

ARAD™ Multi-Jet™

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



Light



Precise



Maximum
reliability



model M 1/2- 1 1/4 - Plastic



model MS 1 1/2- 2

/ Benefits & Features

- Light for easy handling
- Precise Accurate flow reading
- Maximum reliability Sturdy and durable

/ Specifications & Recommendations

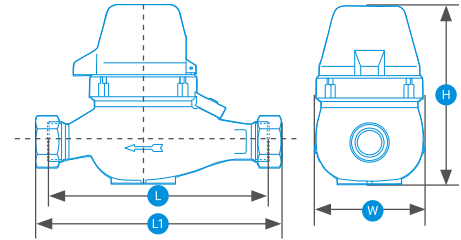
- Maximum Working Pressure – 10bar
- Maximum Working Temperature – °50C, °90C - for hot water
- Body made of corrosion-proof copper alloy
- Optional highly reinforced composite material
- Coupling threads BSP, NPT

→ Installation Requirements

- The meter must be installed in horizontal position with dial face up
- Prior to the installation of a new meter, the pipeline must be flushed out
- 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

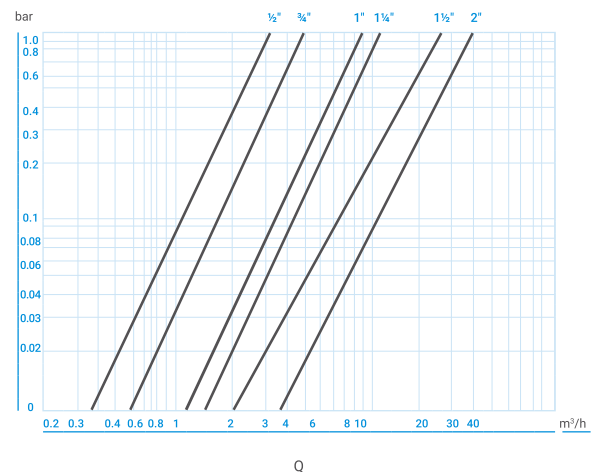
Brass Model

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
¾"	BSP	1L	70240-000023

→ Head Loss



* Additional pulse resolutions available upon request

** Catalog numbers referring to metal Multi-Jets