

# BOUNDARY PRESSURE LIMITING VALVE

# PLV

## FUNCTION OF A BOUNDARY PRESSURE LIMITING VALVE

The Boundary Pressure Limiting Valve has been developed to limit the water pressure to a domestic dwelling to a maximum of 500 kPa. When the water supply is flowing the Boundary Pressure Limiting Valve will allow a full flow through the downstream pipe work. When all the downstream taps are isolated the Boundary Pressure Limiting Valve will control the static pressure to a maximum of 500 kPa.

## INSTALLATION REQUIREMENTS

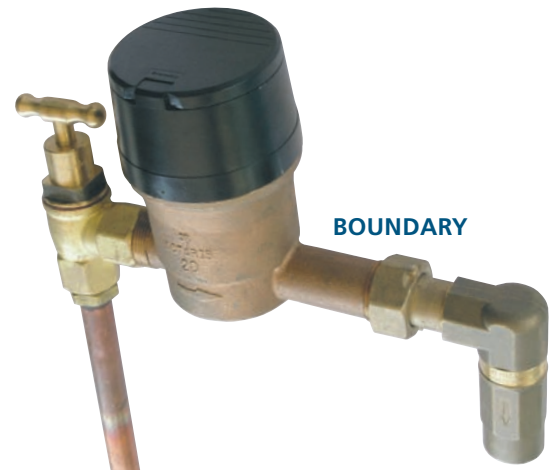
In addition to these instructions, Pressure limiting valves (PLV) must be installed in accordance with AS/NZS 3500 National Plumbing and Drainage Code and all Government requirements must be met.

## INSTALLATION INSTRUCTIONS

- AVG valves should always be installed by a licensed plumber in accordance with National Plumbing and Drainage Code AS/NZS 3500 and comply with any Local Authority requirements.
- Flush all pipe work before installing valve.
- Install the PLV with the direction of flow, as indicated by the arrow on the valve body.
- The valve should be installed where it is easily accessible.
- The valve must not be buried in the ground or installed in a situation where it could be subject to freezing.
- Do not expose a PLV to a torch flame or heat. Excessive heat will destroy the seals and sealing components.

## SPECIFICATION

- Suits inlet pressures up to 2000Kpa
- Operates at up to 80°C
- Complies with AS 1357.2
- Factory set at 500Kpa max.
- The date of manufacture is marked on the body by a two-digit DIN code.
- Body made of DR Brass.



## WARRANTY

This valve is factory set and cannot be serviced or repaired in the field. The Australian Valve Group (AVG) will not honour any warranty claim where these instructions have not been followed, or where the valve has been tampered with, or subjected to obvious abuse.

## PLV MODELS

MODEL	DN SIZE	INLET	OUTLET	PRESSURE SETTING KPA	LENGTH MM	FLOW RATE L/MIN
PLVB20500F	20	3/4 FBSP	3/4 FBSP	500 max	95	60
PLVB20500C	20	3/4 FBSP	3/4 MBSP	500 max	95	60

## DISCLAIMER

Every care has been taken in the preparation of these instructions, which have been issued as a guide only. Compliance with the requirements of local Authorities is required at all times. These requirements may change from time to time. Always be aware of the local requirements. Subject to any statutory obligations and manufacturers warranties no liability can be accepted for any losses, consequential or otherwise which may arise or be said to have arisen from relying upon the contents of this installation instruction as to the fitness of any particular product for any particular purpose, use or application. The Australian Valve Group Pty Ltd reserves the right to modify designs and specifications and to withdraw and introduce products at any time without notice.



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FOR MORE INFORMATION VISIT OUR WEBSITE AT [WWW.AVG.NET.AU](http://WWW.AVG.NET.AU)