

K1-906 In-Line Catch Basin w/ Polymer Concrete Base



K1-906 (K100)
part no. 97934

K1-906 (KS100)
part no. 97935

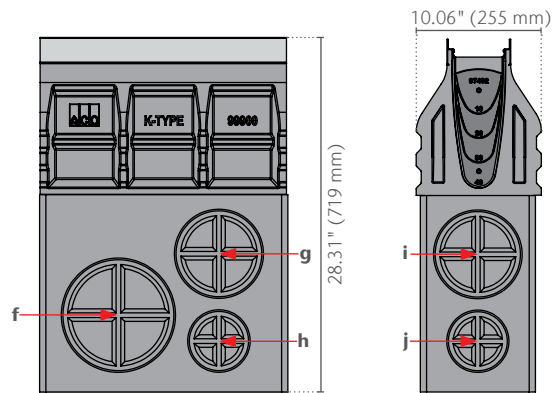
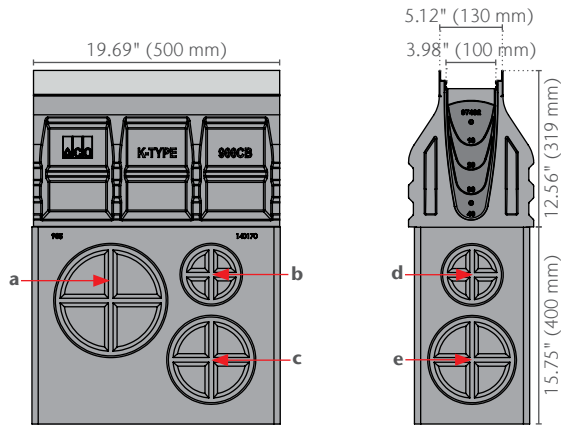


Side

Front

Side

Front



Catch Basin Outlet	Size (SCH 40)	Invert in	GPM	CFS
a	8.00"	22.43	934	2.15
b	4.00"	18.36	220	0.51
c	6.00"	26.17	589	1.36
d	6.00"	20.26	509	1.17
e	4.00"	26.23	268	0.62

Catch Basin Outlet	Size (SCH 40)	Invert in	GPM	CFS
f	8.00"	26.17	1025	2.36
g	6.00"	20.26	509	1.17
h	4.00"	26.23	268	0.62
i	4.00"	18.36	220	0.51
j	6.00"	26.17	589	1.36

Underside



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.

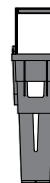
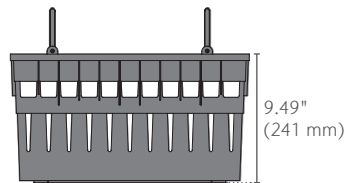
Trash Bucket

included with K1-906

Top

Side

Front



K1-906 In-Line Catch Basin w/ Polymer Concrete Base



Product Name	Part No.	Volume* gal	Weight lbs
K1-906 In-Line Catch Basin w/ Polymer Concrete Base (K100)	97934	11.1	113.4
K1-906 In-Line Catch Basin w/ Polymer Concrete Base (KS100)	97935	11.1	113.4

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

Specification Summary

General

The catch basin shall be ACO Drain K1-906 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 and QuickLok® bar there shall be uninterrupted access to the catch basin to aid maintenance. Accepts all 0.5 m ACO K100 DrainLok grates or K100 QuickLok grates with optional QuickLok bar.

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 and base 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 3.98" (100 mm) wide by 19.84" (504 mm) long. Overall width of 10.06" (255 mm) by 19.84" (504 mm) long. Type K1-906 catch basin assembly has overall depth of 28.31" (719 mm). Polymer concrete top units shall incorporate a cast in a galvanized or stainless steel 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 trash bucket shall be a polypropylene plastic molding.

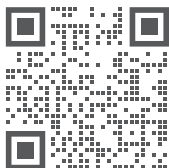


EN1433 Load Class E
134,885 lbs – 2,785 psi

ACO, Inc.

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