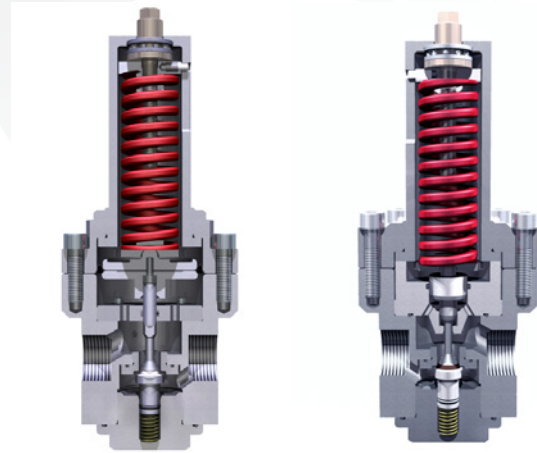


HF250/251-7 Series

'High Flow' Pressure Regulator for liquid or gas applications. Diaphragm and Piston Sensed Options



Diaphragm Sensed Design

PISTON Sensed Design

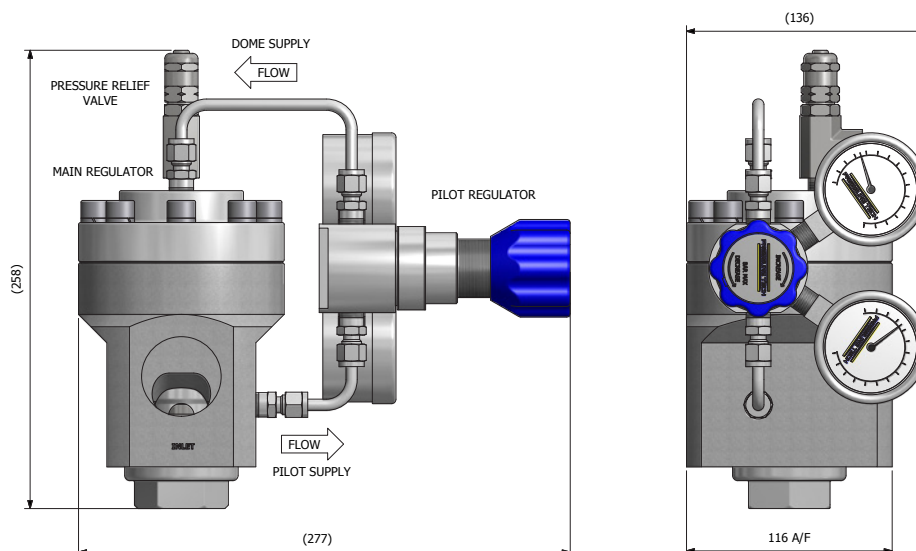
Features

- 316L SS Wetted Parts
- Balanced Main Valve
- Cv 7.0
- Diaphragm or Piston Sensed
- Range of O Rings
- None rising stem
- Low torque adjustment
- Threaded or Flanged Options

Standard materials of construction

Regulator part	Material
Bodies and Bonnets	316L SS
Seat	Liquid: PEEK Gas: PCTFE
Sensor (P2 max 250bar)	316SS
Diaphragm (P2 max 10bar)	Rubber Coated Nylon
Spring rests	316SS
'O' ring seals	NBR/FKM
Adjusting screw	Aluminium Bronze
Loading Spring	Spring Steel

Drawing and Installation Dimensions



NOTE: Pressure Tech reserve the right to amend dimensions and product detail as part of our commitment to achieve product realisation. Product selection is based on compatibility information and any prior user experience. Unless otherwise and specifically agreed, Pressure Tech cannot guarantee the suitability of product on individual applications, and this remains the users responsibility. **pg 1of2**



DESIGNED AND BUILT IN THE UK

PRESSURE TECH LTD, Unit 24, Graphite Way,
Hadfield, Glossop, Derbyshire SK13 1QH
Tel: +44 (0)1457 899307 Fax: +44 (0)1457 899308
e-mail: info@pressure-tech.com

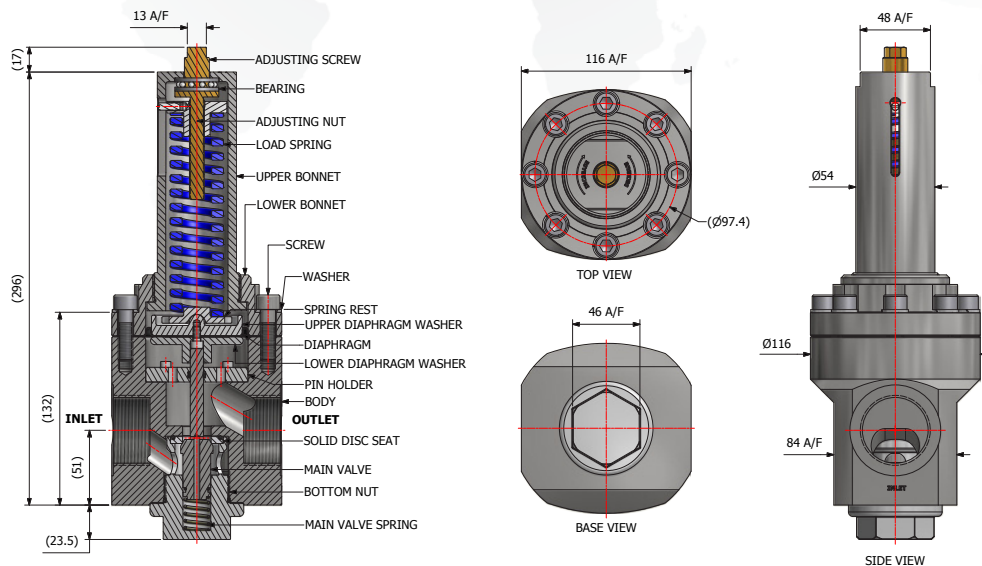
www.pressure-tech.com

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Drawing and Installation Dimensions



Specification

Max rated inlet pressure	50bar or 250bar
Max Outlet ranges	Diaphragm: 10bar Piston: 250bar
Design Proof pressure	150% max WP
Leakage	Liquid: Zero drops of water at max inlet Gas: Bubble tight
Seat diameter	14 mm
Weight	4.8kg (11lbs)

Ordering Information:

HF250G - 7 - S - 10S - N - 08B - N

Basic Model

HF250G – Diaphragm sensed, gas service
 HF250H – Diaphragm sensed, hydraulic service
 HF251G – Piston sensed, gas service
 HF251H – Piston sensed, hydraulic service

Cv Value

7.0

Body material

S – 316SS

Outlet ranges (Examples*)

Spring Loaded	Dome Loaded
05S: 0 – 5bar	10D: 0 – 10bar
10S: 0 – 10bar	50D: 0 – 50bar
50S: 0 – 50bar	
100S: 0 – 100bar	
250S: 0 – 250bar	

Porting configuration Refer office

Inlet/outlet connections

08B – 1" BSP
 08N – 1" NPT
 08FA150 – DN25 ANSI 150
 08FD40 – DN25 DIN PN40

O Ring

O Ring
 N - NBR
 V – FKM/FPM
 E - EPDM
 K – FFKM/FFPM

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www.pressure-tech.com