

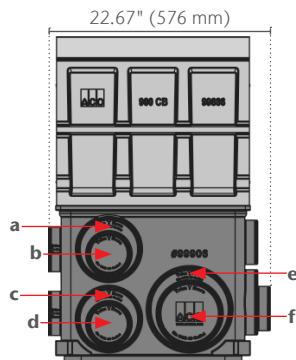
## K2-902 In-Line Catch Basin w/Plastic Base



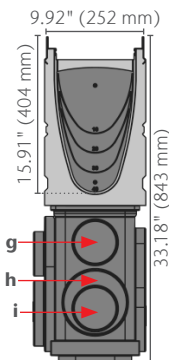
## K2-902 (K200)

part no. 94611

Side



Front

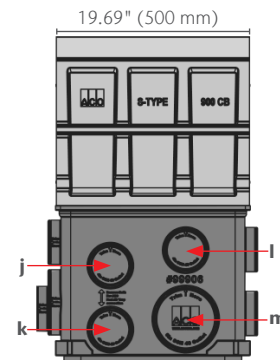


| Catch Basin Outlet | Size (SCH 40) | Invert in | GPM  | CFS  |
|--------------------|---------------|-----------|------|------|
| a                  | 6.00"         | 24.68     | 570  | 1.27 |
| b                  | 4.00"         | 24.13     | 256  | 0.57 |
| c                  | 6.00"         | 31.82     | 658  | 1.47 |
| d                  | 4.00"         | 31.26     | 294  | 0.66 |
| e                  | 8.00"         | 31.82     | 1149 | 2.56 |
| f                  | 6.00"         | 31.26     | 651  | 1.45 |
| g                  | 4.00"         | 23.19     | 251  | 0.56 |
| h                  | 6.00"         | 30.32     | 640  | 1.43 |
| i                  | 4.00"         | 29.90     | 288  | 0.64 |

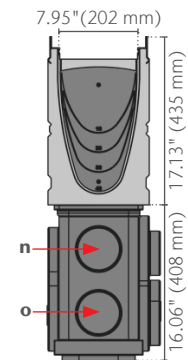
## K2-902 (KS200)

part no. 94612

Side



Front



| Catch Basin Outlet | Size (SCH 40) | Invert in | GPM | CFS  |
|--------------------|---------------|-----------|-----|------|
| j                  | 4.00"         | 25.33     | 263 | 0.59 |
| k                  | 4.00"         | 31.83     | 297 | 0.66 |
| l                  | 4.00"         | 23.76     | 254 | 0.57 |
| m                  | 6.00"         | 31.83     | 658 | 1.47 |
| n                  | 4.00"         | 23.91     | 255 | 0.57 |
| o                  | 4.00"         | 30.40     | 290 | 0.65 |

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.

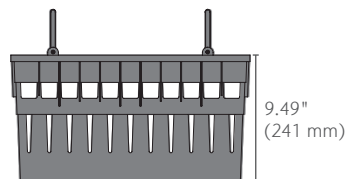
## Trash Bucket

included with K2-902

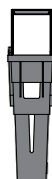
Top



Side

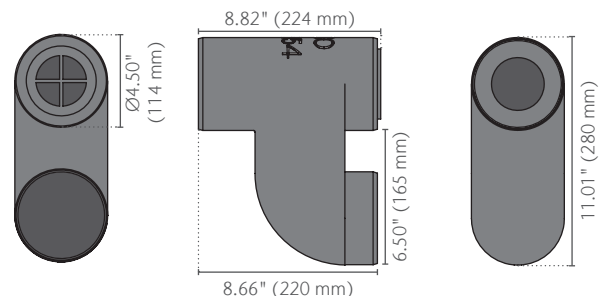


Front



## Foul Air Trap (optional)

part no. 90854



## K2-902 In-Line Catch Basin w/Plastic Base



| Product Name                                       | Part No.     | Volume*<br>gal | Weight<br>lbs |
|----------------------------------------------------|--------------|----------------|---------------|
| K2-902 In-Line Catch Basin w/ Plastic Base (K200)  | <b>94611</b> | 18.1           | 68.0          |
| K2-902 In-Line Catch Basin w/ Plastic Base (KS200) | <b>94612</b> | 18.1           | 68.0          |
| Foul Air Trap                                      | <b>90854</b> | -              | 1.2           |

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

## Specification Summary

## General

The catch basin shall be ACO Drain K2-902 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 K200 DrainLok grates or K200 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 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 7.95" (202 mm) wide by 19.69" (500 mm) long. Overall width of 9.92" (252 mm) by 22.67" (576 mm) long. Type K2-902 catch basin assembly has overall depth of 33.18" (843 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.

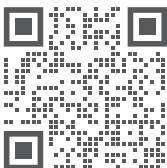


EN1433 Load Class E  
134,885 lbs – 2,785 psi

## ACO, Inc.

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