

# FCX-690 Series

High Pressure Flow Control Valve



Image shows metering valve with back flushing filter element to allow cleaning in place with minimized down time

## Product Overview

The FCX690 range provides a range of manifold options around a negative biased back pressure regulator and metering valves to provide a constant flow rate under varying pressure conditions. Designed primarily for chemical injection systems where accuracy and reliability are paramount but can be used on any flow control application.

## Features

- Modular manifold concept
- Easy to service valve cartridges
- Range of flow ranges via various Cv metering valves
- Various seating options to suit media
- High Accuracy

## Applications

- Chemical Injection systems
- Dosing systems

## Standard materials of construction

Valve part	Material
Body and Bonnet	316SS/17-4PH
Seat material	Metal, Ceramic, PEEK
'O' ring seals	NBR, FKM

**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 1 of 3**



DESIGNED AND BUILT IN THE UK



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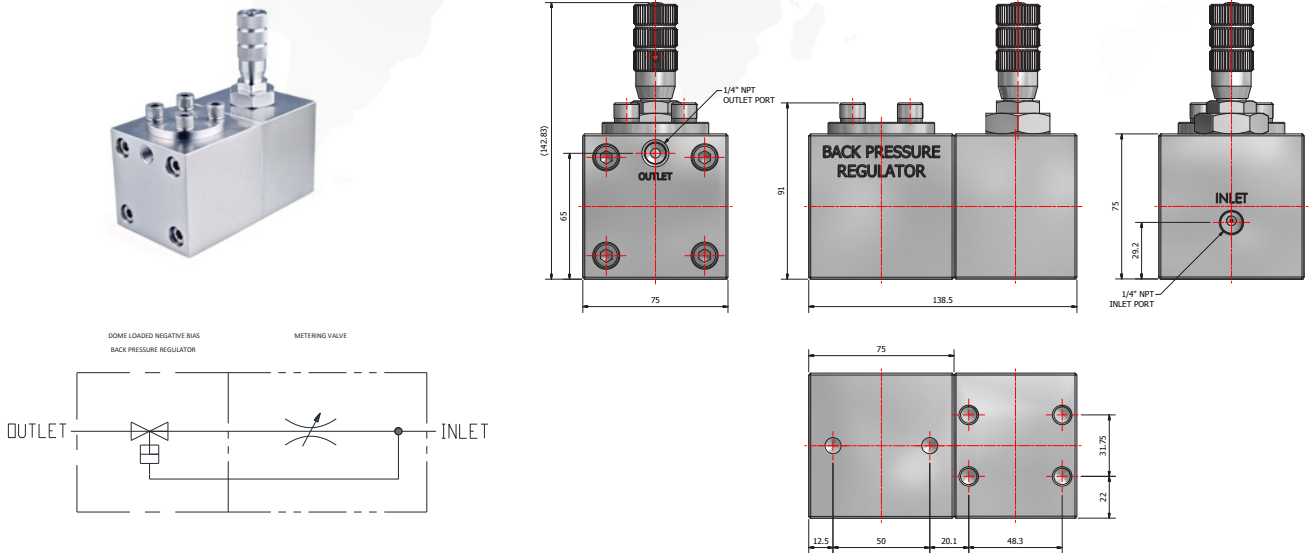
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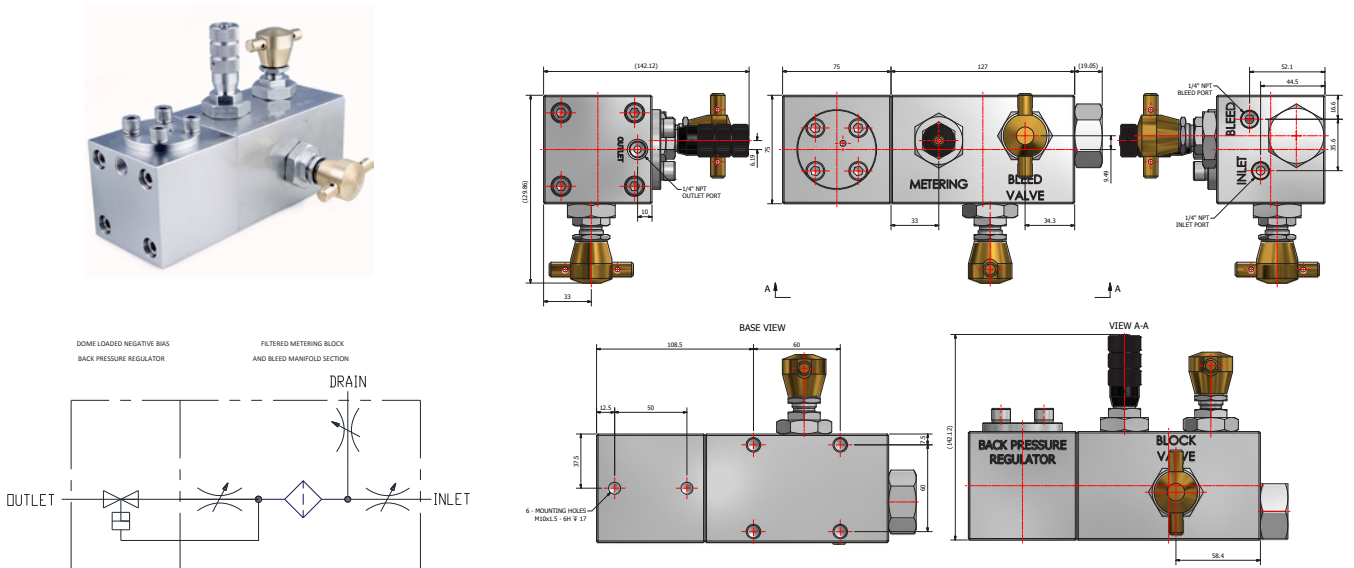
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## Example Configurations - FCA690



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## Specification

Max rated inlet pressure	690bar (10,000psi)
Flow range options	Cv 0.03, Cv 0.24
Design Proof pressure	150% max WP
Weight	6kg (13.2lbs) (Basic 'FCA' Model)
Temp range	-10°C to +120°C (FKM seals as standard)

## Ordering Information:

FCA690 – 02 – S – V – 02N

### Basic Model

FCA690  
FCB690  
FCC690

### Max Cv Value (Metering Valve)

02 – 0.02  
03 – 0.34

### Body material

S – 316SS

### Porting configuration

02N – 1/4" NPT  
03A – 3/8" Medium Pressure

### O Ring

N - NBR  
V - FKM

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