

CFValve™ 1X-ST WF

Accurate, Repeatable Flow Control
for Beverage and Food Components

- ▶ Low Cost Plus Accuracy $\pm 1.5\%$ of Target Output
- ▶ 14.5 PSI Operating Pressure
- ▶ Flow Regulation Over a Wide Range
(0.01 to .5 GPM/.038—1.89 LPM)
- ▶ Small Footprint Allows Inline Plumbing
- ▶ 1/4 FNPT Inlet and 1/4 MNPT Outlet

The Newton 1X-ST WF (water and food contact) CFValve™ brings economical, accurate, and repeatable flow control to the beverage and food dispensing and processing industry. It is used in batch production and autofill systems, as well as dispensers. With standard NPT fittings and a maximum inlet pressure of 300 PSI (20.68 Bar), the Newton 1X-ST WF CFValve™ is an adaptable, robust part of any food or beverage system.



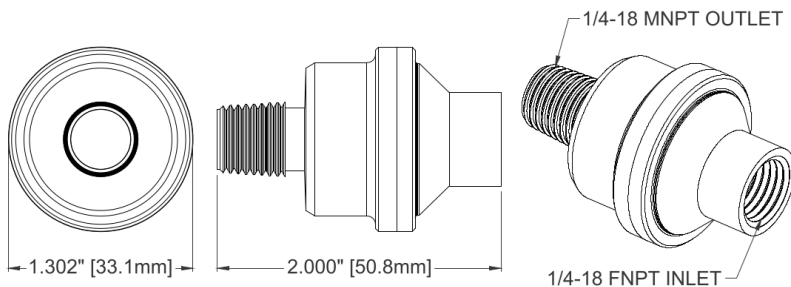
Specifications

Wetted Materials

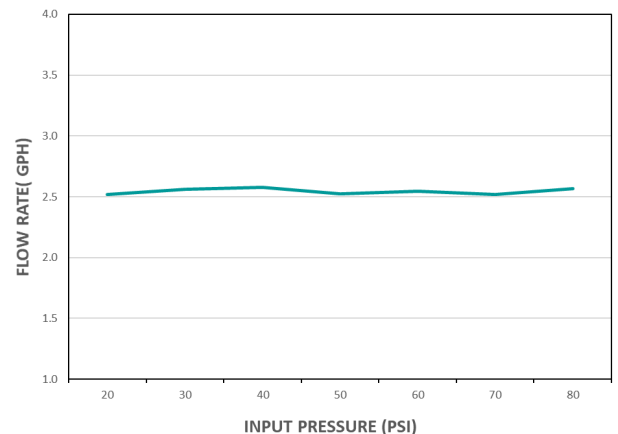
Body	Delrin® FG500
Diaphragm	Momentive™ LIM6050 Silicone
Throttle Pin	304 Stainless Steel
Operating Pressure Range	14.5 – 43 PSI Factory Set (1-3 Bar)
Minimum Input Pressure	Operating Pressure + 5 PSI (+ 0.34 Bar)
Maximum Input Pressure	300 PSI (20.68 Bar)
Operating Temperature	Freezing Point of Media—302°F (150°C)
Output Flow Range	0.01— .5GPM (0.038—1.89 LPM) (Dependent on orifice and operating pressure)
Certifications	NSF® 169
Accuracy	$\pm 1.5\%$ of Target Output

Inlet/Outlet Ports:

Inlet	1/4 NPT Female
Outlet	1/4 NPT Male



CFValve 1X-ST 14.5 WF Flow Rate vs. Input Pressure
(0.020" Orifice)



Contact Information

Newton CFV, Inc. T: 772-202-7783 info@newtoncfv.com
 100 Sebastian Industrial Place F: 772-388-6095 www.newtoncfv.com
 Sebastian, FL 32958