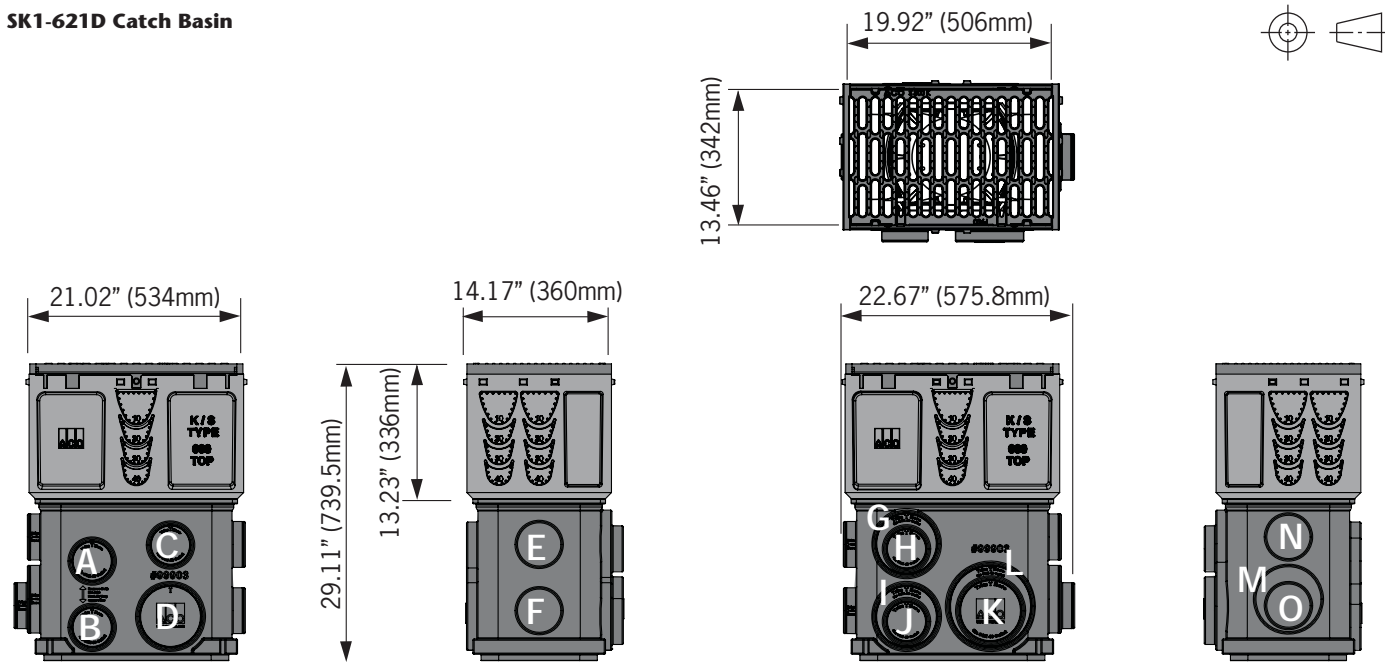


SK1-621D Catch Basin with slotted ductile iron grate

SK1-621D Catch Basin



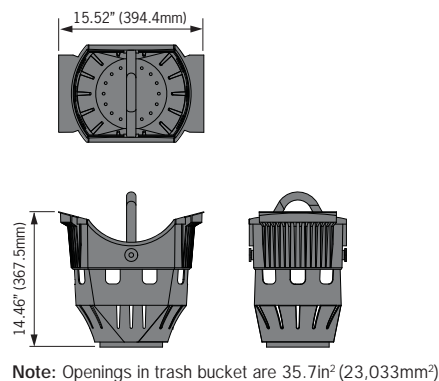
Outlet flow rates

Outlet	Product	Outlet size (Sch. 40)	Invert Depth	GPM	CFS
A	Type SK1-621D	4" round	21.29"	239	0.53
B	Type SK1-621D	4" round	27.79"	276	0.62
C	Type SK1-621D	4" round	19.72"	229	0.51
D	Type SK1-621D	6" round	27.79"	610	1.36
E	Type SK1-621D	4" round	19.84"	230	0.51
F	Type SK1-621D	4" round	26.34"	269	0.60
G	Type SK1-621D	6" round	20.62"	514	1.15
H	Type SK1-621D	4" round	20.07"	231	0.52
I	Type SK1-621D	6" round	27.76"	609	1.36
J	Type SK1-621D	4" round	27.19"	273	0.61
K	Type SK1-621D	6" round	27.19"	602	1.34
L	Type SK1-621D	8" round	27.76"	1061	2.36
M	Type SK1-621D	6" round	26.28"	591	1.32
N	Type SK1-621D	4" round	19.15"	225	0.50
O	Type SK1-621D	4" round	25.86"	266	0.59

