

EZ-View® Flow Meters

In-Line Test Kits

- Simultaneously monitors in-line flow & pressure
- Compact & self-contained
- Mounts in any position
- Easily carried in tool kit

Here is a convenient, low-cost diagnostic tool to help you check flow and pressure simultaneously. The EZ-View in-line test kits were designed to measure flow from 0.5 to 28 GPM (2 to 106 LPM), and operating pressures up to 160 psi (11 bar).

This compact, self-contained unit is easy to install, and can be used as a permanent monitoring indicator, or as a temporary troubleshooting tool to help: check pump leakage under load, verify proper flow, pressure or control settings, locate line restrictions, verify pressure drops and balance multi-line systems.

SPECIFICATIONS:

MATERIALS:

Flow Meter:

Polysulfone plastic body, piston and cone
T300-series stainless spring
Buna N flow indicator ring and pressure seals
Polypropylene limit indicators
PH15 – 7MO stainless retaining ring

Optional: Teflon® coated spring and retaining ring, consult factory.

Load Valve:

Polyvinyl Chloride (PVC) - 1 body
Polypropylene Ball
Teflon® Ball Seat
Ethylene Propylene (EPDM) O-ring

FITTINGS/ THREADS:

Flow Meter: NPT – 1 inch male / ANSI/ASME B1.20.1

Load Valve: NPT – 1 inch female / ANSI/ASME B1.20.1

TEMPERATURE RANGE: 32 °F to 150 °F (0 °C to 65.6 °C)

PRESSURE RATING: 325 psi / 22.4 bar maximum

PRESSURE GAUGE:

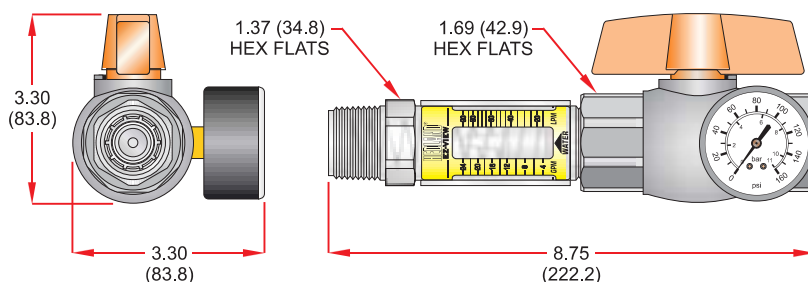
0 to 160 psi (0 to 11.0 bar) with internal shock dampeners and blowout patch

PRESSURE DROP: See Differential Pressure Charts, page 64

ACCURACY: ±5% of full scale

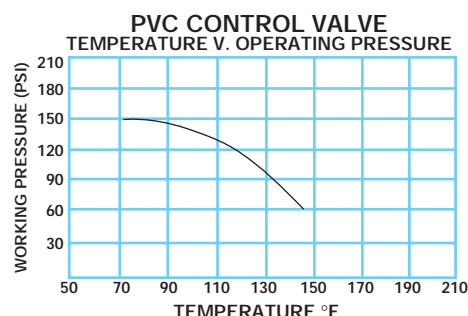
REPEATABILITY: ±1%

DIMENSIONS: See Ordering Information Table



Ordering Information

Fluid Media	Flow Range		1" NPTF male/female fitting
Oil 0.876 s.g.	0.5 – 4 GPM	3 – 13 LPM	H623-104
	1.0 – 7 GPM	2 – 26 LPM	H623-107
	1.0 – 10 GPM	5 – 40 LPM	H623-110
	1.0 – 16 GPM	5 – 60 LPM	H623-116
	3.0 – 18 GPM	10 – 70 LPM	H623-118
	4.0 – 28 GPM	20 – 100 LPM	H623-128
Water 1.0 s.g.	0.5 – 4 GPM	3 – 16 LPM	H623-004
	2.0 – 7 GPM	4 – 26 LPM	H623-007
	2.0 – 10 GPM	5 – 35 LPM	H623-010
	2.0 – 16 GPM	5 – 60 LPM	H623-016
	4.0 – 18 GPM	15 – 65 LPM	H623-018
	4.0 – 28 GPM	20 – 100 LPM	H623-028
Weight lbs. (kg)			0.80 (0.36)



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