

DATA SHEET

SPILLWAY

PRODUCT DESCRIPTION : Custom-designed control structure with smooth interior and corrugated exterior walls.

FUNCTION : For controlling the water level in an open-air retention system while regulating flow towards an outlet.

RAW MATERIALS : Structure : Made from high-density polyethylene (HDPE) complies with properties classification of ASTM D3350 standard.
Accessories: 304 stainless steel or galvanized steel

TECHNICAL DATA : Diameter: 450 mm (18 in) to 1 500 mm (60 in)
Standard height: custom-made
Watertightness: ASTM D3212/10.8 psi

OPENINGS : Sizing is based on retention volume and drought flows.



SPILLWAY

AVAILABLE COUPLERS/DIAMETER OF THE CONNECTING PIPE

Nom. dia. connecting pipet		Watertight connectors		Soil tight connectors	
		HDPE		HDPE	Concrete
mm	in	BIGC	BG	BC / PE	Other
300	12	X		X	X
375	15	X		X	X
450	18	X		X	X
525	21	X		X	X
600	24	X		X	X
750	30	X		X	X
900	36	X		X	X
1050	42		X		X
1200	48	X		X	X
1500	60		X		X

Note 1: For the number of inlets and outlets from the manhole, see reference document "Minimum angle between connexions".

LEGEND

BIGC : bell with integrated gasket with clips

BG : o-ring bell gasket

CB / PE : bell with clips / plain end

APPLICATIONS : Water level control

OPTIONS: Special couplers are available upon request
Flow regulators
Lifting eyelet
Debris grate
Riser
Ladder