Pressure Reducing Valve (Feed Valve)

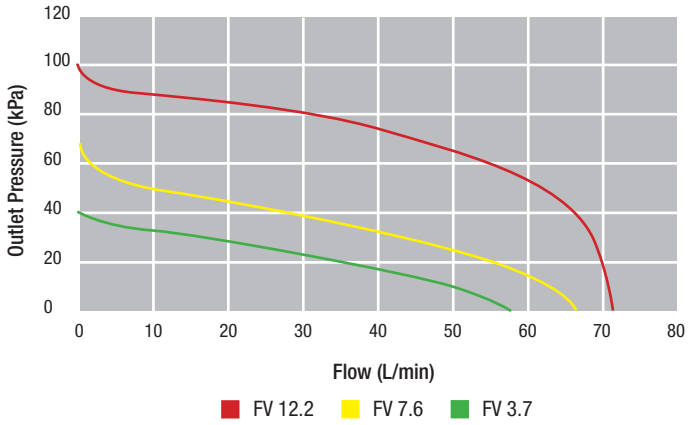
APEX VALVES
A WATTS Brand

APPLICATION
Low and medium pressure hot water systems

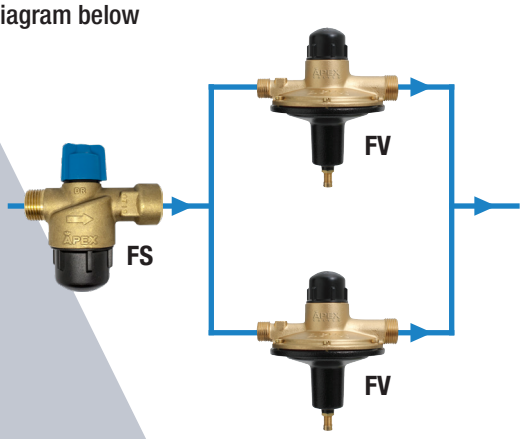
FEATURES/BENEFITS
- Pressure compensated to give constant outlet pressure regardless of inlet pressure
- Silicone rubber diaphragm and washer – no heat loop required
- Forged, high quality, corrosion resistant DR brass body
- Machined, assembled and 100% tested in NZ
- One-piece forged brass fork with no water paths – no leaks!

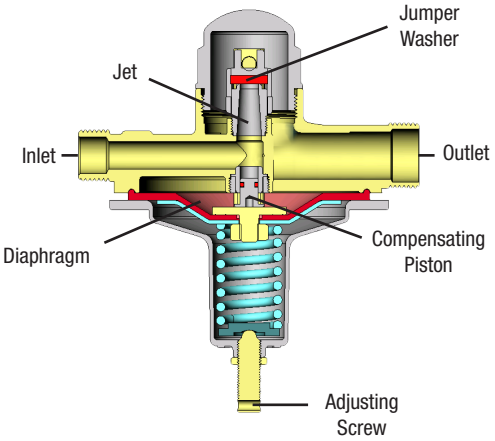
SPECIFICATIONS
- Inlet: 15mm, ½" BSP (male)
- Outlet: 20mm, ¾" BSP (male)
- Length: 138mm.
- Set pressures: FV3.7 - 35 kPa
  FV7.6 - 65 kPa
  FV12.2 - 110 kPa
- Adjustable pressure range:
  FV3.7 & FV7.6 - 15 to 100 kPa
  FV12.2 - 50 to 150 kPa
- Maximum inlet pressure: 2000 kPa
- Maximum temperature: Plastic cap 40°C
  Brass cap 80°C - hot water valve

FLOW GRAPH



For increased flow rates or inlet pressure below 200 kPa, two valves in parallel may be required, doubling the flow.
***See diagram below**





INSTALLATION
- Refer page 31 for installation guide
- Can be installed in any orientation
- Do NOT install in the ground
- Do NOT apply heat near valve during installation
- Valve may require adjustment on site. To increase pressure turn adjusting screw clockwise (1½ turns = 1 metre head).
- Valve must be either valve vented or open vented

STANDARDS
- Complies with NZ Building Code G12 (2014)
- Complies with NZS 4608:1992
- Patent No. 504476

PRODUCT CODES
FV3.7
FV7.6
FV12.2

MP3.7	Matched Pair (FV3.7 & RV3.7)
MP7.6	Matched Pair (FV7.6 & RV7.6)
MP12.2	Matched Pair (FV12.2 & RV12.2)
HFV3.7	Hot Water Feed Valve (Brass Cap)
HFV7.6	Hot Water Feed Valve (Brass Cap)
HFV12.2	Hot Water Feed Valve (Brass Cap)