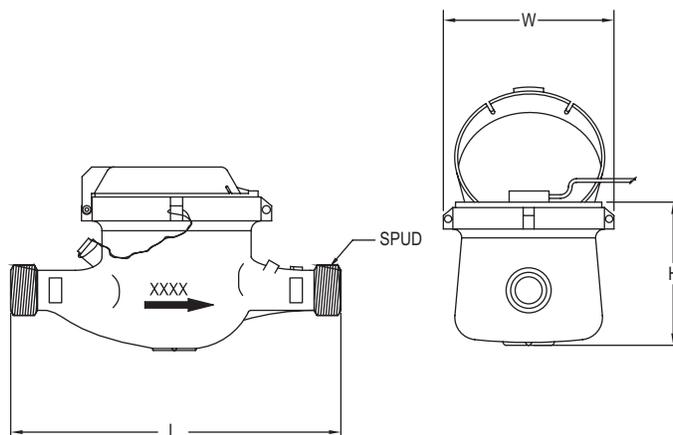




Series WNT Multi-Jet NSF Certified Brass Body Water Meter

Specifications - Installation and Operating Instructions



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")	7-31/64(190)	3-45/64 (94)	4-15/64 (107.5)	3.58 (1.63)
5/8 x 3/4 (15)	1" (1")	7-31/64(190)	3-45/64 (94)	4-15/64 (107.5)	3.81 (1.73)
3/4 (20)	1" (1")	10-1/4 (260)	3-55/64 (98)	4-5/8 (117.5)	6.02 (2.73)
1 (25)	1-1/4" (1-1/4")	10-1/4(260)	3-55/64 (98)	4-5/8 (117.5)	6.02 (2.73)
1-1/2 (40)	2" (2")	11-13/16 (300)	4-51/64 (122)	4-5/8 (117.5)	12.02 (5.45)
2 (50)	2-1/2" (2-1/2")	11-13/16 (300)	5-45/64 (145)	5-9/16 (141.5)	13.23 (6)

The **SERIES WNT NSF Certified Multi-Jet Water Meters** is a series of mechanical, water totaling meters that display the total water usage in gallons or cubic meters. They are available in a range of body sizes and include NPT or BSPT couplings. Its lead free, NSF certified body is ideal for potable water applications.

FEATURES

- NSF/ANSI 61 approval makes it ideal for no lead requirements
- Multi-jet design allows for simplicity and accuracy with side 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

- Potable water applications
- Residential water measurement
- Remote water monitoring

SPECIFICATIONS

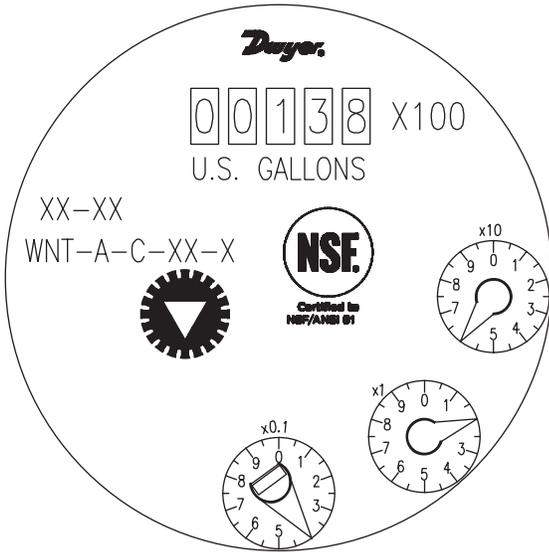
Service: Water.
Wetted Materials: Body: ECO-BRASS®; Couplings: ECO-BRASS®; Measuring chamber: ABS Plastic.
Flow Range: See model chart.
Accuracy: Transitional Flow: ±3%; Nominal Flow: ±1.5%.
Temperature Limit: 122°F (50° C). **Pressure Limit:** 150 psi (10 bar).
Pressure Drop: See service manual.
Totalizing Display Maximum: See model chart.
Output Signal: Pulse output with frequency proportional to flow rate.
Pulse Options: 0.1 gal, 1 gal, 10 gal, 100 gal per pulse.
Electrical Rating: 0.01 A @ 24 VAC/DC.
Electrical Connections: Color-coded lead wires, 4.5' (1.5 m) long.
Mounting Orientation: Horizontal with register facing up.
Weight: See dimension chart.
Agency Approvals: NSF.

