PRESSURE MEASUREMENT & CONTROL

Low Volume Reducing Valve
Code 4810

Conflow is renowned the world over as the leading supplier of specialist components and systems for dust suppression, fire suppression and all aspects of water control in underground coal Mining.

Today Conflow products can be found operating both on the surface and underground in all the major mining industries, from coal to gold, in more than 30 countries around the world. Furthermore, wherever minerals are moved in bulk – such as quarries, power stations and steel works - Conflow products are helping to reduce the negative impact on the local environment.

At Conflow our aim is to provide you with a comprehensive range of services to meet your individual needs.

Description

The **Conflow Code 4810** - Low Volume Reducing Valve is a compact valve which provides a pre-determined outlet fluid pressure irrespective of variation of inlet pressure.

The valve operates on a simple throttling principle.

The throttle adjustment is achieved by the downstream pressure acting on a spring-loaded piston to open and close the valve. Thus the flow through the valve is reduced and increased as the inlet pressure fluctuates, in order to maintain constant downstream pressure.

Adjustment of the set pressure is carried out by increasing or reducing the spring compression by turning the adjusting screw.

Typical Applications

- To supply low pressure water to felt cleaning sprays on paper making machines in the paper industry
- Water cooling systems on face conveyor gearboxes and motors, on Longwall faces in underground coal mines

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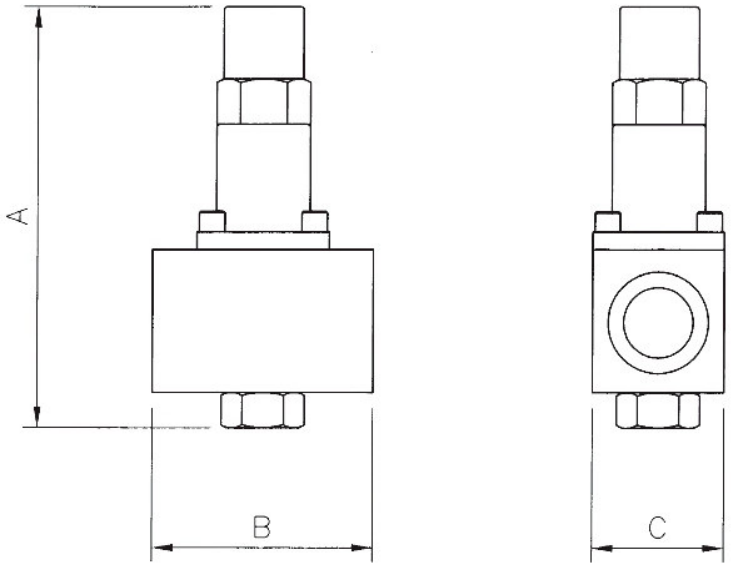
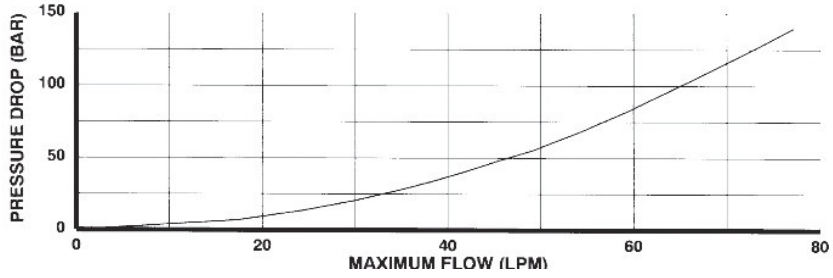
Features

- 3/8" BSP female ports
- Maximum working pressure 140 bar
- Adjustable downstream pressure (1.5-14 bar)
- Suitable for flows up to 80 lpm
- High tensile brass body
- Stainless Steel and Delrin internals

Specifications

CODE 4810M	
Unit Size	**3/8" BSP**
A	**121**
B	63
C	37
Weight	0.98 Kg





The information on this data sheet is accurate to the best of Conflow's knowledge, however we reserve the right to alter the product specification at any time. For any specific updated detail, please contact us.

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