

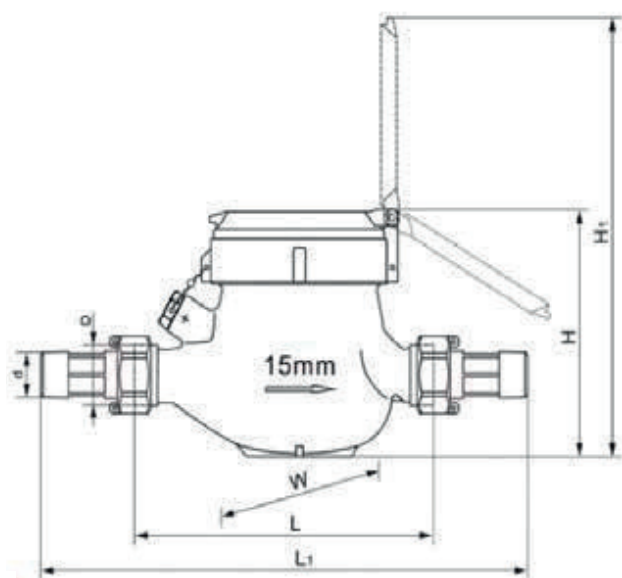
Multijet Water Meter

- Cold (30°C) - MID Approved, R80
- Hot (90°C) - MID Approved, R80
- WRAS Approved
- Suitable up to 16 Bar Working Pressure
- Internal Strainer
- Pulsed Output as Standard



Part Number	Size (mm)	Nominal Flow Q3	Min Flow Q1	Max Flow Q4	Pulse Value L/P
S15MJ*	15	2.5 m ³ /hr	0.031 m ³ /hr	3.13 m ³ /hr	10
S20MJ*	20	4.0 m ³ /hr	0.050 m ³ /hr	5.00 m ³ /hr	10
S25MJ*	25	6.3 m ³ /hr	0.078 m ³ /hr	7.88m ³ /hr	10
S32MJ*	32	10.0 m ³ /hr	0.125 m ³ /hr	12.5m ³ /hr	10
S40MJ*	40	16.0 m ³ /hr	0.200 m ³ /hr	20.0m ³ /hr	100
S50MJ*	50	25.0 m ³ /hr	0.313 m ³ /hr	31.3m ³ /hr	100

*C for Cold Versions and H for Hot Versions



Size	L	L 1	D	d	H	H1	W
15	165	259	G3/4B	R1/2	107.5	191	94
20	190	294	G1B	R3/4	107.5	191	94
25	260	380	G1 1/4B	R1	117.5	206.5	98
32	260	384	G1 1/2B	R1 1/4	117.5	206.5	98
40	300	431	G2B	R1 1/2	141.5	256.5	122
50	300	448	G2 1/2B	R2	177	292	145

INSTALLATION GUIDELINES FOR MULTI JET WATER METERS

Sizing and Selection:

- Maximum flow is only for use in emergencies, for about 1-2 minutes as it causes the bearings to overheat.
- Minimum flow only refers to the minimum flow required to operate and record on the meter. At these very low flows, the meter will not be accurate.
- All water meters should be sized between transitional flow (the point at which the meter is most accurate) and nominal flow (permanent flow rate).
- The meters are designed only for use with clean water. Sufficient filtration prior to the meter should be considered if the quality of water is compromised.

Installation:

- The preferred mounting position is horizontal with the dial facing directly upwards (R80H). It is possible to install meters in the vertical pipe, this will reduce the turndown ratio from R80 to R40. Ensuring that the flow rate is double the Q_t value can reduce the meter error.
- The orientation of the dial is important to consider and the meter can be installed according to the following:

Horizontal Installation

- ↑ = Dial on top (R80)
- = Dial on the side (R40)

The meter dial must not face downwards when installing horizontally. The meter can be installed in a vertical pipe with upwards or downwards flow, providing the flow direction is in accordance with the direction arrow on the meter body.

- Under no circumstances whatsoever must the meters remain in situ whilst system flushing takes place.
- Water meters should always be fitted with a minimum of 5x pipe diameter both up and downstream. For example, a 2" (DN50) water meter would have 10" (250mm) either side of the meter as straight pipe. This is to ensure accurate reading by reducing water turbulence. At higher pressures (above 8 bar), this should be increased to 10x pipe diameter.
- Note that there is a direction of flow arrow on the meter and the meter should be installed accordingly.
- It is recommended as good practice to fit a removable filter element before a water meter to protect the mechanism.
- Only clean water should be used that does not exceed the temperature specification of the meter. This is 30 degrees centigrade for cold meters and 90 degrees centigrade for hot meters.