MODEL CHART

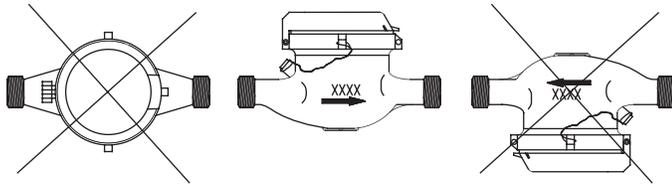
Model	Size	Coupling Size	GPM (Gallons Per Minute)			Display Max (Gallons)	Pulse Rate (Gal/Pulse)
			Max Flow	Nominal Flow Range	Transitional Flow		
WNT-A-C-01	5/8" x 1/2"	1/2" NPT	20	1 to 20	0.25	9,999,999.99	0.1
WNT-A-C-02	5/8" x 3/4"	3/4" NPT	20	1 to 20	0.25	9,999,999.99	0.1
WNT-A-C-05	3/4" x 1"	1" NPT	30	2 to 30	0.5	9,999,999.99	0.1
WNT-A-C-06	1"	1" NPT	50	3 to 50	0.75	9,999,999.99	0.1
WNT-A-C-07-1	1-1/2"	1-1/2" NPT	100	5 to 100	1.25	9,999,999.9	1
WNT-A-C-08-1	2"	2" NPT	160	8 to 160	2	9,999,999.9	1

Meter Reading

The total flow that has passed through your meter is read by starting at the top of the register with the Five-Digit Totalizer, and then read clockwise around the small dials. In the example below, the Five-Digit Totalizer reads 13800 (138 x 100), and the dials read 60 (6 x 10), 2 (2 x 1), and 0.4 (4 x 0.1) respectively. The total flow is 13862.4.

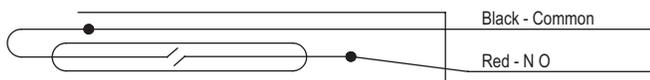


Installation

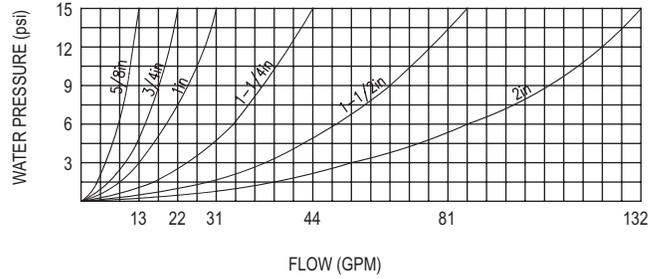


Electrical Installation

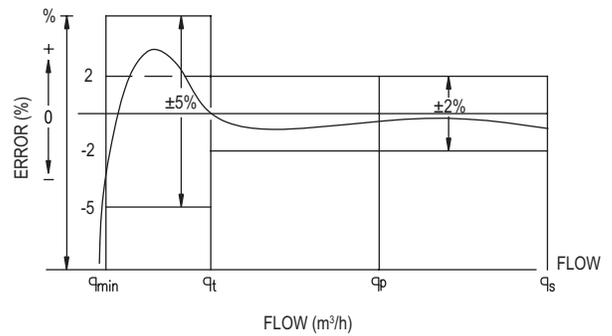
Dry contact closure, does not require power



Pressure Drop



Accuracy Chart



MAINTENANCE/REPAIR

Upon final installation of the Series WNT, no routine maintenance is required. The Series WNT is not field serviceable and is not possible to repair the unit. Field repair should not be attempted and may void warranty.

WARRANTY/RETURN

Refer to "Terms and Conditions of Sale" in our catalog and on our website. Contact customer service to receive a Return Goods Authorization number before shipping the product back for repair. Be sure to include a brief description of the problem plus any additional application notes.

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