

# DATA SHEET

## TREATMENT CATCH BASIN

**PRODUCT DESCRIPTION :** Smooth interior and exterior walls for roadway and non-roadway use

**FUNCTION :** Structure allowing pre-treatment of surface runoff at source by preventing dispersion of floating debris into the storm sewer network

**RAW MATERIALS :** Made from high-density polyethylene (HDPE) ASTM D3350 Separator, HDPE internal mechanism and air vent, variable height, welded by continuous fusion.

**TECHNICAL DATA :** Diameter: 600 mm (24 in), 750 mm (30 in) and 900 mm (36 in)  
Standard height: 2 m (6.5 ft)  
Structural strength: CAN/CSA - S6 - 02 (CL-625) and AASHTO (H-25 and HS-25)  
Watertightness: ASTM D 3212/10.8 PSI



Treatment CATCH BASIN with cast iron adjustable frame and grate

**AVAILABLE COUPLERS :** Watertight: see technical data table  
The type of coupler available is based on the diameter of the connecting pipe.

## TECHNICAL DATA TABLE

Nom. dia.		Int. dia.		Ext. dia.		Weight		Frames and grates		Depth of sump					
mm	in	mm	in	mm	in	kg/m	lbs/ft	Non-roadway	Roadway	Sediment vol. available					
										300 mm (12 in)		600 mm (24 in)		900 mm (36 in)	
										m <sup>3</sup>	ft <sup>3</sup>	m <sup>3</sup>	ft <sup>3</sup>	m <sup>3</sup>	ft <sup>3</sup>
600	24	603	23.8	746	29.4	68.3	45.8	S series cast iron	Adjustable cast iron	0.09	3.14	0.18	6.28	0.27	9.42
750	30	756	29.8	899	35.4	110.9	74.4	S series cast iron	Adjustable cast iron	0.13	4.83	0.26	9.66	0.39	14.49
900	36	912	35.9	1056	41.6	127.5	85.5	S series cast iron	Adjustable cast iron	0.20	7.03	0.4	14.06	0.60	21.09

Note 1: Values in the table are approximate and may change without notice.

Note 2: Weight does not include frames and grates.

Note 3: Contact your castings supplier for exact dimensions of available frames and grates.

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## TREATMENT CATCH BASIN (CONT.)

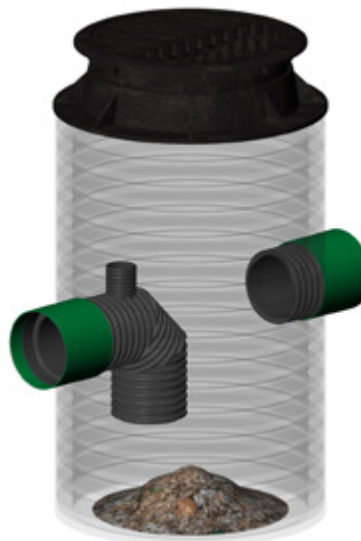
### AVAILABLE COUPLERS/DIAMETER OF THE CONNECTING PIPE

Nom. dia. connecting pipe		Watertight connectors				
		HDPE			PVC	
mm	in	DBIG	BIGC	S	MG	S
100	4	X		X	X	X
150	6	X		X	X	X
200	8	X		X	X	X
250	10	X				
300	12		X			
375	15		X			
450	18		X			
525	21		X			
600	24		X			
750	30		X			
900	36		X			

**LEGEND**

DBIG: double bell with integrated gasket  
 BIGC: bell with integrated gasket with clips

MG: multiaxial gasket  
 S: Sol Tee



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### TREATMENT CATCH BASIN (CONT.)

APPLICATION : Control of sediments and floating debris

OPTIONS : Other diameters and special couplers are available upon request

- Riser
- Lift eyelet
- Special frames and covers
- Flow regulators