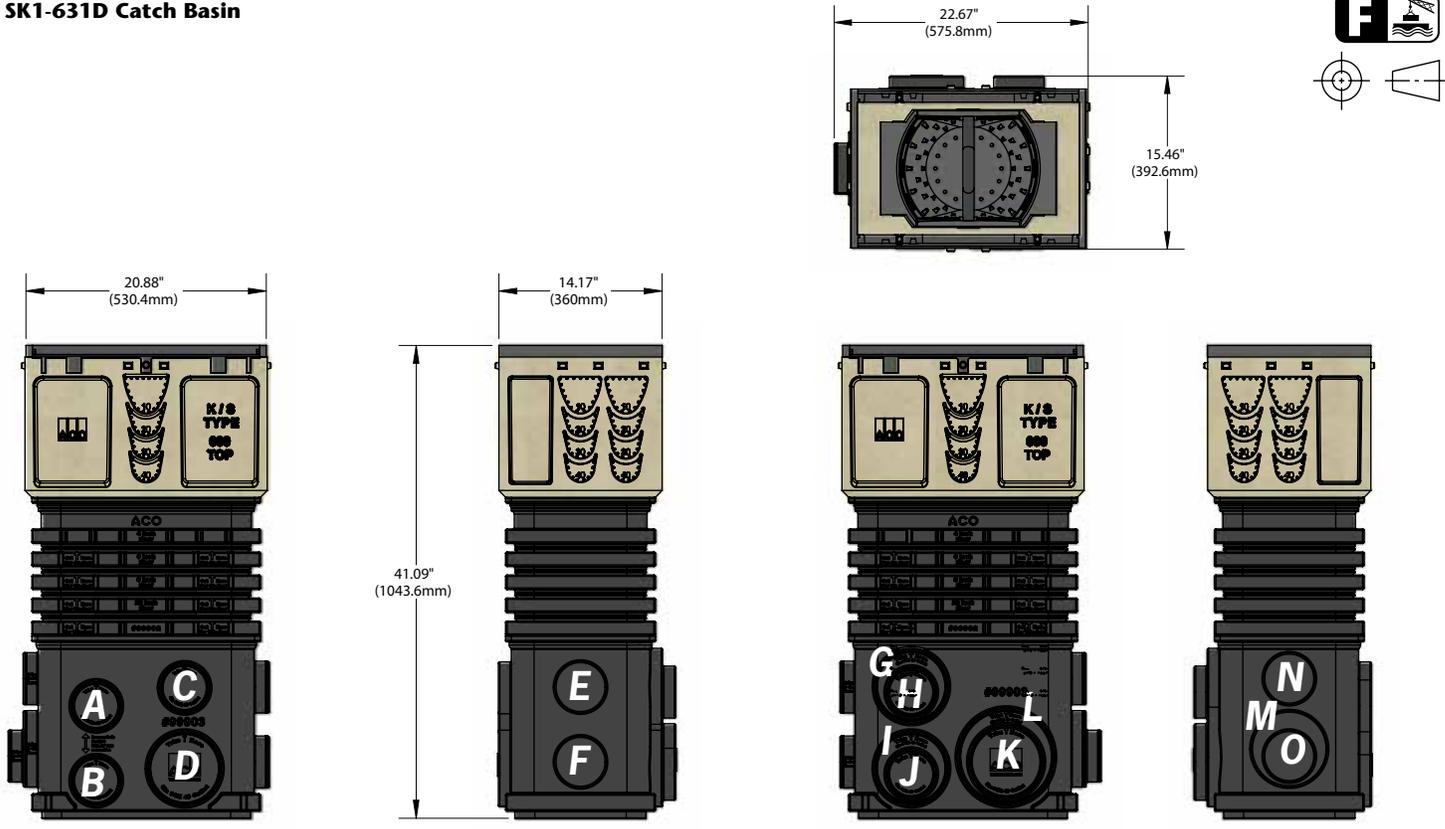


SK1-631D Catch Basin

SK1-631D Catch Basin



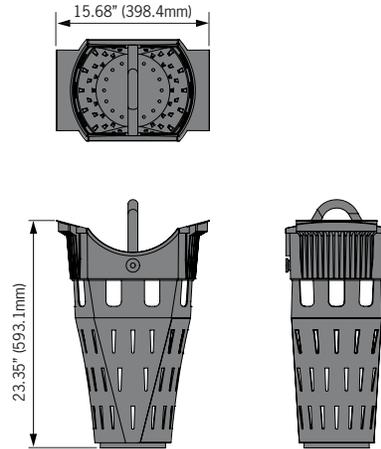
Outlet flow rates

| Outlet | Product | Outlet size (Sch. 40) | Invert Depth | GPM | CFS |
|--------|---------------|-----------------------|--------------|------|------|
| A | Type SK1-631D | 4" round | 33.29" | 305 | 0.68 |
| B | Type SK1-631D | 4" round | 39.79" | 335 | 0.75 |
| C | Type SK1-631D | 4" round | 31.72" | 297 | 0.66 |
| D | Type SK1-631D | 6" round | 39.79" | 743 | 1.66 |
| E | Type SK1-631D | 4" round | 31.84" | 297 | 0.66 |
| F | Type SK1-631D | 4" round | 38.34" | 328 | 0.73 |
| G | Type SK1-631D | 6" round | 32.62" | 667 | 1.49 |
| H | Type SK1-631D | 4" round | 32.07" | 299 | 0.67 |
| I | Type SK1-631D | 6" round | 39.76" | 743 | 1.65 |
| J | Type SK1-631D | 4" round | 39.19" | 332 | 0.74 |
| K | Type SK1-631D | 6" round | 39.19" | 737 | 1.64 |
| L | Type SK1-631D | 8" round | 39.76" | 1302 | 2.90 |
| M | Type SK1-631D | 6" round | 38.28" | 728 | 1.62 |
| N | Type SK1-631D | 4" round | 31.15" | 294 | 0.65 |
| O | Type SK1-631D | 4" round | 37.86" | 326 | 0.73 |

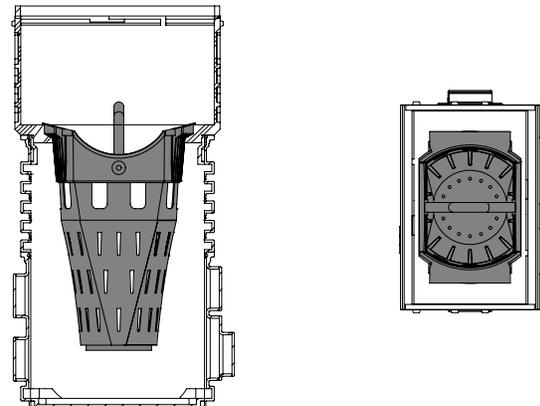
Note:

- These are the pipe flow rates at the specified outlet.
*Flow rates without trash bucket - using trash bucket or filter bag reduces flow rates.
- 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 74.4in² (48,028mm²)



Note: Trash bucket position within SK1-631D catch basin body and base

ACO Specification Information

ACO DRAIN

SK1-631D Catch Basin



ACO Specification Information

