

COMPOSITE PLASTIC INLINE FLOW METERS



1.0" METER

V3039
V3039-15



1.5" METER

V3045
V3045-15
V3045BSPT
V3045BSPT-15
V3045QC
V3045QC-15



2.0" METER

V3048
V3048-15
V3048BSPT
V3048BSPT-15
V3048QC
V3048QC-15

Connections:

1.0" NPT, BSPT or Quick Connect Adapters	1.5" NPT, BSPT or Quick Connect Adapters	2.0" NPT, BSPT or Quick Connect Adapters
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Service Flow Range:

0.25 to 40 gpm 0.95 to 151 lpm at ±5% Meter Accuracy	0.50 to 75 gpm 2.00 to 284 lpm at ±5% Meter Accuracy	1.5 to 150 gpm 5.7 to 568 lpm at ±5% Meter Accuracy
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Features:

- Composite plastic material body
- Flow straightener design eliminates minimum pipe length before and after meter
- Inline meter suited for residential, commercial, and industrial applications
- Reliable and proven turbine design
- 28" or 15' cable lengths available



Certified to NSF/ANSI/CAN 61 and NSF/ANSI/CAN 372.

COMPOSITE PLASTIC INLINE FLOW METERS

SPECIFICATIONS:

MEASUREMENT	IMPERIAL	METRIC
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Meter Pulses		
1.0 Inline	66 Pulses/Gallon	12.4 Pulses/Liter
1.5 Inline	37 Pulses/Gallon	9.8 Pulses/Liter
2.0 Inline	20 Pulses/Gallon	5.3 Pulses/Liter

Meter Accuracy		
1.0 Inline	0.25 – 40 gpm ± 5%	0.95 – 151 lpm ± 5%
1.5 Inline	0.50 – 75 gpm ± 5%	2.00 – 284 lpm ± 5%
2.0 Inline	1.50 – 150 gpm ± 5%	5.70 – 568 lpm ± 5%

NOTE: Not all flow monitors will register accurately at the specified specs above. Contact your monitor manufacturer for limitations.

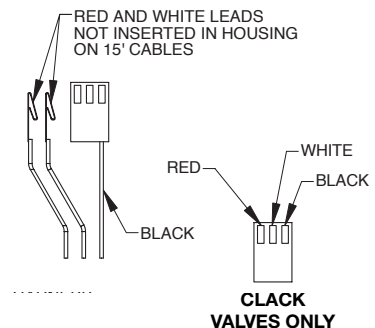
Pressure Drop		
1.0 Inline	5.3 PSID @ 40 gpm	0.37 bar ΔP @ 151 lpm
1.5 Inline	2.7 PSID @ 75 gpm	0.19 bar ΔP @ 284 lpm
2.0 Inline	3.6 PSID @ 150 gpm	0.25 bar ΔP @ 568 lpm

Operating Pressure:	20 – 125 PSI	1.4 – 8.6 bar
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Operating Temperature:	40° – 110° F	4° – 43° C
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METER WIRING

Wire Gauge:	22
Red:	Positive
Black:	Negative
White:	Signal (Meter Output)
Voltage Requirement:	4 – 24 VDC
Output Signal:	0.4 Hz – 47.5 Hz
Terminals:	Molex 41572 or 40445
Housing:	Molex 22-01-3037 (Series 2695 White Housing)



NOTE: When connecting to other manufacturers control valves, contact your O.E.M. for proper wiring instructions.

WARNING:

USE ONLY SILICONE BASED LUBRICANTS ON ALL CLACK COMPONENTS

HYDROCARBONS WILL DAMAGE COMPONENTS THAT CONTAIN O-RINGS AND OR PLASTIC. THIS CAN CAUSE LEAKS OR BREAKAGE. DO NOT USE LUBRICANTS THAT CONTAIN HYDROCARBONS SUCH AS VASELINE®/PETROLEUM JELLY, WD-40®, ETC. DO NOT USE CLACK CONTROL VALVE PRODUCTS ON WATER SUPPLIES THAT CONTAIN HYDROCARBONS, SUCH AS BENZENE, GASOLINE, KEROSENE, ETC.

CAUTION:

THIS WATER METER SHOULD NOT BE USED AS THE PRIMARY MONITORING DEVICE FOR CRITICAL OR HEALTH EFFECT APPLICATIONS