

# 310 SERIES

DEMAND FLOW REGULATOR

## Features

Regulator remains off until suction from a sample draw pump opens the diaphragm. Typical suction activation is 7 millibar or less, which conveniently matches the range of pumps in sample draw instruments.

The regulator automatically adjusts the flow rate, to match the exact requirement of the sample draw.

Suitable for reactive and non-reactive gases.

Designed specifically for portable cylinders.



## Applications

- ✓ Portable gas detectors with sample draw pumps
- ✓ Fixed gas sampling systems
- ✓ Docking stations for portable instruments

# Specifications

## Maximum Inlet Pressure

3000 psig

## Inlet Fitting

5/8' – 18 UNF (C-10)

## Outlet Flow Settings

Variable, matching pump on sample draw instrument.  
Flow range, 0.25 to 3 LPM

## Cap

Aluminium

## Gauge

0-1000 psig

## Body

Nickel Plated Brass

## Outlet Fitting

3/16' Hose barb-Nickel Plated Brass

## Piston

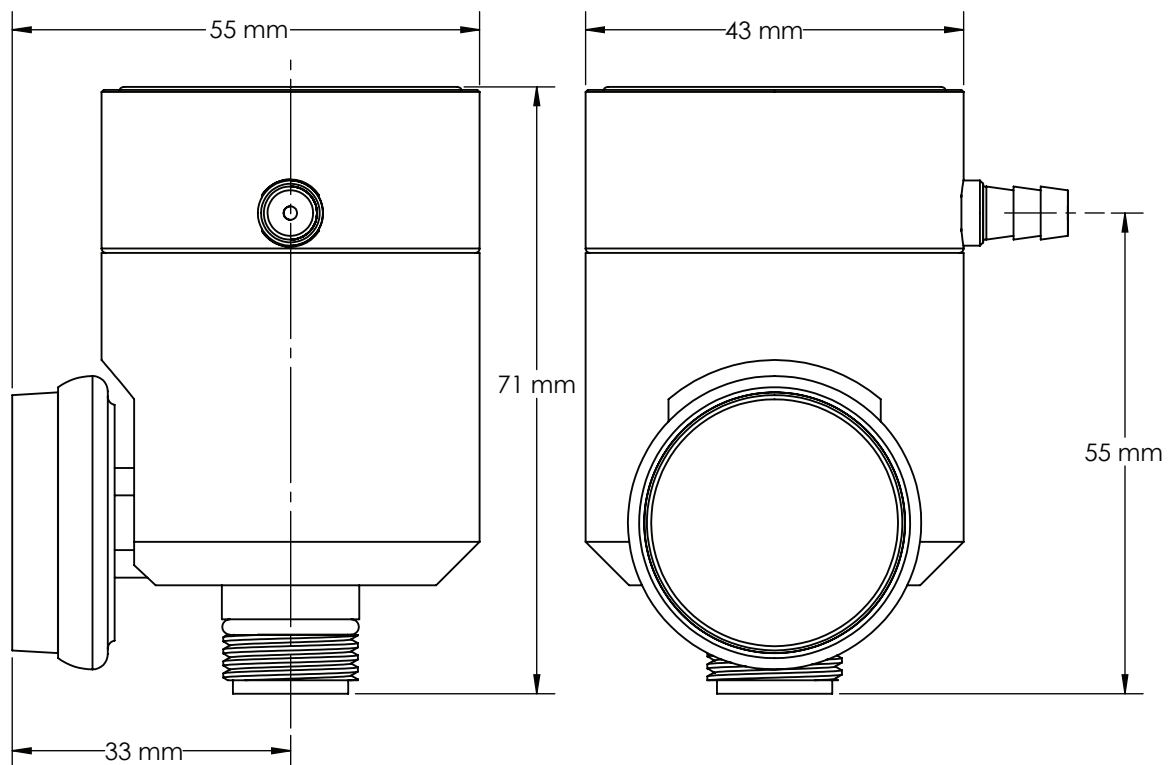
Nickel Plated Brass

## Piston Seal

Teflon®

## O-Ring & Diaphragm Seal

Viton®



# Ordering Information

Part number	Description
DFR-1	Demand flow regulator C10 (5/8-18UNF) Inlet, 0-1000 PSIG gauge and 3/16" Hosebarb outlet