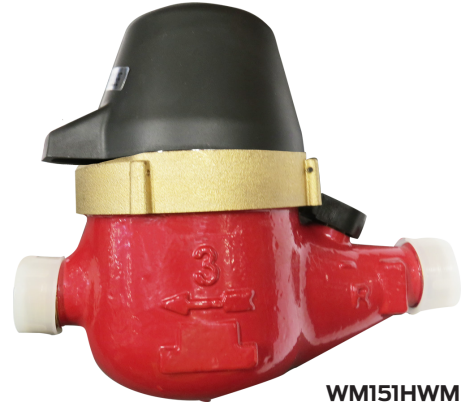


# Multijet Hot Water Meter

## Scope of Use/Specification Sheet

The RMC Multijet Hot Water Meter is a robust device for use by water and energy provider authorities operating water supply networks on a user pays basis.



WM151HWM

### Product Code

Model	Catalogue Number
DN15	WM151HWM
DN20	WM201HWM
DN25	WM251HWM
DN32	WM301HWM
DN40	WM401HWM
DN50	WM501HWM

Complete with Reed Switch and Couplings

### Materials

Body	Corrosion Proof Brass
Coupling Threads	BSP

### Description

The Multijet Hot Water Meter is a robust device that ensures long term meter accuracy. Internal parts of the meter are rated to 90°C, making the meter ideal for metering hot water supply lines. The meter is pulse capable. Through its low friction mechanism and higher mechanical durability, the meter features an extended service life.

The Multijet Hot Water Meter is available in 15mm to 50mm configurations and conforms to Class C of ISO 4064 standards.

### Features and Benefits

- Hermetically sealed register
- Fewer moving parts provides reduced wear and increased reliability
- Magnetically driven sealed registers prevent fogging and discoloration from trapped particulate in the metered water supply
- Long term meter accuracy essential for maintaining charging equity
- Reed switch included for pulse output
- Meter couplings included

### Application

The Multijet Hot Water Meter is suitable for use in any domestic, agricultural or industrial application, particularly where supply temperatures may reach up to 90°C. The meter should be installed in the horizontal position with the register facing upwards. Pipeline must be flushed before installation. The meter should be constantly full of water.

### Installation

Installation is subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500.1.

# Multijet Hot Water Meter

## Performance Specifications

	WM151HWM	WM201HWM	WM251HWM	WM301HWM	WM401HWM	WM501HWM
Nominal Size	½"	¾"	1"	1¼"	1½"	2"
Maximum Flow rate (m³/h)	3	5	7	10	12	30
Nominal Flow rate (m³/h)	1.5	2.5	3.5	5	6	15
Transitional Flow rate (l/h)	120	200	280	400	480	3000
Minimum Flow rate (l/h)	30	50	75	100	120	450
Maximum register capacity (m³)	10 <sup>5</sup>	10 <sup>5</sup>	10 <sup>5</sup>	10 <sup>5</sup>	10 <sup>5</sup>	10 <sup>6</sup>
Smallest readable unit (liter)	0.1	0.1	0.1	0.1	0.1	1
Accuracy between Q <sub>max</sub> & Q <sub>t</sub>	± 2%	± 2%	± 2%	± 2%	± 2%	± 2%
Accuracy between Q <sub>t</sub> & Q <sub>min</sub>	± 5%	± 5%	± 5%	± 5%	± 5%	± 5%
Maximum Working Pressure	1000kPa	1000kPa	1000kPa	1000kPa	1000kPa	1000kPa
Maximum Working Temperature	90°C	90°C	90°C	90°C	90°C	90°C

## Dimensions

	WM151HWM	WM201HWM	WM251HWM	WM301HWM	WM401HWM	WM501HWM
Nominal Size	15	20	25	32	40	50
Length without couplings (L)	165	190	260	260	300	300
Length with couplings (L1)	260	285	375	375	435	460
Width (B)	95	95	95	105	105	160
Height (H)	108	108	108	108	108	190
Weight	1.5	2	1.6	2.1	2.2	8
Weight with couplings	1.7	2.2	1.9	2.6	2.9	9.4
Weight (plastic body)	0.55	0.56	0.60	0.65	0.66	-

Note: All measurements in mm unless otherwise stated. Weights are in kg unless otherwise stated.

## Flow Characteristics

