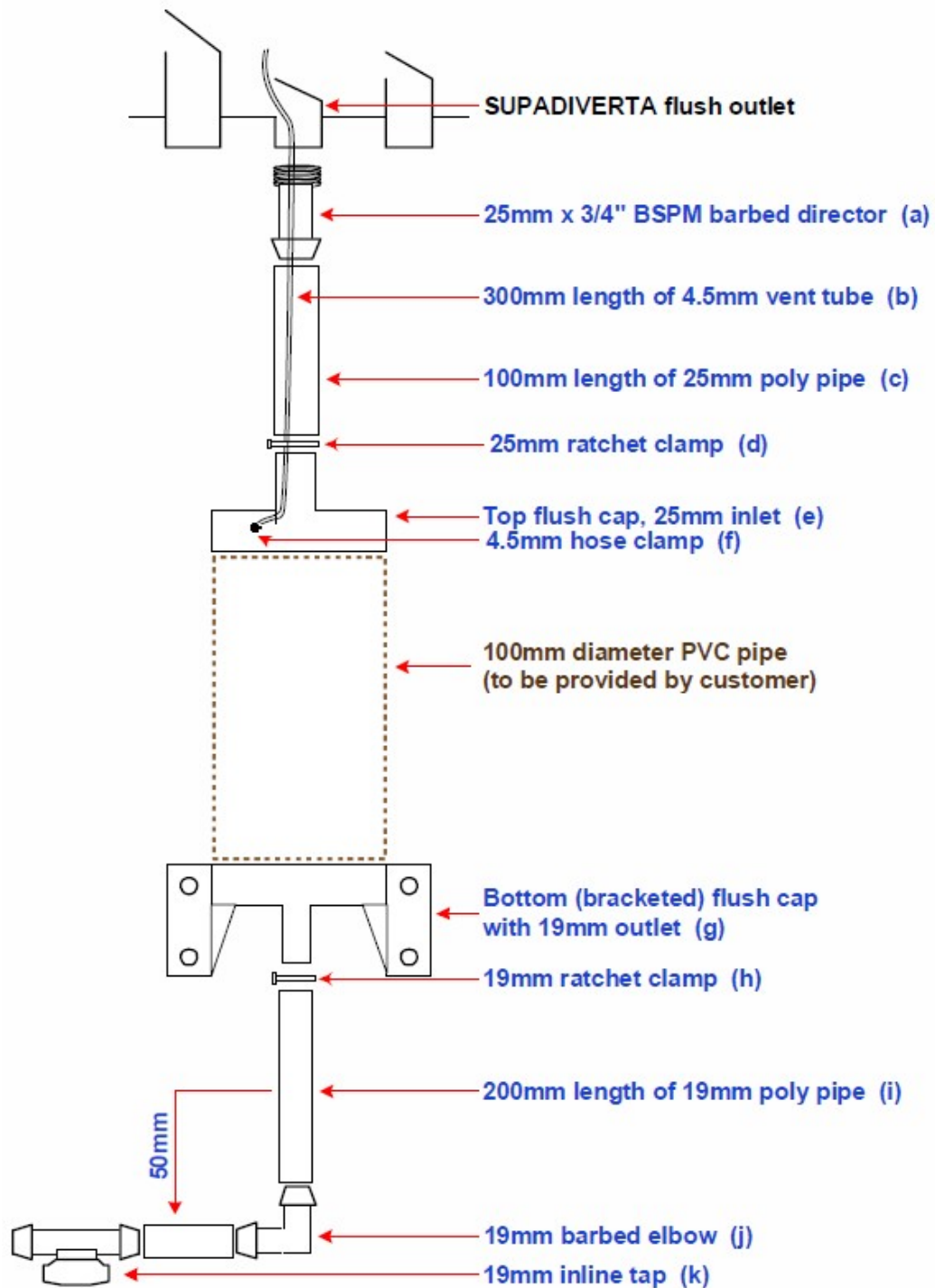


# SUPADIVERTA FIRST FLUSH KIT

NOT TO SCALE



## PARTS SUPPLIED

- (a) One 25mm x 3/4" BSP poly barbed director.
- (b) One 300mm length of 4mm vent tube.
- (c) One 100mm length of 25mm poly pipe.
- (d) Two 25 mm poly ratchet clamps.
- (e) One top cap with 25mm inlet. A lug on the cap's underside locates the 4.5mm breather tube and hose clamp.
- (f) One 4.5mm hose clamp.
- (g) One bracketed bottom cap with 19mm outlet.
- (h) Four 19 mm ratchet clamps.
- (i) One 250mm length of 19mm poly pipe.
- (j) One 19mm poly barbed elbow.
- (k) One 19 mm inline tap.

