



FloCat Series Multi-Jet Hot Water Meters

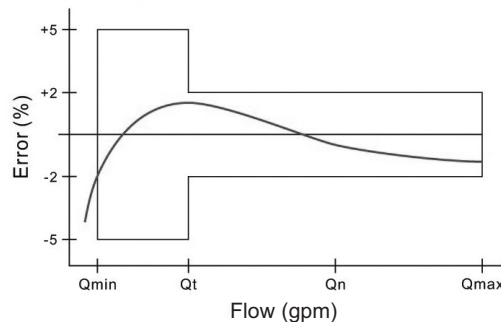
FloCat Series water meters use the widely accepted multi-jet principle, as a gear train drives the register totalizer dials. For pulse output meters, a reed switch sensor is attached to the outside of the lens and detects a magnet arm that has replaced one of the dial pointers. The reed switch out-put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



Main Technical Data

Nominal diameter		DN	075 - 3/4"	100 - 1"	150 - 1 1/2"	200 - 2"
Maximum flow rate	US gpm	Qmax	22	30.8	88	132
Nominal flow rate	US gpm	Qn	11	15.4	44	66
Transition flow rate	US gpm	Qt	0.88	1.23	3.52	5.3
Minimum flow rate	US gpm	Qmin	0.22	0.31	0.88	1.32
Minimum reading	US gallon		0.01	0.01	0.1	0.1
Minimum graduation	US gallon		0.005	0.005	0.05	0.05

Accuracy Curve



Specifications

Temperature	194° F (90° C) max	
Pressure	150 psi operating	
Materials	Body	Cast bronze
	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	n/a
	2000' max run	

Model Codes - How to Order

FloCat - H - 075 - R/10P

Size

075 = 3/4"

100 = 1"

150 = 1 1/2"

200 = 2"

Pulse Rate (if applicable)

R/20P = 20 pulse/gal only in 3/4"&1"

R/10P = 10 pulse/gal only in 3/4"&1"

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

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