

RHI Series Multi-Jet Cold Water Meters Plastic Body

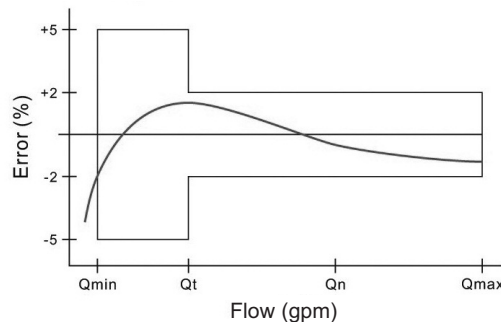
RHI Series water meters use the widely accepted multi-jet principle, as a gear train drives the register totalizer dials. For pulse output meters, a reed switch sensor is attached to the outside of the lens and detects a magnet arm that has replaced one of the dial pointers. The reed switch output is a dry contact closure and does not require power.



Main Technical Data

Nominal diameter	DN	062 - 1/2"	075 - 3/4"	100 - 1"
Maximum flow rate US gpm	Qmax	20	20	50
Nominal flow rate US gpm	Qn	10	10	25
Transition flow rate US gpm	Qt	1	1	3
Minimum flow rate US gpm	Qmin	0.25	0.25	0.75
Minimum reading US gallon		0.01	0.01	0.1
Minimum graduation US gallon		0.005	0.005	0.1

Accuracy Curve



Specifications

Temperature	105° F (40° C) max	
Pressure	150 psi operating	
Materials	Body	FRP-Reinforced polyamide
	Internals	Engineered thermoplastic
	Magnet	Alnico
Accuracy	+/- 1.5% of reading	
Sensor	Reed switch	Totalizer only
Maximum Current	20 mA	n/a
Maximum Voltage	24 Vdc or Vac	n/a
Cable Length	12' (4m) std 2000' max run	n/a

Model Codes - How to Order

RHI - NM - 075 - R/10P

Size

062 = 1/2"
075 = 3/4"
100 = 1"

Examples: RHI-NM-075-R/10G is a 3/4" meter with a pulse output (reed switch) sensor with a pulse rate of 10 gallons/pulse
RHI-NM-100 is a 1" meter with totalizer only

Pulse Rate (if applicable)

R/20P = 20 pulse/gal only in 1/2" & 3/4"
R/10P = 10 pulse/gal only in 1/2" & 3/4"
R/4P = 4 pulse/gal
R/2P = 2 pulse/gal
R/1P = 1 pulse/gal
R/5G = 5 gal/pulse
R/10G = 10 gal/pulse
R/50G = 50 gal/pulse
R/100G = 100 gal/pulse
Totalizer only meter would have nothing after the size designation