

PUBCO

CONCEALED SINGLE-FLUSH VALVE MODEL B4H-SF



Hydraulically-Operated

Ease of operation and flexibility in push button position.

W WaterMark Level 1 WMKA00335

WELS Licence No.0098

1 star and 3 star configurations.

Flushing valves for tank fed, independent, flusherette systems. This valve is manufactured in Australia and has been designed to provide many years of reliable operation. It is made from best quality materials with few and inexpensive replacement parts required.

The valve castings are all bronze and the working brass components are DR brass.

The push button and flange are all brass and bright chrome plated.

SPECIFICATIONS

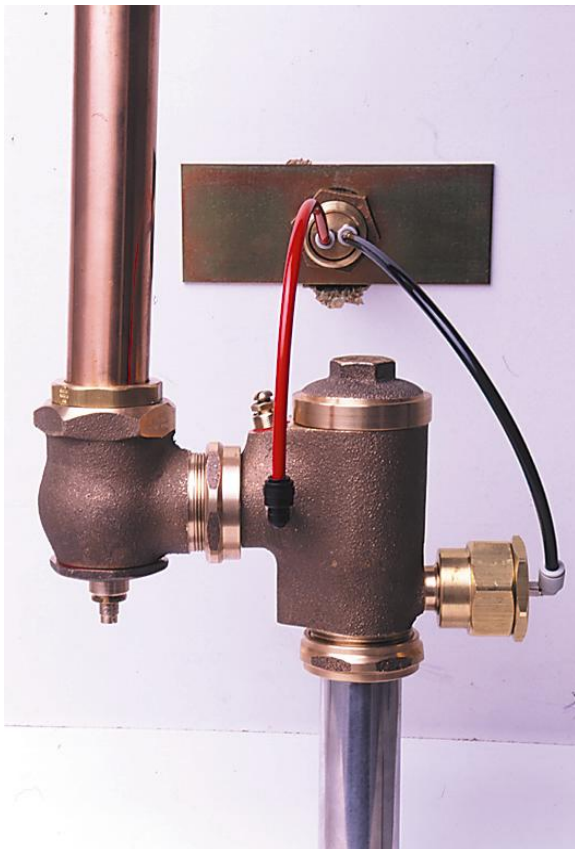
PRESSURE 30 to 300 kPa static pressure.

Pipe sizing must be adequate to provide a minimum flow pressure of 24 kPa and must be verified by qualified designers.

INLET AND OUTLET CONNECTIONS (40mm nom.)

Inlet thread is 1 ½ inch BSP female and outlet is 1 ½ inch BSP male with compression rubber seal for sealing 1 ½ inch tubing.

Adjustable coupling with the stop valve to give a centre distance of 127 mm +/- 10 mm.



BUTTONS

Buttons are available to suit any wall type from panels to brick or block construction and are supplied to suit a specified type of wall.

The push buttons are approx. 25mm dia. and the surround flange is 75mm dia. for a brick wall and 50mm dia. for a panel wall.

CAVITY SPACE AND ACCESS

Minimum to be 400 x 400 x 200 mm

Access panels must be 400 x 400 mm minimum to provide workable access.

VOLUME

Volume is factory set at the specified volume.

The pipework must have a 1 ½ inch(40 mm nom.) feed line to the valve and the reticulation pipework must be of sufficient size to provide a minimum flow rate of 1.3 litres per second for a 6.0 or 4.5 litre pan, allowing for simultaneous use.

The Pubco single-flush flush valve is available in volume adjustments of:

4.0 litre	3 star WELS rating
5.5 litre	1 star WELS rating (Maximum allowed)

RETRO-FITTING

The valve can be fitted to existing flusherette systems where the older 9 or 11 litre pans are being replaced and where the flow rate must be 1.4 litres / sec minimum allowing for simultaneous use. In older installations the pipework was usually correctly designed and these considerations usually only apply in the lowest pressure area of the building.

Replacement of a 9 litre pan to a 6 litre pan with a 5.5 litre flush will result in a 40% reduction in average flush volume.

The hydraulically operated flush valve can be fitted to existing Pubco stop valves and no pipe modifications are necessary. The stop valve spindle should be serviced or replaced. Generally no wall modifications are necessary.

The hydraulically operated flush valve and stop valve can generally be fitted to other flusherette valve installations without pipe modification but it may be necessary to enlarge the hole for the button assembly.

MAINTENANCE

The internal valve components remain identical to the existing Pubco valve and this is an advantage for servicing needs. The actuators are new but should only require a U cup and seal for maintenance. The buttons provide a long life and the cartridge can be purchased or the unit serviced with a special tool and standard O-rings.

All parts are available to purchase or Pubco can service any part in our premises.

WARRANTY

The Pubco flush valve is guaranteed against manufacturing or material defects for a period of 1 year. This is a conditional warranty. Please contact Pubco for full details.

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