

## SERIES WMH | MULTI-JET HOT WATER METER

### FEATURES/BENEFITS

- High temperature threshold of 190°F (88°C) ideal for high temperature applications
- Multi-jet design allows for simplicity and accuracy with wide flow ranges, even in low flow applications
- Magnetically driven, hermetically sealed register does not leak or fog and is completely separated from the water
- Designed for long service life and maintenance-free operation
- Integral strainer that protects meter from particulate damage
- Easy installation with included coupling adapters
- Pulsed output proportional to flow allows for remote flow totalization

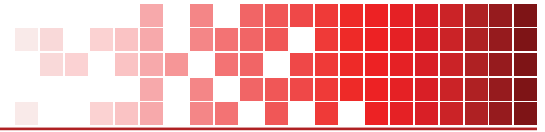
### APPLICATIONS

- HVAC applications
- Measuring total condenser water flow in residential, commercial and industrial applications
- Remote hot water monitoring

### DESCRIPTION

The **SERIES WMH** High Temperature Multi-Jet Water Meters are a series of mechanical, water totalizing meters that display the total water usage in Gallons with m<sup>3</sup> options. They are available in a range of body sizes and include NPT or BSPT optional couplings. The high temperature resistant brass body is compatible in applications with high temperature water.





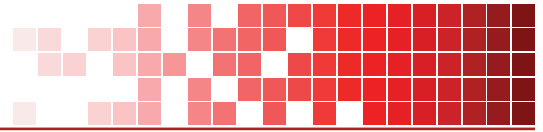
## SPECIFICATIONS

<b>Service</b>	Water.
<b>Wetted Materials</b>	Body: Brass; Couplings: Brass; Measuring Chamber: Brass
<b>Flow Range</b>	See model chart.
<b>Accuracy</b>	WMH-A-X-XX: Transitional Flow: $\pm 3\%$ ; Nominal Flow: $\pm 1.5\%$ .
<b>Temperature Limit</b>	190°F (88°C).
<b>Pressure Limit</b>	150 psi (10 bar).
<b>Pressure Drop</b>	See service manual.
<b>Totalizing Display Maximum</b>	See model chart.
<b>Output Signal</b>	Pulse output with frequency proportional to flow rate.
<b>Pulse Options</b>	0.1 gal, 1 gal, 10 gal, 100 gal per pulse (1 L, 10 L, 100 L, 1000 per pulse) See model chart.*
<b>Electrical Rating</b>	0.01A @ 24VAC/DC.
<b>Electrical Connections</b>	Color-coded lead wires, 4.5 (1.5m) long.
<b>Mounting Orientation</b>	Horizontal with register facing up.
<b>Weight</b>	See dimension chart.

