

Pressure Limiting Stop Valve 20mm

APPLICATION

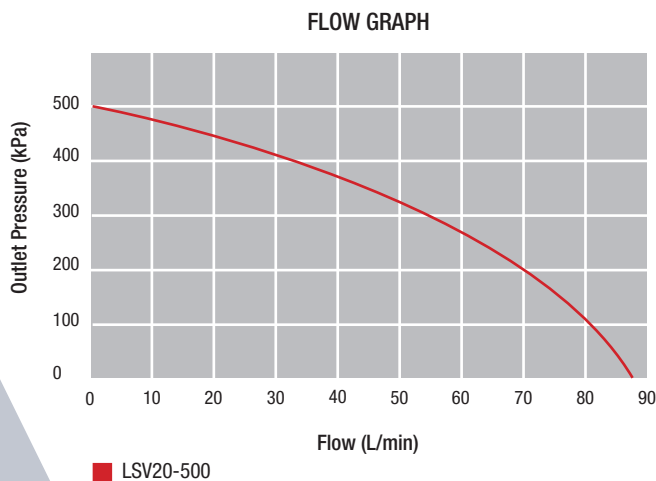
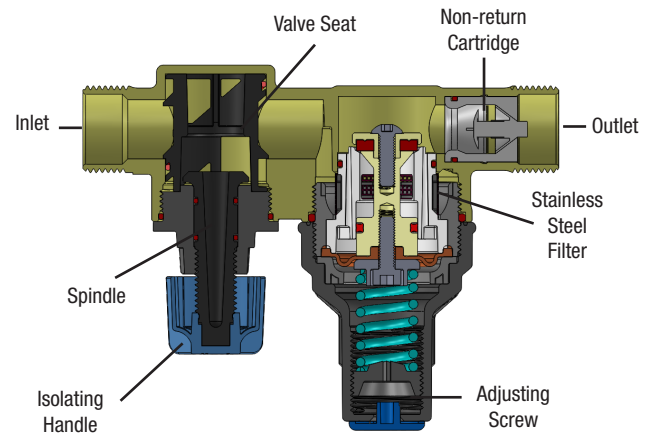
High (mains) pressure systems

FEATURES/BENEFITS

- Compact 4in1 Valve - Limiting, Isolation, Non-return and Filter all in one
- Pressure compensated to give constant outlet pressure regardless of inlet pressure
- Extremely high flow rates up to 90L/min @ 700 kPa inlet pressure
- No tools required to service valve, all valve seats and piston are contained in the easily replaceable cartridge
- Removal of cartridge will not affect the set pressures - all valve seats are contained within the cartridge
- Valve is adjustable 200 - 600 kPa with Phillips screw driver
- Can be installed outside (with cartridge down)
- Machined, assembled, and 100% tested in NZ
- Forged, high quality, corrosion resistant DR brass body
- No pipe unions, no leaks

SPECIFICATIONS

- LSV20 Inlet: 20mm, 3/4" BSP (male)
Outlet: 20mm, 3/4" BSP (male)
Length: 140mm
- Maximum inlet pressure: 2000 kPa
- Integral 60 mesh (250 micron) filter
- Limiting Stop Valve Maximum Temperature: 40°C
- Maximum Inlet Pressure: 2000 kPa



INSTALLATION

- Refer page 31 for installation guide
- Do NOT install Limiting Valve in the ground
- Do NOT apply heat near valve during installation
- Install so that both hot and cold supplies are balanced
- Can be installed in any orientation. For external application, cartridge must be at bottom.
- Must be installed with correct Expansion Valve
- To adjust outlet pressure remove cap at end of cartridge, insert large Phillips screw driver, turn adjusting screw clockwise to increase (1 turn = 60 kPa)

SERVICING

- Filter must be cleaned regularly

STANDARDS

- Complies with NZ Building Code G12 (2014)
- Complies with NZS 4607:1989
- Valves manufactured to NZS 4608:1992

PRODUCT CODES

- **LSV20 350** 350 kPa (Use with EVT500) - Black rating cap
- **LSV20 500** 500 kPa (Use with EVT700) - Blue rating cap