



## GROUNDWATER PRESSURE RELIEF VALVE - SIDEWALL MOUNT INSTALLATION GUIDELINES

### GWPRVS – Sidewall Mount:

- Ensure the pipe spigot is set level, or better still, on a slight upward incline (5-10deg) to ensure the valve flap lid seats positively under gravity. **NOTE....Sloping the pipe downwards will allow the flap lid to hang open.** The PVC pipe spigot should be of a sufficient length to project beyond the concrete thickness.
- Use Hydrotite DSS0220 as supplied around the GWPRV PVC socket OD to prevent water seepage pass the GWPRV valve - follow all manufacturer's instructions for this product to produce best results.
- When installing a PVC pipe spigot into the wall at construction time of the in-ground tank, ensure that at least 100mm of the PVC pipe is protruding from the internal tank wall face to enable correct trimming and mounting of the GWPRV valve onto the protruding spigot.
- If installing the GWPRV into a concrete cut out section of the tank sidewall, then back fill around PVC pipe with a non-shrink grout. Hilti CM 651 Type A or equivalent is suggested – follow all manufacturer's instructions for best results. The additional use of Hydrotite DSS0220 product may also be useful in this instance. Check with manufacture for specific details.
- Use PVC pipe cleaner/primer and PVC glue to bond the GWPRV valve PVC socket onto the PVC pipe – “Tangit” brand or equivalent is suggested - follow all manufacturer's instructions.
- **Ensure** the GWPRV valve is positioned straight and correctly on the spigot PVC pipework so that the flap lid hangs true and vertical, unless the pipe spigot has been installed with a slight upward incline then ensure all joints are squared off correctly.
- **Ensure** the GWPRV valve is held and supported in position until concrete or grouting has all set solid.



GWPRVS100  
GWPRVS150

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