## MODEL CHART

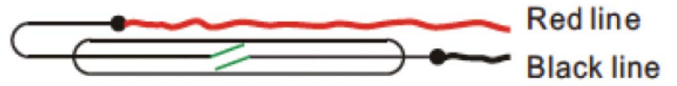
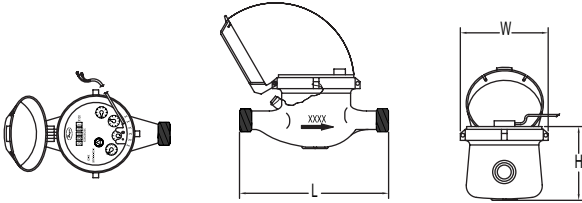
Model	Size	Coupling Size	GPM (Gallons Per Minute)			Display Max (Gallons)	Pulse Rate (Gal/Pulse)
			Max Flow	Nominal Flow Range	Transitional Flow		
WMH-A-C-01	5/8" x 1/2"	1/2" NPT	20	1 to 20	0.25	9,999,999.99	0.1
WMH-A-C-02	5/8" x 3/4"	3/4" NPT	20	1 to 20	0.25	9,999,999.99	0.1
WMH-A-C-03	3/4" SL	3/4" NPT	30	2 to 30	0.5	9,999,999.99	0.1
WMH-A-C-04	3/4"	3/4" NPT	30	2 to 30	0.5	9,999,999.99	0.1
WMH-A-C-05	3/4 x 1"	1" NPT	30	2 to 30	0.5	9,999,999.99	0.1
WMH-A-C-06	1"	1" NPT	50	3 to 50	0.75	9,999,999.99	0.1
WMH-A-C-01-1	5/8" x 1/2"	1/2" NPT	20	1 to 20	0.25	9,999,999.99	1
WMH-A-C-02-1	5/8" x 3/4"	3/4" NPT	20	1 to 20	0.25	9,999,999.99	1
WMH-A-C-03-1	3/4" SL	3/4" NPT	30	2 to 30	0.5	9,999,999.99	1
WMH-A-C-04-1	3/4"	3/4" NPT	30	2 to 30	0.5	9,999,999.99	1
WMH-A-C-05-1	3/4 x 1"	1" NPT	30	2 to 30	0.5	9,999,999.99	1
WMH-A-C-06-1	1"	1" NPT	50	3 to 50	0.75	9,999,999.99	1
WMH-A-C-07-1	1-1/2"	1-1/2" NPT	100	5 to 100	1.5	9,999,999.9	1
WMH-A-C-08-1	2"	2" NPT	160	8 to 160	2	9,999,999.9	1
WMH-A-C-01-10	5/8 x 1/2"	1/2" NPT	20	1 to 20	0.25	9,999,999.99	10
WMH-A-C-02-10	5/8 x 3/4"	3/4" NPT	20	1 to 20	0.25	9,999,999.99	10
WMH-A-C-03-10	3/4" SL	3/4" NPT	30	2 to 30	0.5	9,999,999.99	10
WMH-A-C-04-10	3/4"	3/4" NPT	30	2 to 30	0.5	9,999,999.99	10
WMH-A-C-05-10	3/4 x 1"	1" NPT	30	2 to 30	0.5	9,999,999.99	10
WMH-A-C-06-10	1"	1" NPT	50	3 to 50	0.75	9,999,999.99	10
WMH-A-C-07-10	1-1/2"	1-1/2" NPT	100	5 to 100	1.5	9,999,999.9	10
WMH-A-C-08-10	2"	2" NPT	160	8 to 160	2	9,999,999.9	10





## DIMENSIONS

## WIRING DIAGRAM



**DIMENSION CHART**

Size in (mm)	Spud NPSM (BSPP)	Length 'L' in (mm)	Width 'W' in (mm)	Height 'H' in (mm)	Weight lb (kg)
5/8 x 1/2 (15)	3/4" (3/4")	6-1/2(165)	3-45/64 (94)	4-15/64(107.5)	3.75(1.7)
5/8 x 3/4	1" (1")	7-1/2(190)	3-45/64(94)	4-15/64(107.5)	3.97(1.8)
3/4 (20)	1" (1")	7-1/2(190)	3-45/64(94)	4-15/64(107.5)	4.9(2.2)
1 (25)	1-1/4" (1-1/4")	10-1/4(260)	3-55/64(98)	4-5/8(117.5)	6.4(2.9)
1-1/4 (32)	1-1/2" (1-1/2")	10-1/4 (260)	3-55/64(98)	4-5/8(117.5)	8.2(3.7)
1-1/2 (40)	2" (2")	11-13/16 (300)	4-51/64(122)	5-9/16(141.5)	13.52 (6.17)
2 (50)	2-1/2" (2-1/2")	11-13/16 (300)	5-45/64(145)	6-31/32(177)	18.74 (8.5)

## HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.

**MODEL** \_\_\_\_\_

**WMH** - Multi-Jet Hot Watermeter

**UNIT OF MEASUREMENT** \_\_\_\_\_

**-A** - Gallons  
**-B** - m<sup>3</sup>/h

**STANDARD WATER** \_\_\_\_\_

**-C**

**-XX**

**-X**

**PULSE RATE**

**(BLANK)** - 0.1 gal output  
**-1** - 1 gal output  
**-10** - 10 gal output  
**-100** - 100 gal output

**SIZE**

**-01** - 5/8" x 1/2"  
**-02** - 5/8" x 3/4"  
**-03** - 3/4" SL  
**-04** - 3/4"  
**-05** - 3/4" x 1"  
**-06** - 1"  
**-07** - 1-1/2"  
**-08** - 2"  
**-09** - 15 mm  
**-10** - 20 mm  
**-11** - 25mm  
**-12** - 32 mm  
**-13** - 40 mm  
**-14** - 50 mm



