

# Commissioning Hydraulic Urinal Flush Control Valve

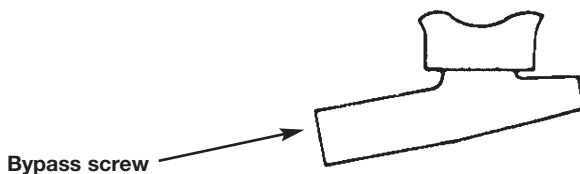
## How to set up a Cistermiser valve

STD and LP valves can be fitted in any position i.e. on vertical or horizontal pipe runs and at any angle. See the designoverleaf for optional installation conditions.

- **Venting:** To release trapped air from the valve isolate the water supply and unscrew the restrictor screw to reveal the 'O' ring. Turn the water supply on slowly until all trapped air has been exhausted. Turn the restrictor screw clockwise until the top is flush with the outer body of the valve. On STD models it may be necessary to turn off the water supply momentarily to ensure the pressure does not trap the 'O' ring. Wait for approximately 1 minute for the valve to charge up. Turn the restrictor 2 complete turns clockwise so that it is recessed into the valve body, the valve is now ready.
- **Operation:** Turn on a hand basin tap or flush a W.C. on the same supply and the valve will open.
- **Timing:** To increase the time that the valve remains open once activated turn the restrictor screw clockwise. This will allow more water to enter the cistern at each operation and increase flushing frequency.

## Hygiene flush attachment (if fitted)

The bypass screw should be set to permit a slow drip into the cistern to initiate a flush approximately every twelve hours. For correct operation it is essential that the siphon of the auto flushing cistern does not leak.

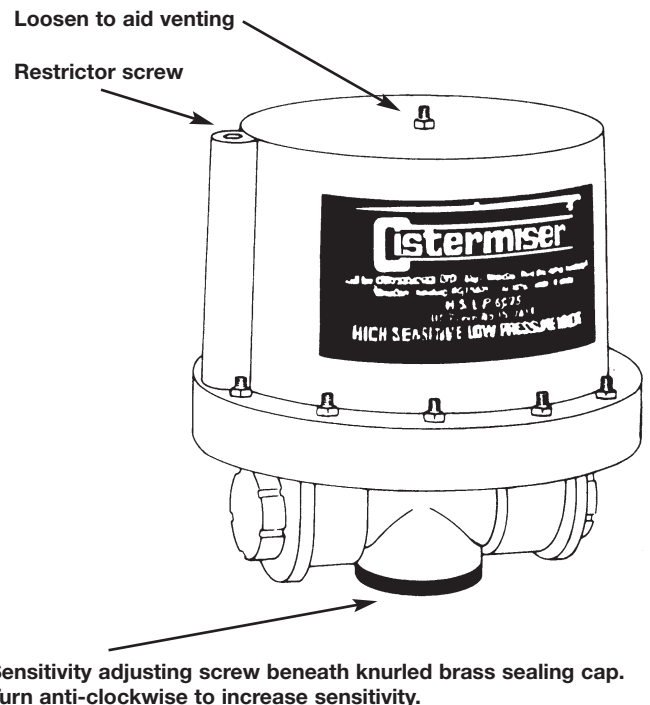


## High sensitivity low pressure valves only

The HSLP valve must be mounted in an upright position on a horizontal pipe run or its sensitivity will be reduced. It may require on-site adjustment of sensitivity in order to compensate for variations in head.

The hex nut on the top of the valve may be loosened as an aid to venting air from the top chamber. This should be done while the restrictor screw is flush with the top of the valve.

The sensitivity adjusting screw is beneath the knurled brass sealing cap. Turn anti-clockwise to increase sensitivity.



## If your Cistermiser will not operate

- Have you fitted the correct Cistermiser valve for the water supply pressure?
- Have you allowed sufficient time for the valve to recharge since its last operation. The further the restrictor screw is screwed in, the longer the valve will remain open and the longer it will be before it is ready to operate again.
- Have you bled all the air from the system? This can sometimes be difficult. Air acts as a cushion and absorbs the effect of the pressure drop which should activate the valve. Try taking the valve off the pipe and allowing water to run free taking trapped air with it.
- Is the toilet or hand basin tap that you are using to activate the valve feed from the same supply as the Cistermiser?
- Are the ball-cocks on the manually operated WCs fitted with the correct size nozzles? Make sure that the correct sized insert is fitted for the appropriate hydraulic valve model.

