SK2-621D Catch Basin with slotted ductile iron grate

SK2-621D Catch Basin

19.69" (500mm)

14.25" (362mm)

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11.81" (300mm)

37.64" (956mm)

22.67" (575.9mm)

15.91" (404.2mm)

7.87" (200mm)
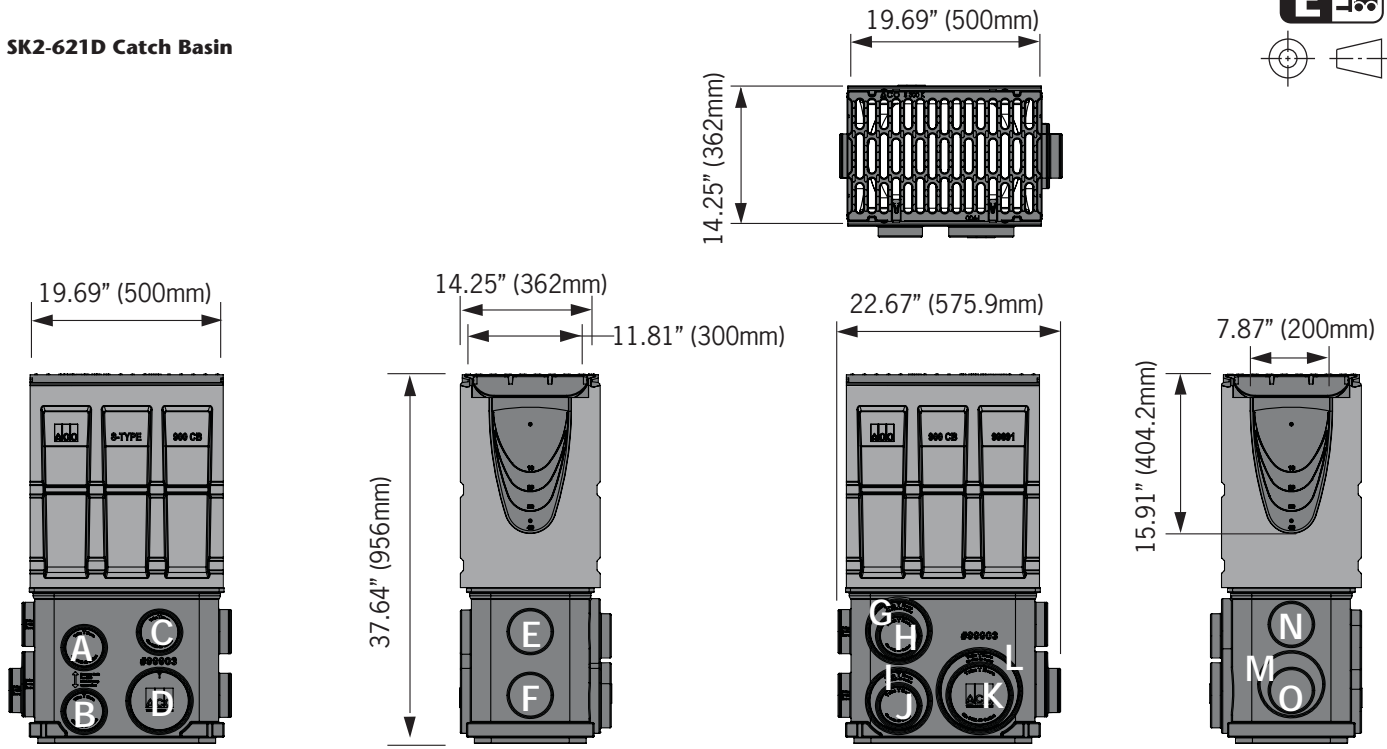
Outlet flow rates

Outlet	Product	Outlet size (Sch. 40)	Invert Depth	GPM	CFS
A	Type SK2-621D	4" round	29.80"	287	0.64
B	Type SK2-621D	4" round	36.29"	319	0.71
C	Type SK2-621D	4" round	28.22"	279	0.62
D	Type SK2-621D	6" round	36.29"	707	1.57
E	Type SK2-621D	4" round	28.37"	280	0.62
F	Type SK2-621D	4" round	34.87"	312	0.70
G	Type SK2-621D	6" round	29.15"	626	1.40
H	Type SK2-621D	4" round	28.59"	281	0.63
I	Type SK2-621D	6" round	36.28"	707	1.57
J	Type SK2-621D	4" round	35.72"	316	0.70
K	Type SK2-621D	6" round	35.72"	701	1.56
L	Type SK2-621D	8" round	36.28"	1237	2.76
M	Type SK2-621D	6" round	34.78"	690	1.54
N	Type SK2-621D	4" round	27.65"	276	0.61
O	Type SK2-621D	4" round	34.36"	310	0.69

Notes:
1. These are the pipe flow rates at the specified outlet, **NOT** channel flow rates.
*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.