Supadiverta's 750 micron filter diverts larger debris to waste and the flush chamber captures much of any heavier fine debris that passes through the filter throughout the entire rain event.

Aquatrek has designed the 100mm first flush kit for minimal yield loss and low maintenance by eliminating the usual wasteful and blockage prone dripper. This requires the flush chamber to be manually drained through the 19 mm inline tap after each rain event.

*Note: If diverting to a tank and the Supadiverta has been height adjusted on the downpipe to substitute as the tank's overflow, the Supadiverta will retain water in the internal reservoir when the tank is full and if the flush chamber is drained, it will refill with water back-flowing from the tank. The flush can be allowed to settle for a few days and then drained once the tank's water level falls. The top of the reservoir wall is level with the website address on the Supadiverta's walls.*

## FITTING INSTRUCTIONS

- Fit the Flush Kit prior to fitting the vertical drops. Have someone help hold the flush chamber when drilling the anchor holes.
- **AS/NZS 2032 Installation of PVC pipe systems** requires that **uPVC pressure pipes** exposed to UV must be painted with light coloured water-based paints or otherwise protected.
- Carefully thread the breather tube through the hole in the lug on the top cap's underside and up the cap's spout.
- Attach the 4.5mm hose clamp to the end of the tube to prevent the tube being pulled through the lug.
- The caps are a precise fit. Lightly bevelling the pipe's top and bottom outer edge will assist with a quick and accurate fitting.
- Use PVC pipe primer and PVC solvent cement to join the top and bottom caps to a suitable length of 100mm PVC DWV pipe. Silicone sealant can also be used due to the caps tight fit.
- The top cap's spout must be nearest the wall when the chamber is held against the wall with the bottom cap's bracket flush against the wall. Marking both caps correct alignment to the pipe and wall with a pencil will help position the caps correctly.
- Thread the breather tube through the 25 mm poly pipe and the 25mm x 3/4" BSPM director.
- Thread the breather tube up the middle flush outlet and into the Supadiverta.
- Fit the supplied 25mm x 3/4" BSP poly director to the flush (middle) outlet.
- Fit the 25mm poly pipe over the director and the cap's spout. Secure the poly pipe to the spout with the supplied 25mm ratchet clamp.
- Fit the bottom bracketed cap to the wall. Anchors are usually only required in the bracket's upper holes.
- Secure a 19mm poly pipe to the lower cap's spout with a 19mm clamp and fit the 19mm poly elbow. Join a length of horizontal poly pipe to the elbow and fit the 19 mm inline tap to the end. **DO NOT** fit the inline tap to a vertical poly pipe as sediment **will** foul the tap.
- **When finished, fit the filter inside the Supadiverta as per the box diagram.**

**The outlets and fittings are tapered. DO NOT USE TEFLON TAPE AND DO NOT OVER TIGHTEN.**

**FIT THE BOTTOM BRACKET TO THE WALL AFTER SECURING THE 25mm POLY PIPE TO THE DIRECTOR AND THE CAP'S SPOUT. DO NOT ATTEMPT TO FIT THE 25 mm POLY PIPE LAST.**

When re-fitting the Supadiverta's inspection lid, **be sure not to accidentally move the filter out of position**. Because the Supadiverta and lid are tapered, it is best to place the lid at an angle over the inspection opening and then slide the lid over the inlet's neck and under the small locating flap. The lid can then be pressed down to secure in position.

**IT IS VITAL THAT THE SUPADIVERTA FILTER IS CORRECTLY POSITIONED**