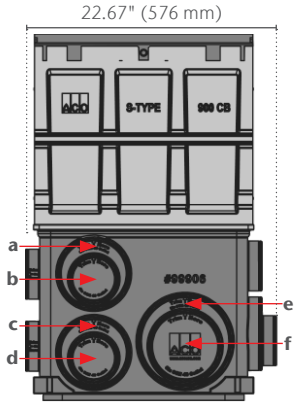
SK2-902D In-Line Catch Basin w/ Plastic Base Spec Sheet

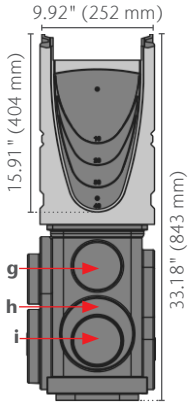
SK2-902D

part no. 68053 (S200K)

Side

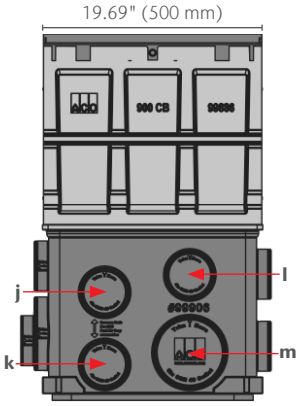


Front

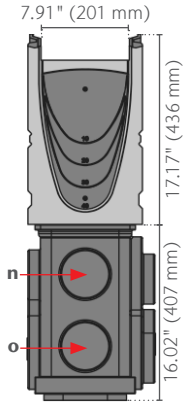


Catch Basin Outlet	Size (SCH 40)	Invert in	GPM	CFS
a	6.00"	24.68	570	1.27
b	4.00"	24.13	256	0.57
c	6.00"	31.82	658	1.47
d	4.00"	31.26	294	0.66
e	8.00"	31.82	1149	2.56
f	6.00"	31.26	651	1.45
g	4.00"	23.19	251	0.56
h	6.00"	30.32	640	1.43
i	4.00"	29.90	288	0.64

Side



Front



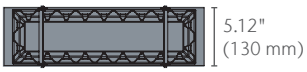
Catch Basin Outlet	Size (SCH 40)	Invert in	GPM	CFS
j	4.00"	25.33	263	0.59
k	4.00"	31.83	297	0.66
l	4.00"	23.76	254	0.57
m	6.00"	31.83	658	1.47
n	4.00"	23.91	255	0.57
o	4.00"	30.40	290	0.65

Note: These are pipe flow rates at specified outlets, NOT channel flow rates. Catch basin flow rates are listed without a trash bucket—using a trash bucket reduces flow.

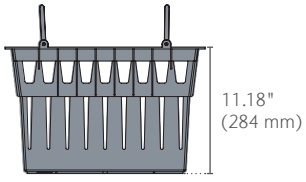
Trash Bucket

included with SK2-902D

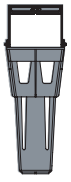
Top



Side

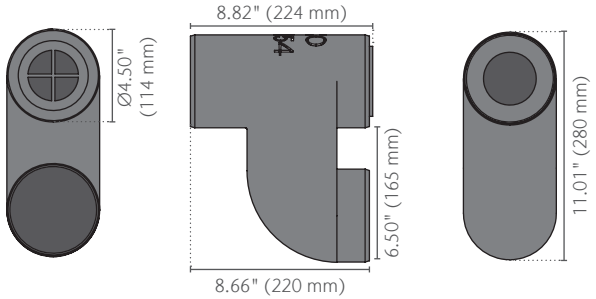


Front



Foul Air Trap (optional)

part no. 90854



SK2-902D In-Line Catch Basin w/ Plastic Base Spec Sheet

Product Name	Part No.	Volume* gal	Weight lbs
SK2-902D In-Line Catch Basin w/ Plastic Base	**68053**	18.1	81.8
Foul Air Trap	**90854**	-	1.2

**Volume is up to grate seat and without trash bucket.*

Specification Summary

General

The catch basin shall be ACO Drain® SK2-902D Catch Basin, comprising of a top section, trash bucket and base as manufactured by ACO, Inc. or similar approved.

Grates

Grates shall be specified. See separate ACO Spec Info grate sheets for details. After removal of grates there shall be uninterrupted access to the catch basin to aid maintenance. Accepts all 0.5 m ACO S300K PowerLok® grates or S300K 4-Bolt grates.

Installation

The trench drain/catch basin system shall be installed in accordance with the manufacturer's installation instructions and recommendations

Materials

The catch basin top section shall be manufactured from polymer concrete with the minimum properties as follows:

- Compressive strength: 13,053 psi
- Flexural strength: 3,191 psi
- Water absorption: 0.07%
- Resistant to dilute acid and alkali
- Frost-proof
- Salt-proof

The nominal clear opening shall be 7.91" (201 mm) wide by 19.69" (500 mm) long. Overall width of 9.92" (252 mm) by 22.67" (576 mm) long. Type SK2-902D catch basin assembly has overall depth of 33.18" (843 mm). Polymer concrete top units shall incorporate a cast in a ductile iron frame manufactured with drillouts for channel connection and have a wall thickness of at least 0.59" (15 mm). Top units shall have horizontal cast in anchoring key features on the outside to ensure maximum mechanical bond to the surrounding bedding material and pavement surface. The base unit shall be an LLDPE plastic molding and incorporate molded plastic pipe stubs to facilitate pipe connection. The trash bucket shall be a polypropylene plastic molding.

200,000 lb Proof Load

EN1433 Load Class F
202,328 lbs – 4,177 psi

ACO, Inc.

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