

# Pressure Limiting Valve 15/20mm

## APPLICATION

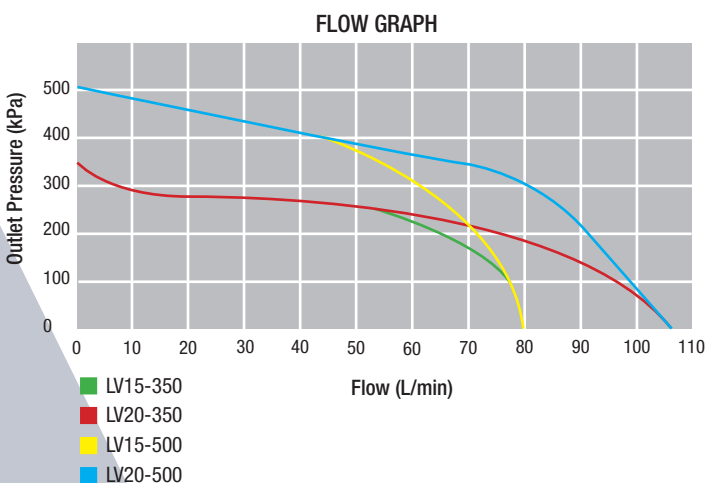
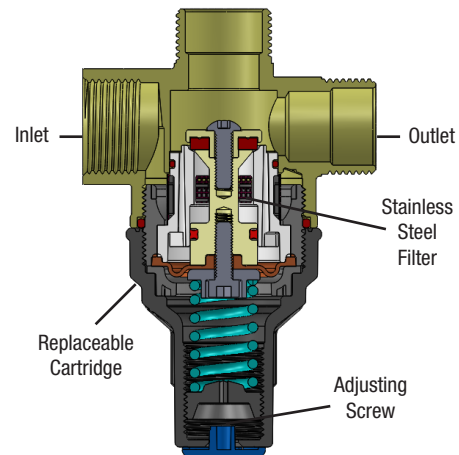
High (mains) pressure systems

## FEATURES/BENEFITS

- Pressure compensated to give constant outlet pressure regardless of inlet pressure
- Extremely high flow rates up to 105L/min @ 700 kPa inlet pressure
- No tools required to service valve, all valve seats and piston are contained in the easily replaceable cartridge (VALVE CARTRIDGE DOES NOT NEED REASSEMBLING to clean filter)
- Removal of cartridge will not affect the set pressures – all valve seats are contained within the cartridge
- Valve is adjustable 200 - 600 kPa simply with Phillips screw driver
- No pipe unions, no leaks
- Forged, high quality, corrosion resistant DR brass body
- Machined, assembled, and 100% tested in NZ

## SPECIFICATIONS

- LV15 Inlet: 15mm, 1/2" BSP (male)  
Outlet: 20mm, 3/4" BSP (male)
- LV20 Inlet: 20mm, 3/4" BSP (female)  
Outlet: 20mm, 3/4" BSP (male)
- LVT15 Inlet: 15mm, 1/2" BSP (male)  
Outlet: 20mm, 3/4" BSP (male)  
Takeoff: 20mm, 3/4" BSP (male)
- LVT20 Inlet: 20mm, 3/4" BSP (female)  
Outlet: 20mm, 3/4" BSP (male)  
Takeoff: 20mm, 3/4" BSP (male)
- Length: 80mm (all models)
- Maximum inlet pressure: 2000 kPa
- Maximum temperature: 65°C
- Integral 60 mesh (250 micron) filter



## 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 outdoor application, cartridge must be at bottom.
- Must be installed with correct Expansion Valve
- To adjust outlet pressure remove blue 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 4608:1992
- Patent No. 562340

## PRODUCT CODES

<b>LV15-350</b>	350 kPa	(Use with EVT500)
<b>LV15-500</b>	500 kPa	(Use with EVT700)
<b>LV20-350</b>	350 kPa	(Use with EVT500)
<b>LV20-500</b>	500 kPa	(Use with EVT700)
<b>LVT15-350</b>	350 kPa	(Use with EVT500)
<b>LVT15-500</b>	500 kPa	(Use with EVT700)
<b>LVT20-350</b>	350 kPa	(Use with EVT500)
<b>LVT20-500</b>	500 kPa	(Use with EVT700)