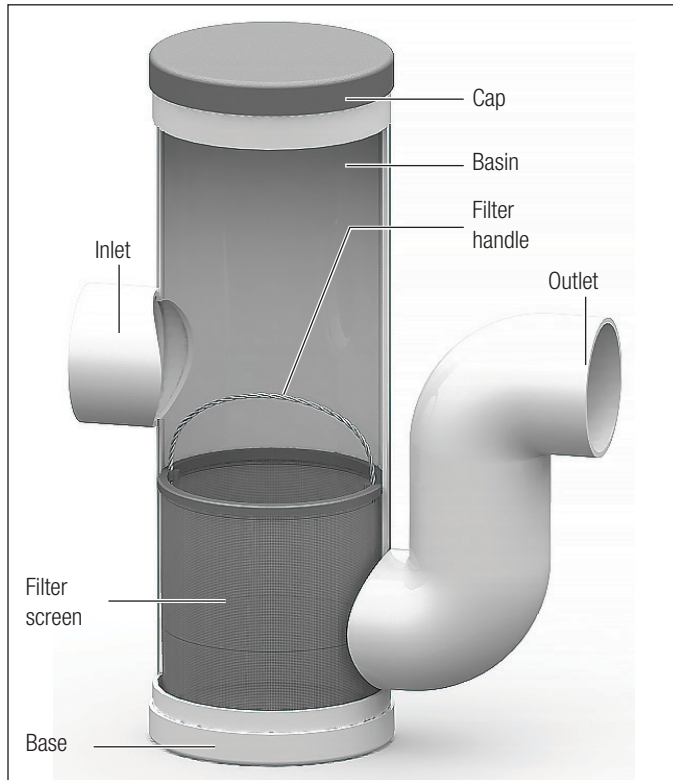


Stormwater Catch Basins

Applications

Orenco's Stormwater Catch Basin (SCB) is a cost-effective alternative to concrete or steel catch basins. It is ideal for jurisdictions that require filtration of stormwater before it is released onsite or to a stormwater collection system. It is also well suited for use in rainwater collection systems. The SCB is designed to screen materials as small as 1/8in (3mm) diameter out of stormwater.



SCB1236-6L Stormwater Catch Basin with level inlet/outlet

General

Orenco's Stormwater Catch Basin (SCB) is based on Orenco's proven Screened Pump Vault technology and materials. Stormwater flows into the basin vault and is screened through the 1/8in (3mm) filter mesh before flowing out through the basin outlet. The filter has a nominal open area of 50%.

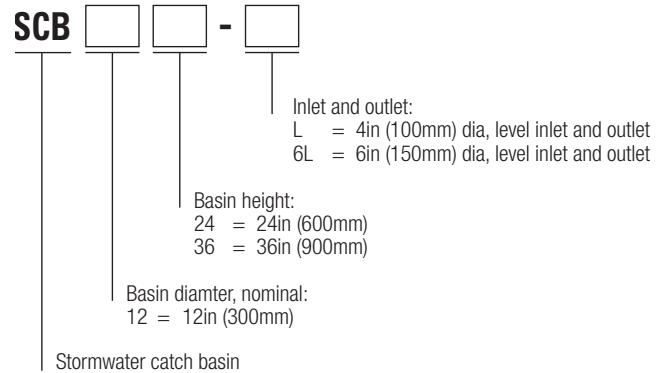
The inlet and outlet couplings on the SCB1236-6L accommodate 6in iron pipe size (IPS) pipe; the inlet and outlet couplings on all other models accommodate 4in IPS pipe. All SCBs use durable Orenco fiberglass lids and bases.

SCBs come with filters that are easy to remove and clean, simplifying maintenance.

Standard Models

SCB1224, SCB1236, SCB1236-L, SCB1236-6L

Product Code Diagram



Materials of Construction

Cap and base	Fiberglass
Basin	PVC
Inlet and outlet	Schedule 40 PVC
Filter ring and base	Polyurethane
Filter screen	Polyethylene, 1/8in (3mm) screen mesh

All product and performance assertions are based on proper design, installation, operation, and maintenance according to Orenco's current published documentation.

Specifications

Dimensions, in (mm)

Model	SCB1224	SCB1236	SCB1236-L	SCB1236-6L
A	19¼ (489)	19¼ (489)	22⅞ (581)	27½ (699)
B	24 (610)	36 (914)	36 (914)	36 (914)
C	4½ (114)	4½ (114)	4½ (114)	6⅞ (168)
D	13⅞ (352)	13⅞ (352)	13⅞ (333)	16⅞ (410)
E	4½ (114)	4½ (114)	4½ (114)	6⅞ (168)
F	8⅞ (213)	8⅞ (213)	13⅞ (340)	16⅞ (410)
G	13 (330)	13 (330)	13 (330)	13 (330)

Flow Rates, gpm (L/sec)

Model	SCB1224	SCB1236	SCB1236-L	SCB1236-6L
Top of Inlet	130 (8.2)	130 (8.2)	40 (2.5)	115 (7.3)
Top of Inlet + 4in (100mm)	170 (10.7)	170 (10.7)	n/a	n/a
Top of Inlet + 6in (150mm)	n/a	n/a	100 (6.3)	190 (12.0)
Top of Inlet + 12in (300mm)	n/a	n/a <td 140 (8.8)	n/a	

