise



Reliable

Benefits & Features

- ✓ Starting to measure in very low flows
- ✓ Optional hot water version and polymer version
- ✓ All outputs are volumetric dry contact



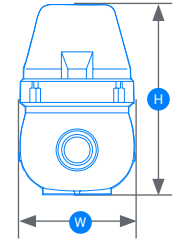
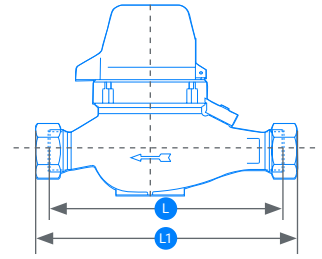
MODEL MS 1 1/2- 2

Specifications & Recommendations

- **Maximum Working Pressure:** 10 bar
- **Maximum Working Temperature:** 50°C, 90°C - for hot water
- The meter should be installed in horizontal position dial face up
- Pipeline must be flushed before installation
- The meter should be constantly full of water

→ TECHNICAL DIMENSIONS

MODEL		M15 (SHORT)	M20	M25	M32	MS40	MS50
DIAMETER	MM	15	20	25	30	40	50
	INCH	½	¾	1	1¼	1½	2
L - LENGTH WITHOUT COUPLINGS (MM)		165	190	260	260	300	300
L1 - LENGTH WITH COUPLINGS (MM)		260	285	375	375	435	460
W - WIDTH (MM)		95	95	105	105	125	160
H - HEIGHT (MM)		102	108	108	108	140	190
WEIGHT (KG)		1.5	2	2.8	2.8	4.1	8
WEIGHT WITH COUPLINGS (KG)		1.7	2.3	3.3	3.45	5.1	9.4
WEIGHT (PLASTIC BODY) (KG)		0.55	0.6	0.65	0.66	-	-



→ PERFORMANCE DATA

MODEL	NOMINAL SIZE (INCH)	Q1 MINIMUM FLOWRATE (M³/H)	Q2 TRANSITIONAL FLOWRATE (M³/H)	Q3 NOMINAL FLOWRATE (M³/H)	Q4 MAXIMUM FLOWRATE (M³/H)	R Q3/ Q1	INDICATING RANGE (M³/H)	ACCURACY BETWEEN Q4 & Q2	ACCURACY BETWEEN Q2 & Q1
M15	½	0.032	0.051	1.6	2	50	999.999	±2%	±5%
M20	¾	0.050	0.080	2.5	3.125	50			
M25	1	0.080	0.128	4	5	50			
M32	1¼	0.126	0.202	6.3	7.875	50			
MS40	1½	0.100	0.160	10	12.5	100			
MS50	2	0.320	0.512	16	20	50			

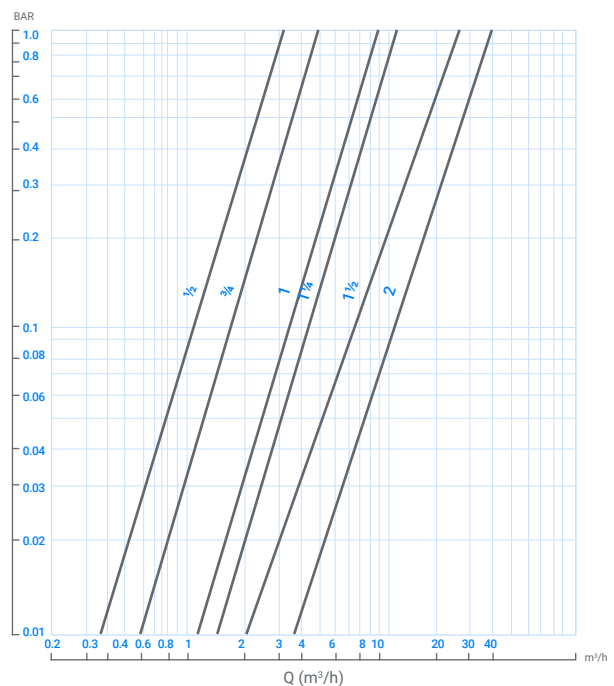
→ CATALOG NUMBERS BRASS MODEL

DIAMETER	CONNECTION TYPE	PULSE RESOLUTION	CATALOG NUMBER
½"	BSP	NONE	70240-000800
		1L	70240-000900
		10L	70240-001000
¾"		NONE	70240-001733
		1L	70240-021004
		10L	70240-021005
1"		NONE	70240-021020
		1L	70240-021021
		10L	70240-021022
1¼"	NONE	70240-021041	
	1L	70240-021042	
	10L	70240-021045	
1½"	NONE	70240-021071	
	10L	70240-021072	
	100L	70240-021073	
2"	NONE	70240-021550	
	10L	70240-021551	
	100L	70240-021552	
	1M³	70240-021553	

PLASTIC MODEL

DIAMETER	CONNECTION TYPE	PULSE RESOLUTION	CATALOG NUMBER
½"	BSP	1L	70240-000840
¾"		-	70240-021000
		1L	70240-021001

→ HEAD LOSS



* Additional pulse resolutions available upon request

** Catalog numbers referring to metal Multi-Jets