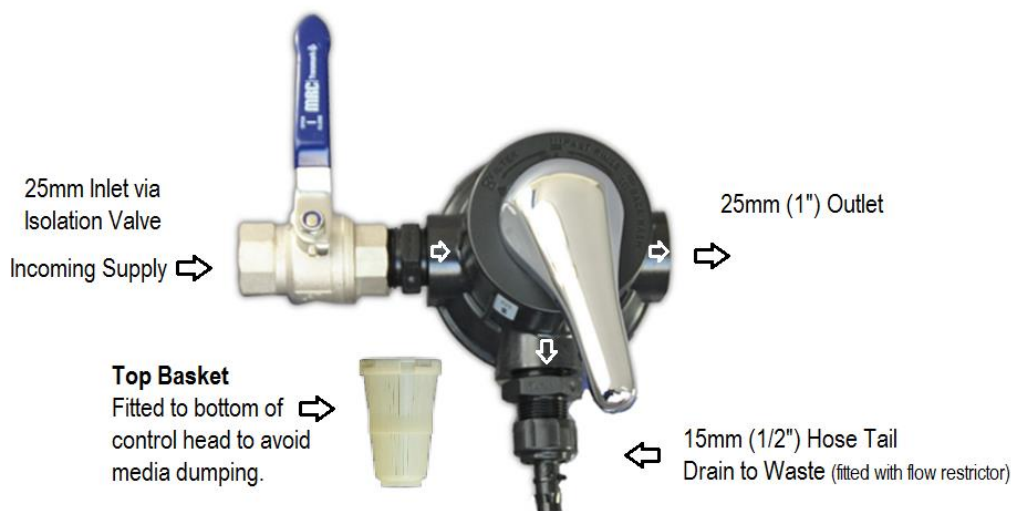


M.B.V.

Easy Flow Manual Control Valve

The M.B.V. Control Valve has three functions. The Normal service position (Filter Position) that passes water down through the filter media, the Backwash position that reverses the flow upwards to remove sediment and redistribute the media bed and the Rinse position that allows the media to settle back down after the back wash.



Connecting the Unit to the water supply

Establish the best place for the filter unit, where the piping is handy and will be free from frost (keep in mind the roof height).

Put the riser pipe into the tank and temporarily block the top then fill with the media as per instructions. Remember to remove the blockage after the media has been filled.

Fill media in the correct order. See page 2.

Screw the M.B.V. to the tank top ensuring that the riser pipe pushes up into the head. Do not over tighten as this seals onto the tank enclosure 'O' Ring.

Connect to existing water line using appropriate connectors.

The drain to waste line (standard garden hose is ideal for this purpose) should not exceed 7 metres and should not rise higher than the head. **(Ensure there is an air gap of at least 40mm at the end of the pipe).**

Put the valve into the backwash position then slowly open up the incoming supply. Air will purge out the back wash first then allow a 5 to 10 min rinse to waste, so all the media fines are flushed out. The filter is now ready for service so change over to the service position.

Pressurise system (and then turn all downstream taps/outlets off) and check for leaks. Re-tighten if necessary.

Operating Instructions

Warning: Do not turn handle of the M.B.V. without first isolating the incoming water supply.

FILTER

On commissioning turn the Control Lever till it points to the Filter position before turning on the water supply.
Always turn water supply off before moving the Control Lever.

BACKWASH & RINSE

Once a week (more if required) turn off water supply and shift the Control Lever to the Backwash position.

Turn supply back on and run for at least 10 minutes or until it clears.

Turn off supply, allow the filter media to settle then shift the Control Lever to the Rinse position for another 5 minutes.

Turn off supply and return Control Lever to the Filter position.