

FILTAMATE INFORMATION

APPLICATION

- The Filtamate range of valves is used in high pressure water systems to limit water pressure, protecting downstream components.
- The valves are widely used on water filters, drink dispensers, coffee machines, ice makers, reverse osmosis units and smart appliances.

FEATURES/BENEFITS

- Unique design minimises water hammer in water systems.
- Large range to suit all markets. 28 models in total.
- Brass valves are machined from high quality NZ DR brass.
- Plastic valves available with various sizes of John Guest push fit connections for ease of installation.
- Dual check valve models are ideal for pressure limiting and backflow prevention.
- The Filtamate protects water filters by limiting water pressure to filters, minimising the risk of costly water damage to a building.



Water Filters



Drink Dispensers



Ice Makers



Coffee Machines

APEX
VALVES

**Protecting
appliances
since
1982**

APEX
VALVES

FiltaMate

PRESSURE LIMITING VALVE

- The original
- 100% hand tested
- John Guest fittings

REFRIGERATOR ICE AND WATER DISPENSER APPLICATION



COFFEE MACHINE APPLICATION



WATER DISPENSER APPLICATION



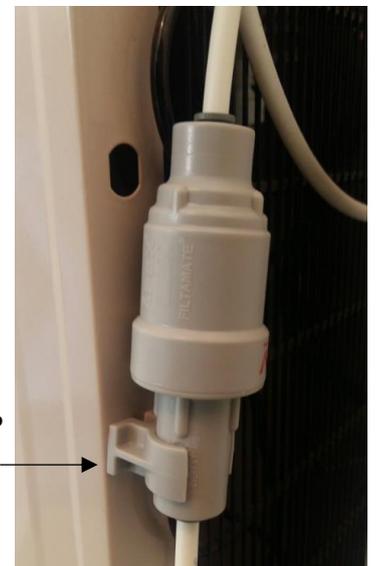
TO WATER
DISPENSER

FILTAMATE

WATER
SUPPLY



MOUNTING CLIP
WITH SCREW
INCLUDED

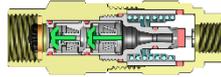


Specifications

FM



FM350, FM600 : ½" BSP inlet, ¼" BSP outlet, inlet filter screen, nickel plated body, dual check valve. Watermark certification for pressure limiting (AS 1357.2) and backflow prevention (AS/NZS 2845.1). Licence No. WMKA2596.

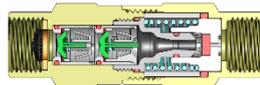


FM 50 psi, FM 85 psi : ½" BSP inlet, ¼" BSP outlet, inlet filter screen nickel plated body, dual check valve. No certification.

FM ½



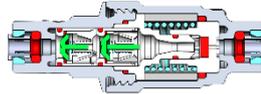
FM350 1/2, FM600 1/2 : ½" BSP inlet, ½" BSP outlet, inlet filter screen, dual check valve. Watermark certification for pressure limiting (AS 1357.2) and backflow prevention (AS/NZS 2845.1). Licence No. WMKA2596.



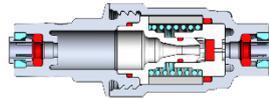
FMP



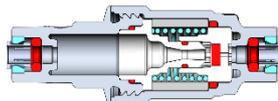
FMP350, FMP600 : ¼" John Guest push fit inlet and outlet, dual check valve. Watermark certification for pressure limiting (AS 1357.2) and backflow prevention (AS/NZS 2845.1). Licence No. WMKA2596.



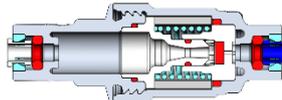
FMP350 NZ, FMP 35 psi, FMP 50 psi, FMP 60 psi, FMP 85 psi : ¼" John Guest push fit inlet and outlet, no check valve. No certification.



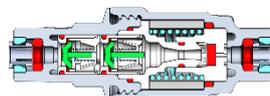
FMPW50 psi ¼" John Guest push fit inlet and outlet, no check valve. NSF61 certification. (Also available as 3/8" John Guest push fit complete with Neoperl dual check valves).



FMPFP 600/85 psi : ¼" John Guest push fit inlet and outlet, no check valve. No certification.



FMPDC 50 psi, FMPDC 85 psi : ¼" John Guest push fit inlet and outlet, dual check valve. No certification.

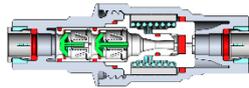
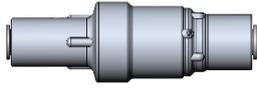


Specifications continued

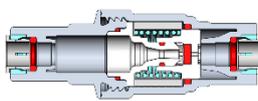
FMP 3/8



FMP 3/8 350, FMP 3/8 600 : 3/8" John Guest push fit inlet and outlet, dual check valve. Watermark certification for pressure limiting (AS 1357.2) and backflow prevention (AS/NZS 2845.1). Licence No. WMKA2596.

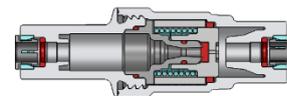


FMP 50 psi 3/8, FMP 60 psi 3/8, FMP 85 psi 3/8 : 3/8" John Guest push fit inlet and outlet, no check valve. No certification.



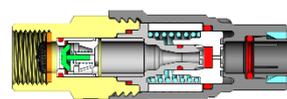
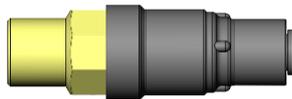
FMP 5/16

FMP 5/16 600 : 5/16" John Guest push fit inlet and outlet, no check valve. No certification.



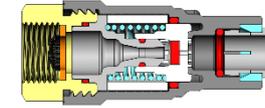
FMSC

FMSC 350 : 1/2" BSP inlet, 12 mm John Guest push fit outlet, inlet filter screen, single check valve. No certification.



FM12

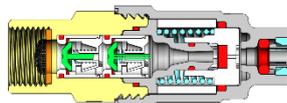
FM12 350 : 1/2" BSP inlet, 12 mm John Guest push fit outlet, inlet filter screen, no check valve. No certification.



FMBP



FMBP350, FMBP600 : 1/2" BSP inlet, 1/4" John Guest push fit outlet, inlet filter screen, dual check valve. Watermark certification for pressure limiting (AS 1357.2) and backflow prevention (AS/NZS 2845.1). Licence No. WMKA2596.



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- Flow rate: 14 l/min at 700 kPa (145 psi) inlet pressure
 - Outlet Pressure: 350 kPa (50 psi) and 600 kPa (85 psi) +/- 10% @ 1000 kPa (145 psi) inlet pressure
 - Pressure ratio: 10:1 (for every 10 kPa increase in inlet pressure above 1000 kPa, the outlet pressure will increase by 1 kPa) (for every 10 psi increase in inlet pressure over 145 psi, the outlet pressure will increase by 1 psi)
 - Maximum inlet pressure: 1600 kPa (230 psi)
 - Maximum temperature: Full brass models 60° C (140° F). Plastic bodied models 40° C (104° F)
 - Minimum temperature: 1° C (34° F)
 - Accessories: FMP valves supplied with mounting clip and fastening screw
Full brass valves have integral filter screen