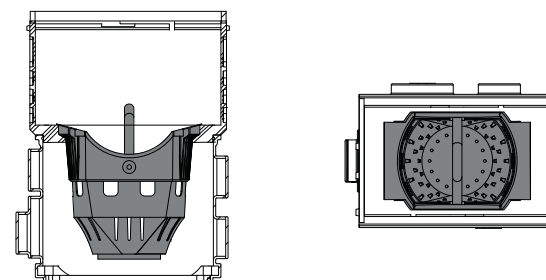
Notes:

- These are the pipe flow rates at the specified outlet.
- *Flow rates without trash bucket - using trash bucket or filter bag reduces flow rates.
2. 4" diameter foul air trap, part# 90854, can be fitted to catch basin base at outlet positions A/B and E/F

Trash Bucket



Note: Openings in trash bucket are 35.7in² (23,033mm²)



Note: Trash bucket position within SK1-621D catch basin body and base

Supplied By:
TRENCHDRAIN
SUPPLY
 877-903-7246
 www.trenchdrainsupply.com

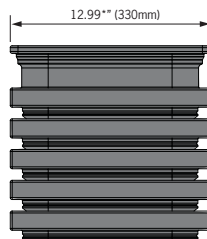
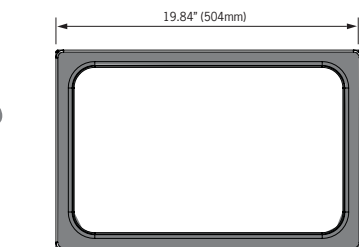
ACO DRAIN

SK1-621D Catch Basin with slotted ductile iron grate



Description	Part No.	Invert Depth inches	mm	Weight lbs.
Type SK1-621D Catch basin assembly - top, grate, removable "QuikLok" bar, trash bucket & base	94573	28.86	733.2	88.7
Catch Basin Components				
Type 600 optional riser	99902	40.86	1038	10.0
Foul air trap - fits both Type 900 & Type 600 basins	90854	-	-	1.2
QuickLok grate removal tool	01318	-	-	0.3

Optional riser detail (Part# 99902)



Notes:

1. Riser can be cut down in 1" (25mm) increments.
2. Addition of riser will alter the outflow rates of base as shown on table overleaf.

Specifications

General

The catch basin shall be ACO Drain SK1-621D Catch Basin - comprising of top section, grate, trash bucket and base as manufactured by ACO Polymer Products, Inc. or similar approved.

Materials

The top unit body shall be manufactured from polyester polymer concrete with minimum properties as follows:

Compressive strength:	14,000 psi
Flexural strength:	4,000 psi
Water absorption	0.07%
Frost proof	YES

Salt proof	YES
Dilute acid and alkali resistant	YES

The nominal clear opening shall be 13.46" (342mm) wide by 19.92" (506mm) long. Overall length of 22.70" (575.8mm) by 15.38" (390.6mm) wide. Type SK1-621D catch basin assembly has overall depth of 29.11" (739.5mm). Polymer concrete top units shall incorporate a cast in ductile iron frame manufactured with drillouts for channel connection and have a wall thickness of at least 0.59" (15mm). 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 a LLDPE plastic molding and incorporate molded plastic pipe stubbs to facilitate pipe connection.

Optional Riser

Optional riser can be useful between polymer concrete top unit and LLDPE base unit. Use of riser is determined by access and local building codes.

Grates

Grates are manufactured from slotted ductile iron. Ductile iron to ASTM 536-84 - Grade 65-45-12. After removal of grates there shall be uninterrupted access to the catch basin to aid maintenance.

Installation

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

ACO Polymer Products, Inc.

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Chardon, OH 44024
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Toll free: (800) 543-4764
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