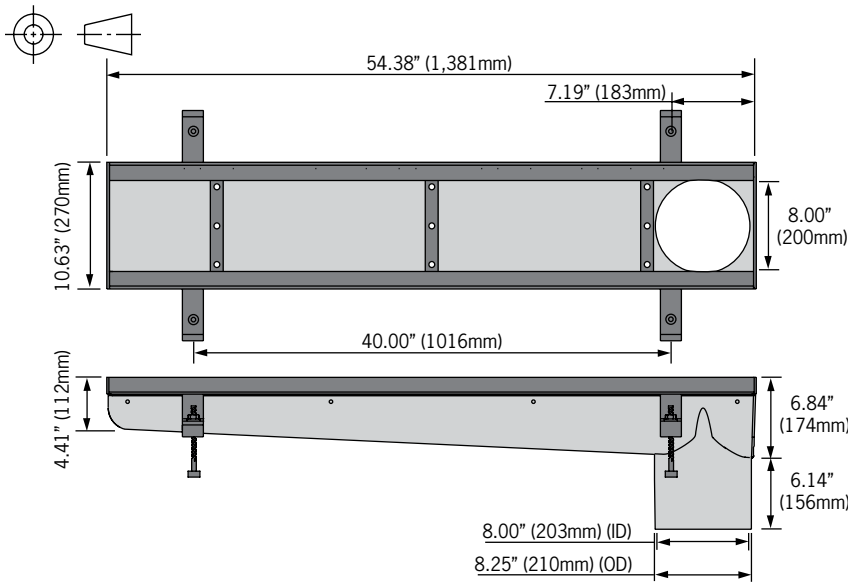


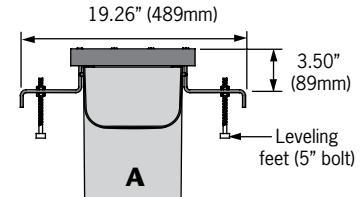


BridgeDrain - 54" Scupper with galvanized frame



Outlet flow rates

Outlet	Outlet Size	Invert Depth	GPM	CFS
A	8" ID pipe	6.60"	516	1.15



Specification

General

The scupper shall be ACO INFRASTRUCTURE BridgeDrain Scuppers as manufactured by ACO, Inc. or equal approved.

Materials

The scupper bodies shall be manufactured from polyester fiberglass, with minimum properties as follows:
 Compressive strength: 24,400 psi
 Flexural strength: 9,943 psi
 Water absorption: 0.33%
 Frost proof
 Salt proof - B117 Salt Spray Test compliant
 Dilute acid and alkali resistant

The nominal clear opening shall be 8.00" (203mm) with overall width of 10.63" (270mm). Units shall be manufactured with a sloped invert and have a wall thickness of at least 0.125" (3mm) Each unit will feature a 8" outlet pipe. The fiberglass channel body shall be fixed to the frame using push fit nylon studs. Overall length shall be 54.38".

Frames shall be manufactured from either minimum 0.188" (5mm) thick galvanized steel and incorporate levelling feet to ensure correct and easy installation; leveling feet also act as concrete anchors to ensure maximum mechanical bond to surrounding bedding material and pavement surface.

Grates

See separate ACO Spec Info sheets for details.

Installation

The surface drain system shall be installed in accordance with the manufacturer's installation instructions and drawings.

BridgeDrain Scupper - Part List

Description	Part No	Length		Invert Depth - female		Invert Depth - male		Weight lbs
		inches	mm	inches	mm	inches	mm	
Scuppers								
54" scupper with galv. frame	95350	54.38	1,381	4.30	109	6.60	167	127.5

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ACO Specification Information