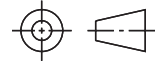


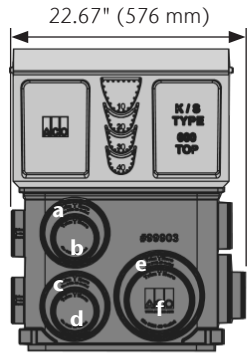
# K1-621 Catch Basin

**K1-621**

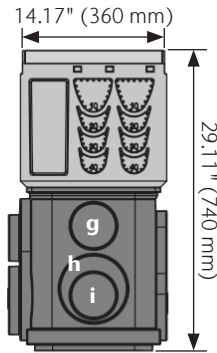
part no. 94617 (K100) / 94618 (KS100)



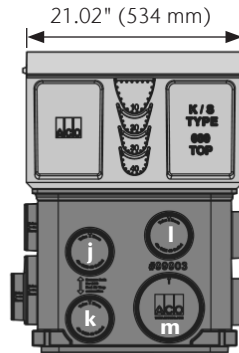
Side



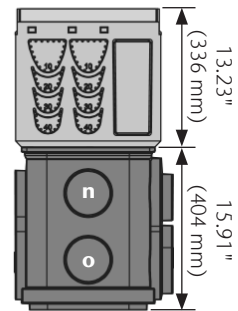
Front



Side



Front



Catch Basin Outlet	Size (SCH 40)	Invert in	GPM	CFS
a	6"	20.62	514	1.15
b	4"	20.07	231	0.52
c	6"	27.76	609	1.36
d	4"	27.19	273	0.61
e	8"	27.76	1061	2.36
f	6"	27.19	602	1.34

Catch Basin Outlet	Size (SCH 40)	Invert in	GPM	CFS
g	4"	19.15	225	0.50
h	6"	26.28	591	1.32
i	4"	25.86	266	0.59

Catch Basin Outlet	Size (SCH 40)	Invert in	GPM	CFS
j	4"	21.29	239	0.53
k	4"	27.79	276	0.62
l	4"	19.72	229	0.51
m	6"	27.79	610	1.36

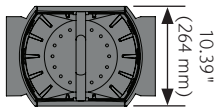
Catch Basin Outlet	Size (SCH 40)	Invert in	GPM	CFS
n	4"	19.84	230	0.51
o	4"	26.34	269	0.60

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.

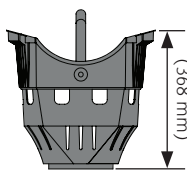
**Trash Bucket**

included with K1-621

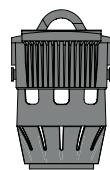
Top



Side



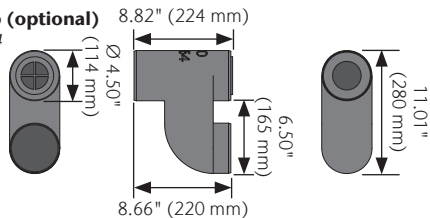
Front



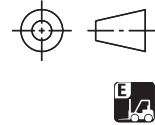
Volume = 35.7 in<sup>3</sup> (23,033 mm<sup>3</sup>)

**Foul Air Trap (optional)**

part no. 90854



# K1-621 Catch Basin



Parts	Part No.		Volume* gal	Weight lbs
	K100	KS100		
K1-621 Catch Basin w/ Plastic Base	94617	94618	24.9	55.8
Foul Air Trap	90854		-	1.2

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

**Product Features**

- 4", 6" and 8" drill-outs for pipe connection.
- Compatible with both ACO DrainLok and QuickLok® K100 grates.
- Integrally cast-in galvanized or stainless steel frame.
- Blanking plates are supplied with catch basin tops to stop concrete ingress at end of drain run.

**Specifications**

**General**

The catch basin shall be ACO Drain K1-621 Catch Basin, comprising of a top section, trash bucket and base as manufactured by ACO, Inc. or similar approved.

**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 14.17" (360 mm) wide by 21.02" (534 mm) long. Type K1-621 catch basin assembly has overall depth of 29.11" (740 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 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.

**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.

ACO Specification Information

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the future of drainage

