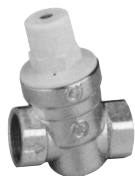


## PRV20 Adjust. Press. Reduc./ Limiting Valve



The pressure reducing/limiting valve is set at 3 bar (300 kPa) a pressure suited to ceramic disk taps and mixers, limiting the occurrences of water hammer. It is however adjustable between 1 bar and 6 bar

### WARNING!!

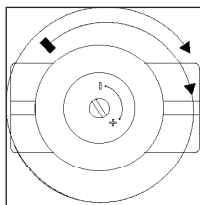
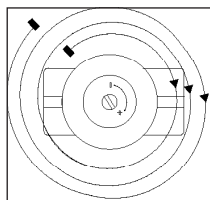
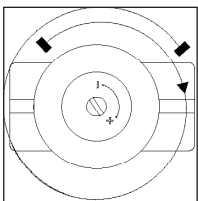
Caleffi pressure reducing valves are preset at 300 kPa but are adjustable up to 600kPa. We recommend a pressure differential of 300kPa between the cold water valve (800kPa) and the pressure limiting valve to minimise water loss due to expansion and prevent premature seat failure. Therefore **DO NOT** do not adjust the PRV higher than 400kPa.

### Technical data

Inlet max working pressure	1600 kPa
IMax working Temp.	65°C kPa
Outlet adjustable pressure	100 to 600 kPa (1 to 6 bar)
Suitable for:	water & compressed air
Factory set at:	300 kPa (3 bar)

### Maintenance

Periodically clean the filter and check or replace the internal cartridge removing the upper cap and pulling out the complete assembly containing all the moving parts while keeping the valve's body in the pipe system. Replacement cartridge assembly is available.



### WARRANTY

If any material defect arising from the manufacturing process is found in a new tap or valve Waterware Services Ltd. will undertake to repair or replace it (at its option). This undertaking will not apply if:

1. The defect is brought to Waterware's attention later than 5 years from the date of manufacture.
  2. Failure by any person to follow installation instructions or installation in an environment outside the recommended limitations or relevant NZ and/or Australian Standards and local plumbing codes. No installation should proceed without installation instructions and claims instructions were missing are not accepted as a means of avoiding this condition.
  3. Evidence cannot be produced which confirms that the relevant tap or valve was purchased from a known customer of Waterware Services Ltd.
  4. Repair work is undertaken without prior arrangement with Waterware Services Ltd.
  5. Normal maintenance requirements, refer to specific product maintenance guides.
- Waterware Services Ltd. shall in no way be liable for any loss, damage (direct, indirect or consequential), cost or expense suffered or incurred by the purchaser. Obligations accepted by Waterware Products Ltd. are.....
- ..... in addition to all other rights and remedies had by the Purchaser in law in respect of the valve and does not limit the right the Consumer may have under the Consumers Guarantee Act 1993.
- ..... subject to the exceptions and conditions previously listed. All expressed or implied conditions, statements or warranties as to the quality or fitness on any purpose of a tap or valve or otherwise are hereby expressly excluded to the fullest extent permitted by law except under conditions and warrants which cannot be legally excluded by law and which are intended in the contract for the supply of the valve by the Trade Practises and any other Act of Law.

# WATERWARE

## COMBO20I

### Inlet Control Set

(\*note 20IP comes without gauge)



### Pack Includes:

1 x PRV20T  
1 x BV20M  
1 x \*GA557306  
1 x IB215

Adjustable Pressure Limiting Valve (1 to 6 bar)  
Ball Valve Male/Male  
0 - 600kPa Pressure Gauge  
275 x 210mm inspection panel

PH 09 273 9191 | [info@waterware.co.nz](mailto:info@waterware.co.nz)

PO Box 58 776 Botany, Manukau

[waterware.co.nz](http://waterware.co.nz)

## PRV20T Caleffi Adjustable Pressure Reducing/Limiting Valve

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The pressure reducing/limiting valve can be installed in any orientation. Before fitting the valve it is advisable to open flush the system in order to remove any loose material.

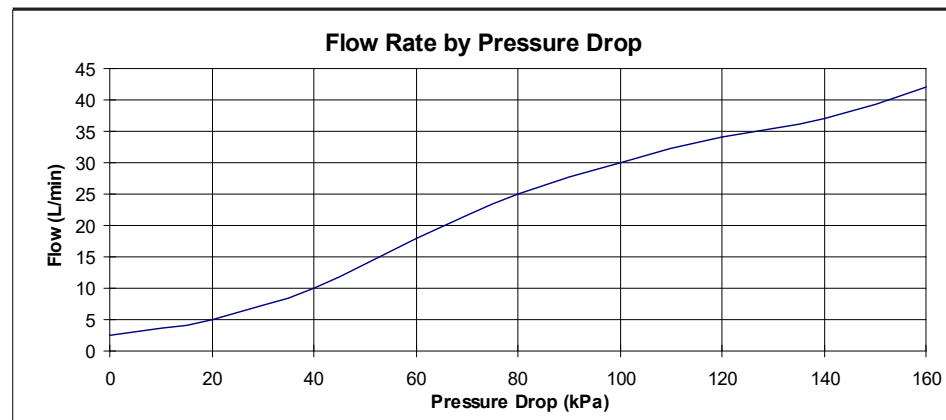
**IMPORTANT!!** Mark and record the exact location of the PRV prior to wall lining to ensure inspection panel can be positioned correctly.

### TECHNICAL DATA

Inlet max working pressure	1600 kPa
Max working Temp.	65°C
Outlet adjustable pressure	100 to 600 kPa (1 to 6 bar)
Suitable for:	water & compressed air
Factory set at:	300 kPa (3 bar)

### IMPORTANT NOTE:

Pressure drop increases significantly when the outlet pressure is adjusted below 200kPa which negatively effects the available flow rate. Graph below reflects an input pressure of 600kPa and a set pressure of 300kPa.



## IB215 Inspection Panel

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The IB215 requires an opening of 275 x 210mm. It has four bendable tabs which fold over the dry wall lining and hold the plate securely without drilling or screwing. The hinged lid is easily removed from the frame by opening and pushing reward the lid to disengage the hinge. The lid and frame are powder coated steel and suitable for indoor application only.