| Description | Part No. | Invert Depth inches | Invert Depth mm | Weight lbs. |
|--|--------------|------------------------|--------------------|----------------|
| Type SK1-631D Catch basin - 19.69" (0.5m) | 67054 | 40.86 | 1038 | 85.7 |
| 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 |

Optional Grates

Choose from:

- SK1 ductile iron slotted grate 19.69" (0.5m)
(Load class F) - **96082**
- SK1 ductile iron longitudinal grate 19.69" (0.5m)
(Load class F) - **96096**
- SK1 ductile iron 4-bolt grate 19.69" (0.5m)
(Load class F) - **99590**

| Specifications | | Water absorption | 0.07% | Installation The trench drain/catch basin system shall be installed in accordance with the manufacturer's installation instructions and recommendations. |
|--|------------|---|-------|--|
| General The catch basin shall be ACO Drain SK1-631D Catch Basin as manufactured by ACO Polymer Products, Inc. or similar approved. | | Frost proof | YES | |
| Materials The top unit body shall be manufactured from polyester polymer concrete with minimum properties as follows: | | Salt proof | YES | |
| Compressive strength: | 14,000 psi | Dilute acid and alkali resistant | YES | |
| Flexural strength: | 4,000 psi | 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 SK1-631D catch basin assembly has overall depth of 41.11" (1044.3mm). 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 and riser unit shall be a LLDPE plastic molding and incorporate molded plastic pipe stubbs to facilitate pipe connection. | | |

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March 2017

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