

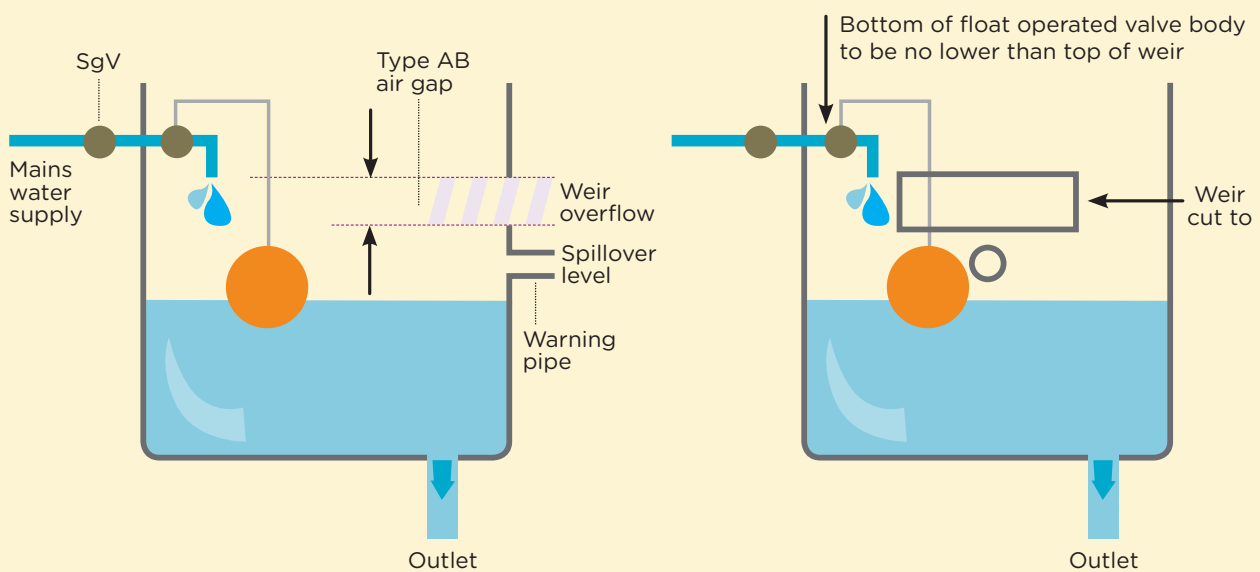
# WEIR CALCULATOR

## WEIRS FOR STORAGE CISTERNS

A weir air gap (Type AB) is needed to stop contaminated water mixing with the mains water and sits directly below the water discharge point.

The size of the air gap depends on the size of the supply pipe coming into the cistern. You will need to know the internal diameter of the supply pipe and then decide if you will use an unobstructed weir or one with a mesh over it, all sizes can be found on the back of this guide.

An air gap is a backflow prevention device, if a vacuum should occur in the supply pipe, air will be drawn in rather than the stored water.



# WEIR CALCULATOR

BELOW ARE THE WEIR DIMENSIONS FOR USE IN A TYPE 'AB' AIR GAP

Internal Diameter of Pipe mm (inch)	Width mm (inch) Unobstructed	Width mm (inch) With mesh to stop ingress from insects etc	Depth mm (inch)
13 (1/2")	150 (6")	360 (14 1/4")	50 (2")
20 (3/4")	210 (8 1/2")	505 (20")	75 (3")
26 (1")	260 (10 1/2")	625 (25")	104 (4")
39 (1 1/2")	350 (14")	840 (33 1/2")	140 (6")
46 (1 3/4")	400 (16")	960 (38 1/2")	165 (6 1/2")
52 (2")	500 (20")	1200 (48")	190 (8")
72 (3")	600 (24")	1440 (57 1/2")	295 (12")
102 (4")	750 (30")	1800 (72")	370 (14 3/4")

