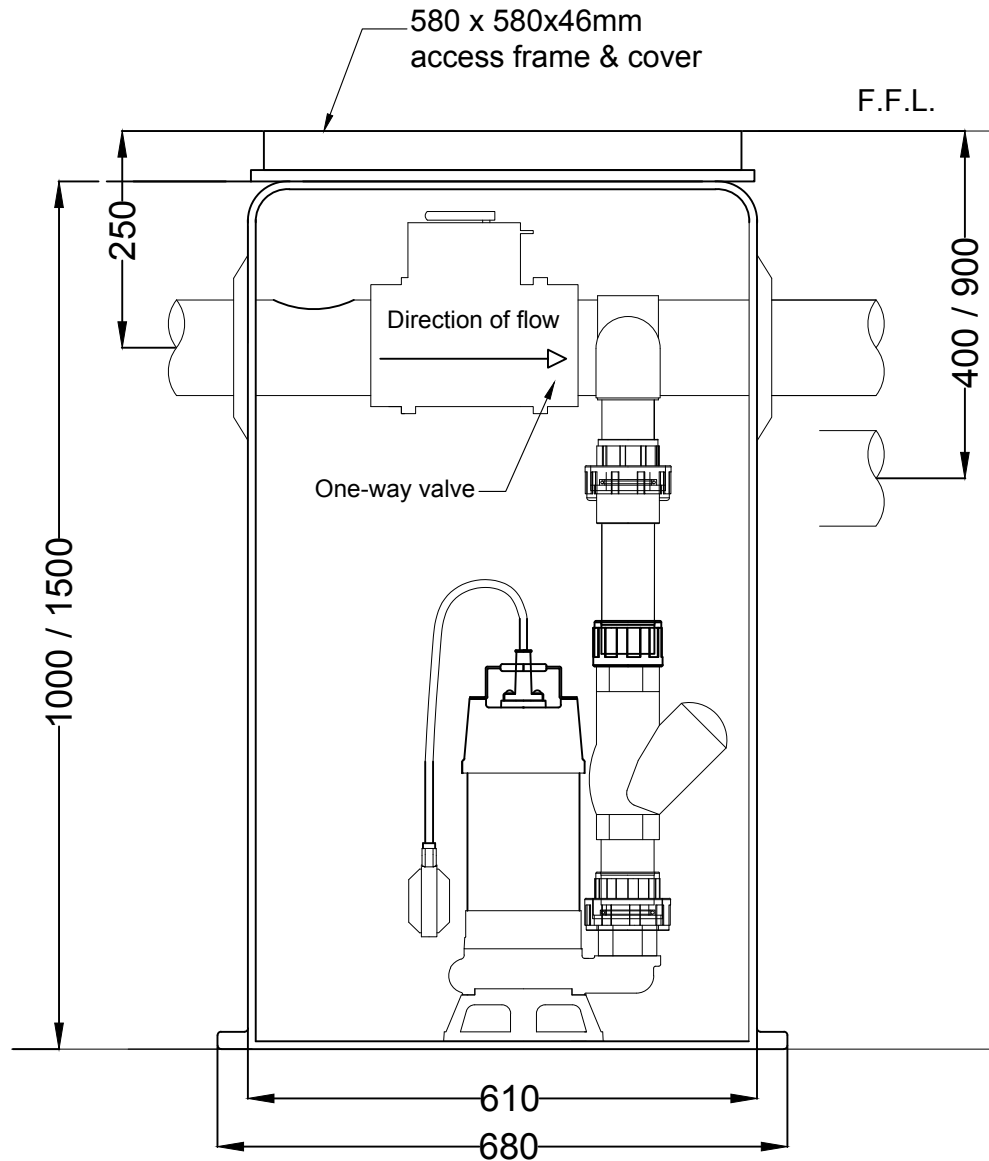


DO NOT SCALE



## Notes

The Newton BackFlow 610 is a back flow protection device that ensures continued removal of ground or waste water during a water back-flow event.

Under normal drainage conditions water is removed by gravity through the 110mm or 160mm drainage pipe. If water surcharges back up the drainage pipe, a flap valve closes preventing back-flow into the property.

When the valve is closed, water that would normally be removed by gravity enters the sump instead. This water is automatically removed by the pump via a discharge line connected the other side of the valve.

The pump easily pushes the collected water through the surcharged water pressure within the water pipe.

The minimum height from F.F.L. to the centre of invert is 250mm. The maximum depth of the invert from F.F.L. is 400mm with the 1000mm chamber and 900mm with the 1500mm deep chamber.

The Newton BackFlow 610 can be supplied with Newton clean water pumps Newton CP & NP pumps (400 or above).

To access further details and relevant technical information please call our Technical Team on 01732 360095 or refer to our [website](#).

Newton CDM System

Backflow protection device

NOTE: This is a Newton waterproofing detail and copyright remains with John Newton & Co. Ltd. (trading as Newton Waterproofing Systems). Any specification/advice provided is only valid if used with products supplied by John Newton & Co. Ltd. For the design of the structure, please use a professional designer. We recommend that Newtons' waterproofing systems are installed by our NSBC registered contractors who can offer insurance backed guarantees and accept liability for both the design and installation of our systems. Please refer to product data sheets before installation of our products. Newton Waterproofing Systems reserve the right to update drawings and product literature at any time.