

SERIES WRBT | MULTI-JET WATER METER WITH REMOVABLE BOTTOM

FEATURES/BENEFITS

- Removable bottom allows for easy entry for cleaning
- 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

- Agricultural
- Irrigation
- HVAC applications
- Measuring total condenser water flow in residential, commercial and industrial applications

DESCRIPTION

The **SERIES WRBT** Removable Bottom Multi-Jet Water Meters are a series of mechanical, water totalizing meters that display the total water usage in Gallons with m³ options. They are available in a range of body sizes and include NPT or BSPT optional couplings. The ECO BRASS® alloy body incorporates a removable section that easily disassembles for easy cleaning of any collected debris that may collect in the system while maintaining its performance.

SPECIFICATIONS

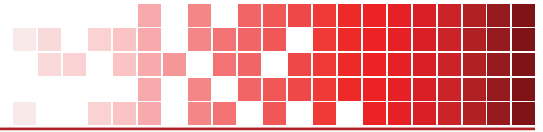
Service	Water.
Wetted Materials	Body: ECO BRASS® alloy; Couplings: ECO BRASS® alloy; Measuring Chamber: ABS Plastic.
Flow Range	See model chart.
Accuracy	Transitional Flow: ±3%; Nominal Flow: ±1.5%.
Temperature Limit	122°F (50°C).
Pressure Limit	150 psi (10 bar).
Pressure Drop	See service manual
Totalizing Display Maximum	See model chart.
Output Signal	Pulse output with frequency proportional to flow rate.
Pulse Options	10 gal or 100 gal per pulse. See model chart.*
Electrical Rating	0.01A @ 24VAC/DC.
Electrical Connections	Color-coded lead wires, 4.5 (1.5m) long.
Mounting Orientation	Horizontal with register facing up.
Weight	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		
WRBT-A-C-01-10	5/8 x 1/2"	1/2" NPT	20	1 to 20	0.25	9,999,999.99	10
WRBT-A-C-02-10	5/8 x 3/4"	3/4" NPT	20	1 to 20	0.25	9,999,999.99	10
WRBT-A-C-03-10	3/4" SL	3/4" NPT SL	30	2 to 30	0.5	9,999,999.99	10
WRBT-A-C-04-10	3/4"	3/4" NPT	30	2 to 30	0.5	9,999,999.99	10
WRBT-A-C-05-10	3/4 x 1"	1" NPT	30	2 to 30	0.5	9,999,999.99	10
WRBT-A-C-06-10	1" L	1" NPT L	50	3 to 50	0.75	9,999,999.99	10
WRBT-A-C-07-100	1-1/2"	1-1/2" NPT	100	5 to 100	1.5	9,999,999.9	100
WRBT-A-C-08-100	2"	2" NPT	160	8 to 160	2	9,999,999.9	100

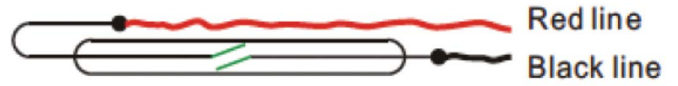
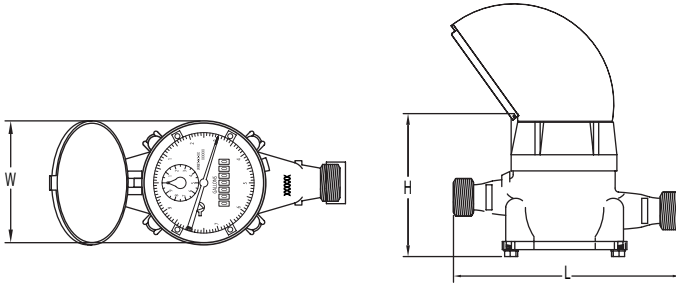
ECO BRASS® is a registered trademark patent by Mitsubishi Shindoh





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")	7-1/2 (190)	3-13/16 (97)	4-3/4 (121)	4.38 (1.99)
5/8 x 3/4	1" (1")	7-1/2 (190)	3-13/16 (97)	4-3/4 (121)	4.6 (2.09)
3/4 SL (20)	1" (1")	7-1/2 (190)	3-13/16 (97)	4-3/4 (121)	4.6 (2.09)
3/4 (20)	1" (1")	9 (229)	3-13/16 (97)	4-3/4 (121)	4.6 (2.09)
1 (25)	1" (1")	9 (229)	4-3/4 (111)	4-3/4 (111)	5.2 (2.34)
1-1/4 (32)	1-1/4" (1-1/4")	10-3/4 (273)	4-3/4 (111)	5-1/8 (130)	7.1 (3.22)
1-1/2 (40)	2" (2")	9-5/8 (245)	5-3/4 (146)	6-1/4 (159)	11.3 (5.13)
2 (50)	2-1/2" (2-1/2")	11-1/2 (292)	6 (152)	5-3/4 (146)	15 (6.80)

HOW TO ORDER

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

	WRBT	-A	-C	-01	-X	
MODEL						PULSE RATE
WRBT - Multi-Jet Water Meter with Removable Bottom						-10 - 10 gal output -100 - 100 gal output
UNIT OF MEASUREMENT						SIZE
-A - Gallons						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"
COLD WATER						

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