

CCMY8600M2

4-inch inline pressure controller with deadman



01 CCMY8600M2 4-inch inline pressure controller with deadman

A sliding piston automatically adjusts the pressure drop through the valve by reducing or increasing flow area. The piston is attached via a sealed stem to a diaphragm fitted in a chamber sealed off from the main flow. The diaphragm is exposed on one side to a remotely sensed fuel pressure and on the other side to reference air pressure.

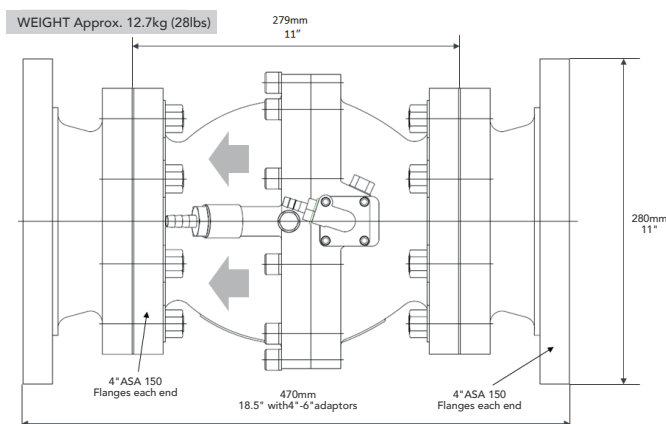
The piston is spring biased to close, thus in the event of diaphragm failure or 'deadman shut off' the valve will always terminate flow.

02 Key Features

- High flow rates
- Accurate pressure control and low hysteresis
- Low pressure drop
- Excellent stability at all flow rates
- Flanged 4"ASA 150 lbs.flange
- 4-inch to 6-inch ASA 150 lbs.flange
- Air referenced
- Controlled opening and closure
- Reliable diaphragm operation

03 Key Dimensions

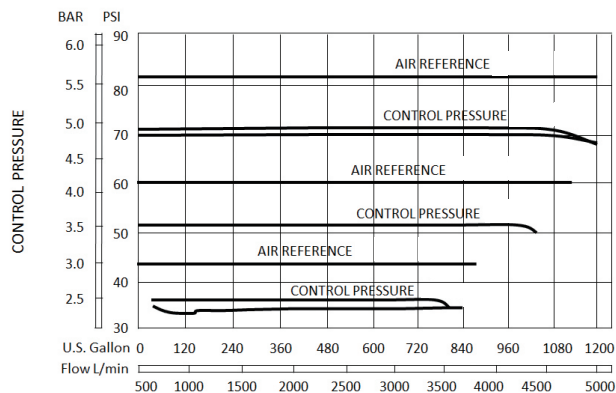
Specifications and dimensions



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03 Key Dimensions

Operating pressure control



Pressure Rating Max. Working Pressure 12.1bar (175 psi)

Max. Test Pressure 19.0bar (275 psi)

Max. Flow Rate 4500 l /min

1000 Imp.gpm

1200 US gpm

Pressure Drop At Max. Flow Rate 0.28bar (4 psi)

Pressure Control $\pm 0.14\text{bar}$ (2 psi)

Air Reference Bias 0.7-0.8 bar (10-12psi)

DEADMAN

Opening Time Approx. 10.0 seconds
(adjustable by fixed orifices)

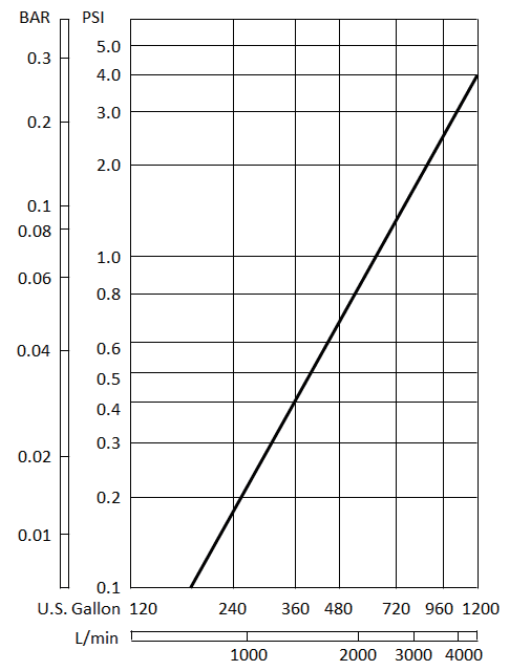
Closing Time Approx. 5.0 seconds

Overshoot At Max. Flow Rate 190 Litres

42 Imp.gall

50 US gall

Pressure drop



04 Contact

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