3. Fits PowerDrain S200K systems.

Trash Bucket

15.52" (394.4mm)

14.46" (367.5mm)

Note: Openings in trash bucket are 35.7"² (23,033mm²)
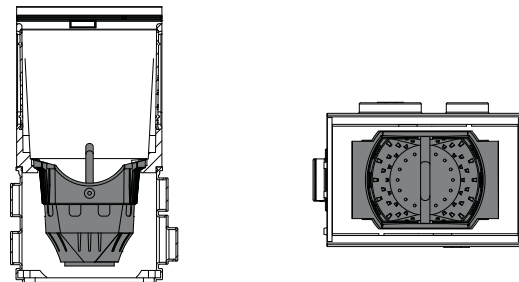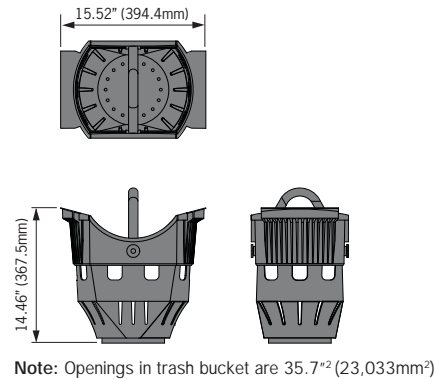
Note: Trash bucket position within SK2-621D catch basin body and base

ACO Specification Information

ACO DRAIN

SK2-621D Catch Basin with slotted ductile iron grate

Description	Part No.	Invert Depth		Weight lbs.
		inches	mm	
Type SK2-621D Catch basin assembly - top, removable "QuikLok" bar, trash bucket, grate & base	**94575**	37.40	950	144.0
Catch Basin Components				
Type 600 optional riser	**99902**	12.00	304.8	10.0
Foul air trap - fits both Type 900 & Type 600 basins	**90854**	-	-	1.2
QuickLok grate removal tool	**01318**	-	-	0.5

Optional riser detail (Part# 99902)

19.84" (504mm)

12.75" (323.9mm)

12.99"" (330mm)
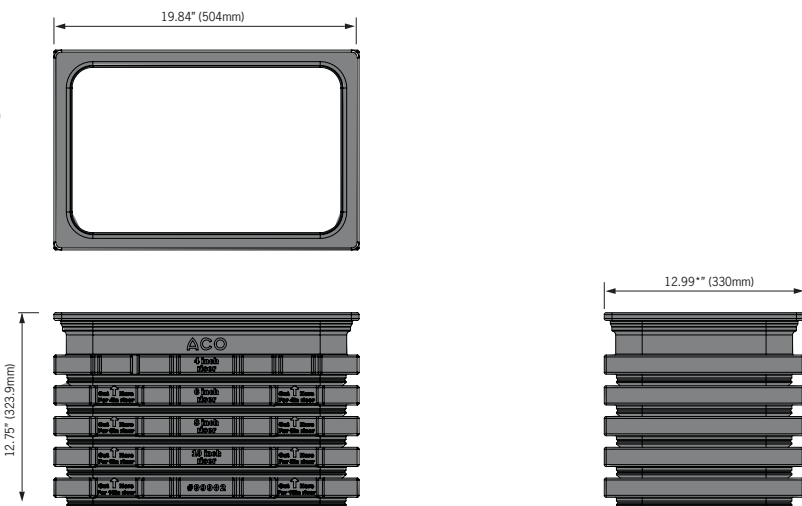
Notes:
1. Riser can be cut down in 1" (25mm) increments.
2. Addition of riser will alter the outflow rates of base as shown on table overleaf.

Specifications

General
The catch basin shall be ACO Drain SK2-621D Catch Basin - comprising of top section, trash bucket, grate 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 14.25" (362mm) wide by 19.69" (500mm) long. Overall width of 22.67" (575.9mm) by 37.64" (956mm) long. Type SK2-621D catch basin assembly has overall depth of 37.64" (956mm). 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 used between polymer concrete top unit and LLDPE base unit. Use of riser is determined by acess 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.

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Apr 13/1

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