If you experience problems...

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# Have you specified the correct Cistermiser for your application?

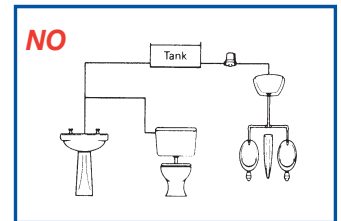
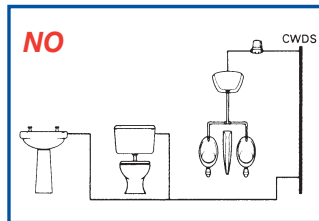
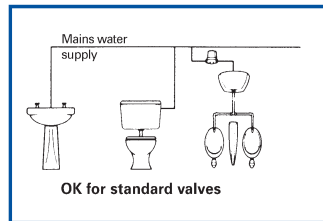
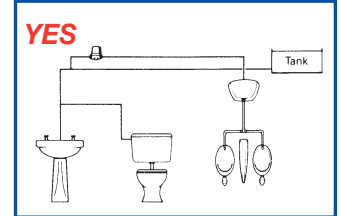
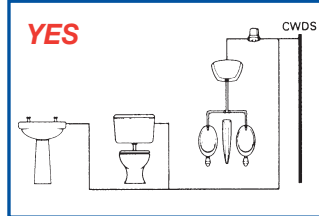
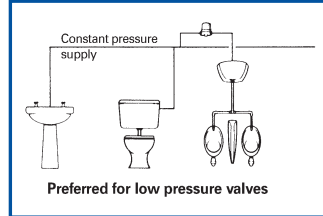


The Cistermiser hydraulic range comprises three models, two of which have an optional Hygiene Flush feature. Each model is suitable for a different water pressure range.

Connections are all 1/2" BSP female. British Pat. No. 1 542 834.

## Installation Guide

Cistermiser hydraulic valves should always be fitted on the supply side to the urinal cistern. Any other restrictors or valves should be removed so that the pipe after the Cistermiser allows water to flow freely into the cistern. Position the valve after, but as close as possible to the draw-off point to the other appliance eg cold tap or WC.

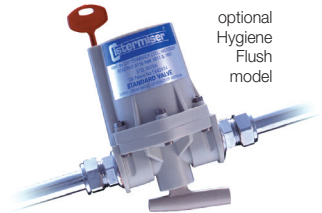


## The Cistermiser Hydraulic Range and the Hygiene Flush option

### Choosing the right valve for your application.

Three models make up the range of hydraulic valves, each suited to a different range of water supply pressure. As an optional extra feature the Standard and Low Pressure models can be fitted with the adjustable Hygiene Flush attachment to provide a minimum flush approximately once every 24 hours. The table below will help to specify the right model for your application.

Connections are all 1/2" BSP female. British Pat. No. 1 542 834.



Colour coded packaging	Model	Supply	Operating sensitivity	Dimensions
	<b>Standard Valve</b> STD 6073/A ...with Hygiene Flush STD 6073/A/HF	Mains water or tank-fed systems above 5m head	15% of supply pressure	H: 108mm ① (4.25") Ø: 80mm ② (3.2") Weight: 500g
	<b>Low Pressure Valve</b> LP 6074/A ...with Hygiene Flush LP 6074/A/HF	Tank-fed systems, 3m to 5m head	20% of supply pressure	H: 108mm ① (4.25") Ø: 80mm ② (3.2") Weight: 400g
	<b>High Sensitivity Low Pressure Valve</b> HSLP 6075	Tank-fed systems, 0.5m to 3m head	20% of supply pressure	H: 127mm ① (5") Ø: 114mm ② (4.5") Weight: 700g

	①	②
STD	112mm	83mm
LP	112mm	83mm
HSLP	130mm	112mm

**Note:** The user can control the amount of water allowed to pass through the valve each time it is activated; most users choose a range between 0.5 and 10 litres per flush.



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