

SERIES WPT | MULTI-JET PLASTIC WATER METER

FEATURES/BENEFITS

- Plastic body ideal for lead free requirements
- 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

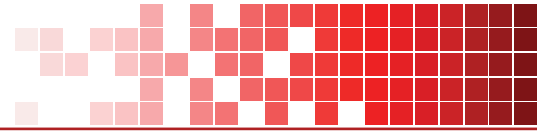
APPLICATIONS

- Low cost residential water measurement
- Agriculture (fertilizers, pesticides, and herbicides)
- Irrigation
- Remote water monitoring

DESCRIPTION

The **SERIES WPT** Plastic 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 BPST optional couplings. The plastic body water meters are compatible in applications where a standard brass is not compatible.





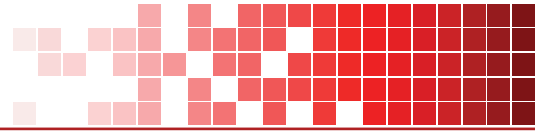
SPECIFICATIONS

Service	Water.
Wetted Materials	Body: Nylon 66; Couplings: Nylon 66, 1-1/2" (40 mm) sizes lead free ECO BRASS® alloy; Measuring Chamber: ABS Plastic.
Flow Range	See model chart.
Accuracy	WPT-A-X-XX: Transitional Flow: ±3%; Nominal Flow: ±1.5%; WPT-B-X-XX*: Transitional Flow: ±5%; Nominal Flow: ±2%.
Temperature Limit	112°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	0.1 gal, 1 gal, 10 gal, 100 gal per pulse (1 L, 10 L, 100 L, 1000 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		
WPT-A-C-01	5/8" x 1/2"	1/2" NPT	20	1 to 20	0.25	9,999,999.99	0.1
WPT-A-C-02	5/8" x 3/4"	3/4" NPT	20	1 to 20	0.25	9,999,999.99	0.1
WPT-A-C-03	3/4" x 1"	1" NPT	30	2 to 30	0.5	9,999,999.99	0.1
WPT-A-C-04	1"	1" NPT	50	3 to 50	0.75	9,999,999.99	0.1
WPT-A-C-01-1	1/2"	1/2" NPT	20	1 to 20	0.25	9,999,999.99	1
WPT-A-C-02-1	5/8" x 3/4"	3/4" NPT	20	1 to 20	0.25	9,999,999.99	1
WPT-A-C-03-1	3/4" x 1"	1" NPT	30	2 to 30	0.5	9,999,999.99	1
WPT-A-C-04-1	1"	1" NPT	50	3 to 50	0.75	9,999,999.99	1
WPT-A-C-05-1	1-1/2"	1-1/2" NPT	100	5 to 100	1.5	9,999,999.9	1
WPT-A-C-01-10	1/2"	1/2" NPT	20	1 to 20	0.25	9,999,999.99	10
WPT-A-C-02-10	5/8" x 3/4"	3/4" NPT	20	1 to 20	0.25	9,999,999.99	10
WPT-A-C-03-10	3/4" x 1"	1" NPT	30	2 to 30	0.5	9,999,999.99	10
WPT-A-C-04-10	1"	1" NPT	50	3 to 50	0.75	9,999,999.99	10
WPT-A-C-05-10	1-1/2"	1-1/2" NPT	100	5 to 100	1.5	9,999,999.9	10

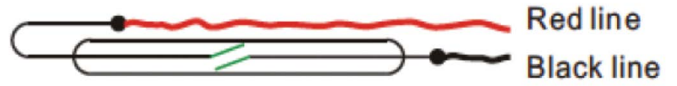
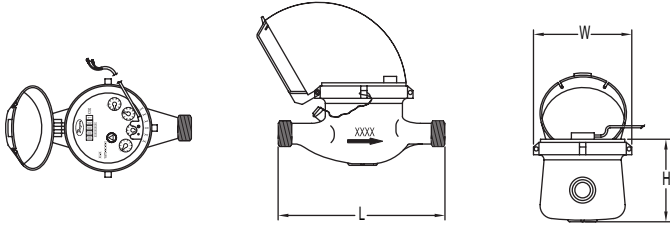
ECO BRASS® is a registered trademark patent by Mitsubishi Shindoh





DIMENSIONS

WIRING DIAGRAM



DIMENSION CHART					
Size in (mm)	Spud NPSM (BSPF)	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)	3-23/32 (94)	4-15/64 (107.5)	1.55 (0.7)
5/8 x 3/4	1" (1")	7-1/2(190)	3-23/32 (94)	4-15/64 (107.5)	1.77 (0.8)
3/4 x 1 (20)	1-1/4" (1-1/4")	10-1/4 (260)	3-23/32 (94)	4-15/64 (107.5)	2.43 (1.1)
1 (25)	1-1/4" (1-1/4")	10-1/4(260)	3-23/32 (94)	4-15/64 (107.5)	2.43 (1.1)
1-1/2 (40)	2" (2")	9-5/8 (245)	4-13/16 (122)	5-45/64 (141.5)	4.41 (2)

HOW TO ORDER

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

MODEL _____

UNIT OF MEASUREMENT _____

COLD WATER _____

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"
 05 - 3/4" x 1"
 06 - 1"
 07 - 1-1/2"
 08 - 2"

WPT **-A** **-C** **-XX** **-X**



