

Pressure Reducing Valves

Pressure reducing valves protect pipework, valves and appliances from damage caused by excessive water pressure. The set pressure is maintained at a constant, even when the inlet pressure fluctuates, therefore minimizing flow noises. Reducing the pressure also reduces consumption which conserves natural resources and saves you money. You can save 27 litres per day simply by reducing the pressure from 6.0 to 4.0 bar.

Efficient Water Consumption			
Water pressure	Water consumption per person per day	Water consumption per year for a four person household	Water consumption as a percentage
6.0 bar	140 litres	200 m ³	100%
4.0 bar	113 litres	162 m ³	81%
3.0 bar	99 litres	142 m ³	71%

D04FM



The D04FM is designed to protect household appliances against excessive supply pressures. A small compact valve that will maintain a constant water pressure irrespective of the supply pressure, which is often much higher.

Features and Benefits

- Spring loaded, balanced seat means a constant outlet pressure regardless of fluctuating inlet pressure
- Light weight
- Simple, compact construction
- Available with pressure gauge
- 16 bar inlet pressure
- 1.5 bar to 6 bar outlet pressure

Sizes

15mm and 22mm compression connections, 3/8", 1/2" and 3/4" BSP connections

Accessories

M38K Pressure Gauge



D05FT



The D05 range is designed to protect household water installations against excessive pressure from the supply and it can also be used for industrial and commercial applications.

Features and Benefits

- Suitable for hot and cold water systems
- Spring loaded, balanced seat means a constant outlet pressure regardless of fluctuating inlet pressure
- Set pressure indicated on the set point scale
- Valve insert can be replaced
- Integral fine filter with 1mm mesh
- Light weight
- Available with pressure gauge
- Up to 16 bar inlet pressure
- 1.5 bar to 6 bar outlet pressure

Sizes

15mm and 22mm compression connections, 1/2", 3/4" and 1" BSP connections

Accessories for D05FT

M38T Pressure Gauge



ZR06K Double socket wrench

D06F



Designed to protect domestic, commercial and industrial applications from excessive pressure, the D06F range enables excellent product performance, reliability and servicing capabilities.

Features and Benefits

- Spring loaded, balanced seat means a constant outlet pressure regardless of fluctuating inlet pressure
- Set pressure indicated on the set point scale
- Integral fine filter with 0.16mm mesh
- Available with pressure gauge
- Up to 25 bar inlet pressure
- 1.5 bar to 6 bar outlet pressure
- Class 1 acoustic valve ensures quiet operation
- High quality synthetic valve insert ensures resistance to scaling and cavitation

Sizes

15mm and 22mm compression connections, 1/2", 3/4", 1", 1 1/4", 1 1/2" and 2" BSP connections

D06FI



Features and Benefits

- Spring loaded, balanced seat means a constant outlet pressure regardless of fluctuating inlet pressure
- Available with pressure gauge
- Integral stainless fine filter with 0.16mm mesh
- Up to 25 bar inlet pressure
- 1.5 bar to 6 bar outlet pressure
- Stainless steel variant
- Class 1 acoustic valve ensures quiet operation

Sizes

1/2", 3/4", 1, 1 1/4", 1 1/2" and 2" BSP connections

**Accessories for D06FI;
D06FN & D06FH**
M07M Pressure Gauge



ZRO6K Double socket wrench

D06FN *(Low pressure applications)*

D06FH *(High pressure applications)*



Features and Benefits

- Spring loaded, balanced seat means a constant outlet pressure regardless of fluctuating inlet pressure
- Integral fine filter with 0.16mm mesh
- Available with pressure gauge
- Up to 25 bar inlet pressure
- D06FN outlet pressure 0.5 bar to 2 bar; D06FH outlet pressure 1.5 bar to 12 bar

Sizes

1/2", 3/4", 1, 1 1/4", 1 1/2" and 2" BSP connections

D15S



The D15S range of flanged pressure reducing valves can be used flanged pressure reducing valve (PRV) can be used to protect large domestic, commercial and industrial applications against excessive pressure giving accurate pressure control for a variety of applications including water, compressed air and nitrogen.

Features and Benefits

- Inlet pressure balancing; the set outlet pressure is unaffected by inlet fluctuations
- Inlet pressure up to 16 bar
- Outlet pressure: 1.5 – 7.5 bar
- Powder coating gives high corrosion protection
- Simple maintenance; access from above

Sizes

DN50, DN65, DN80,
DN100, DN150 and DN200

Accessories

M39M Pressure Gauge



D15SN

(Low pressure applications)



Features and Benefits

- Designed for low pressure applications
- Inlet pressure balancing; the set outlet pressure is unaffected by inlet fluctuations
- Inlet pressure up to 16 bar
- Outlet pressure 0.5-2.0 bar
- Powder coating gives high corrosion protection

Sizes

DN50, DN65, DN80 and DN100

D15SH



D15SI



Features and Benefits

- Inlet pressure balancing; no influence on outlet pressure by fluctuating inlet pressure
- Patented two cartridge solution for easy assembly and maintenance - insert fits all nominal widths
- Stainless steel cartridge and PA coating for high corrosion resistance
- The adjustment spring is not in contact with the drinking water
- Max. inlet pressure: 16 bar / 25 bar
- Outlet pressure: 1.5 - 12 bar / 2 - 12 bar
- With inlet and outlet pressure gauge
- Accelerated life test with over 400,000 cycles

Sizes

DN50

Accessories

M39M Pressure Gauge for both D15SH and D15SI



Features and Benefits

- Patented cartridge solution for easy assembly and maintenance
- One cartridge insert fits all nominal widths
- All metal parts with contact to the flow made of stainless steel
- Max. inlet pressure: 16 bar
- Outlet pressure: 1.5 - 6.5 bar
- Accelerated life test with over 400,000 cycles

Sizes

DN65 - DN100

EXF125-A

An extension flange to increase the connection sizes the control valves are used for.



Features and Benefits

- Extension flange DN125 adapter flanges DN100 to DN125

Size Ductile iron, PN16 acc. ISO 7005-2 and EN1092-2. Overall length with adapter flanges (without bolts). DN125 L=416mm, including bolts and nuts.