

## **ADJUSTING THE PUBCO FLUSH VALVE FOR CORRECT FLOW RATE AND VOLUME**

PUBCO FLUSH VALVES  
FLUSH VALVE SALES & SERVICE

Pubco Products and Engineering  
PO Box 4361  
North Rocks, NSW 2151

3A South St., Rydalmere. NSW

Phone: (02) 9684 2182  
Fax: (02) 9638 2764  
Email: sales@pubco.com.au  
ABN 51 564 457 707

The Pubco flush valve has two adjustments. The valve can be adjusted for flow rate and volume.

### Flow rate

The flow rate must be set for each valve installed and is an adjustment to the stop valve. It determines how fast the water flows through the valve and is necessary because of a different static pressure at the valve.

This adjustment does not vary the volume of flush.

The flow rate must be set so as to wet the full pan area but not allow any build-up of water in the pan.

When correctly set the flow rate will be approximately 1.5 to 2 litres per second which is the requirement to adequately flush a pan.

### Volume

The volume is set at the factory and normally does not require adjustment. The volume adjustment screw is located adjacent to the main flush cap and is on a slight angle. It requires very little movement and is adjusted by rotating the screw out or anti-clockwise to reduce the flush volume.

When the flow rate is correctly set as above the time of flush is used to estimate volume.

For example assume a 2 litres per second flow rate and to obtain a 5.5 litre flush, the time will be approximately 3 seconds.

The alternate method is to make a plug for the bowl and block the outflow, determine the height of the required flush by adding the required volume and then checking the volume of the flush against this level.

The flush adjustment valve is quite sensitive so small adjustments are made. Eg only 1/12<sup>th</sup> turns should be made each time.

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