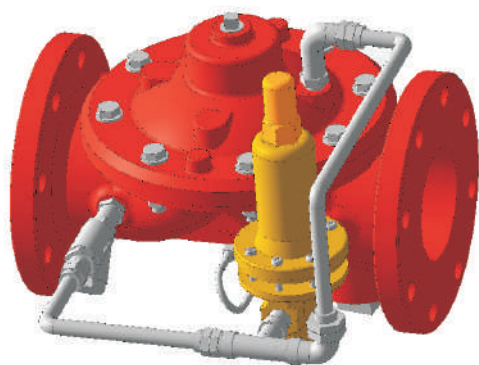
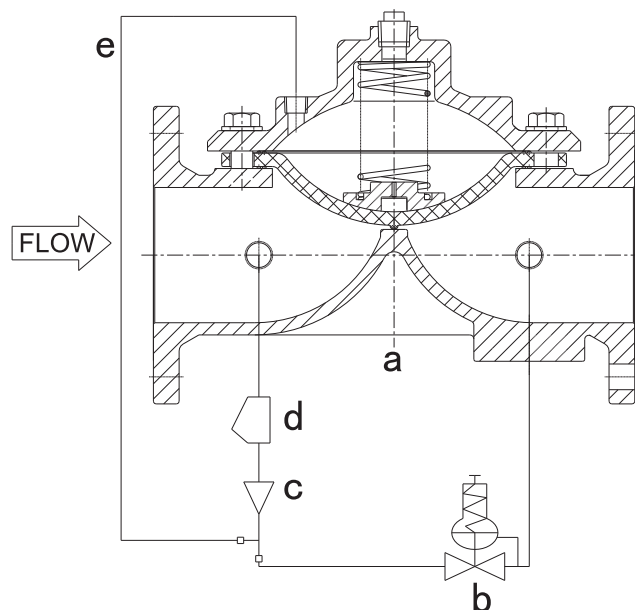


Schematic Drawing



Features

- Pressure Reducing Valve: Reducing a higher upstream pressure into a lower, constant downstream pressure
- Operates over a wide flow range
- Set Pressure is adjustable with single screw
- Can be maintained without removal from the pipe line.
- Flanged to EN1092-2 PN10/PN16, ANSI B16.1 Class 150 FF (Other available on request)
- Grooved Ends to AWWA C606 Standard
- Adjustment Range of Outlet Pressure: 65 to 165 psi
- Rated Working Pressure: 300 psi
- Fusion Bonded Epoxy Coated Interior and Exterior to AWWA C550 Standard.



No.	Component	Material
a	Main Valve	
b	Pressure Reducing Pilot	Bronze
c	Restriction Orifice	Stainless Steel 304
d	Y-Strainer	Stainless Steel 304
e	Pipeline	Stainless Steel 304

Material Specifications

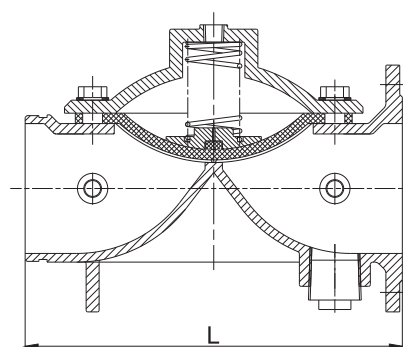
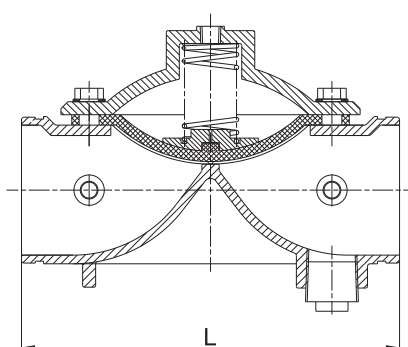
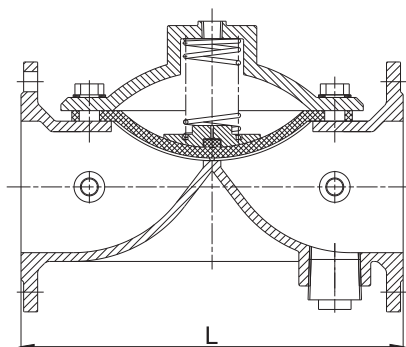
Part	Material	ASTM Specification
Body	Ductile Iron	A536 Grade 65-45-12
Bonnet	Ductile Iron	A536 Grade 65-45-12
Diaphragm	Nylon Reinforced Natural Rubber/EPDM/NBR	
Spring Retainer	Ductile Iron	A536 Grade 65-45-12
Spring	Stainless Steel	A276 Type 304
Galvanized Bolt	Carbon Steel	A307 Grade B
Galvanized Washer	Carbon Steel	A307 Grade B

Dimensions (mm/inch)

Size	2"	2.5"	3"	4"	5"
L	233/9.2	290/11.5	310/12.2	356/14.0	310/14.5

Size	6"	8"	10"	12"
L	436/17.2	530/20.8	636/25	35/32.8

Note: 12" Not FM Approved



Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.

In line with our policy of continuous product improvement LIFECO reserves the right to modify specifications without prior notice.

Edmund House 12-22 Newhall Street Birmingham, B3 3AS, United Kingdom | T +44 1902 798 706 F +44 1902 798 679 | E sales@lifeco-uk.com | www.lifeco-uk.com