

KlassikDrain - KS200 Stainless steel edge rail channel system

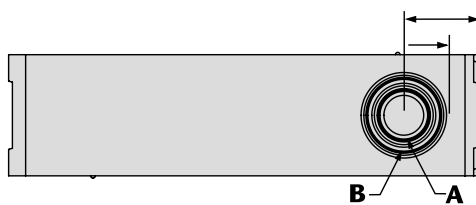
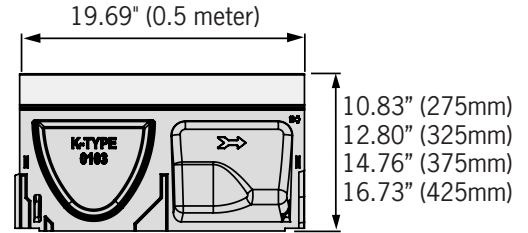
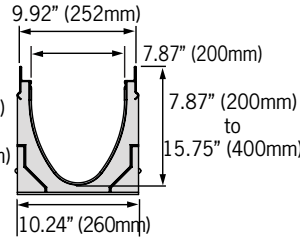
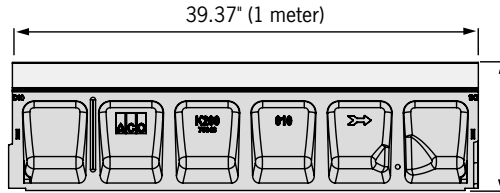
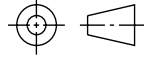
One meter channel



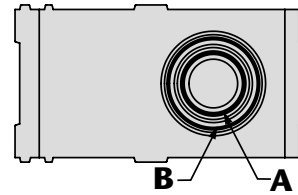
Inside view of channel - showing channel ID number and knockout if applicable (every 5th channel)



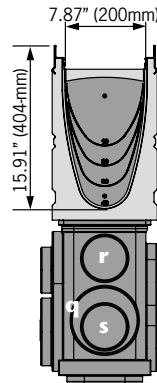
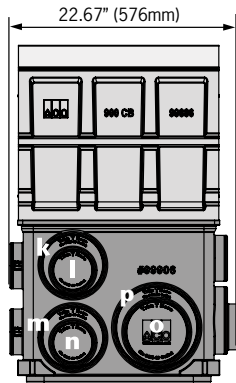
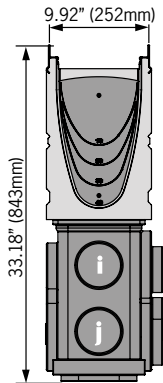
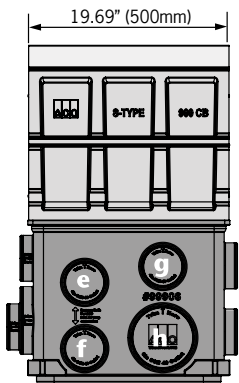
Half meter channel



Knock-outs included on every 5th channel



Type 902G In-line catch basin



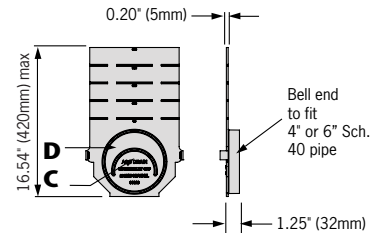
Total capacity = 19 gallons

Outlet flow rates

| Outlet | Product | Outlet size (Sch. 40) | Invert Depth | GPM | CFS |
|--------|-------------------------|-----------------------|--------------|------|------|
| A | Bottom outlet - KS2-00 | 4" round | 7.87" | 153 | 0.34 |
| A | Bottom outlet - KS2-040 | 4" round | 15.75" | 216 | 0.48 |
| B | Bottom outlet -KS2-00 | 6" round | 7.87" | 344 | 0.77 |
| B | Bottom outlet - KS2-040 | 6" round | 15.75" | 486 | 1.08 |
| C | End outlet - KS2-00 | 4" round | 7.87" | 132 | 0.29 |
| C | End outlet - KS2-40 | 4" round | 15.75" | 202 | 0.45 |
| D | End outlet - KS2-10 | 6" round | 9.84" | 320 | 0.71 |
| D | End outlet - KS2-40 | 6" round | 15.75" | 437 | 0.97 |
| E | Type KS2-902S | 4" round | 25.33" | 263 | 0.59 |
| F | Type KS2-902S | 4" round | 31.83" | 297 | 0.66 |
| G | Type KS2-902S | 4" round | 23.76" | 254 | 0.57 |
| H | Type KS2-902S | 6" round | 31.83" | 658 | 1.47 |
| I | Type KS2-902S | 4" round | 23.91" | 255 | 0.57 |
| J | Type KS2-902S | 4" round | 30.40" | 290 | 0.65 |
| K | Type KS2-902S | 6" round | 24.68" | 570 | 1.27 |
| L | Type KS2-902S | 4" round | 24.13" | 256 | 0.57 |
| M | Type KS2-902S | 6" round | 31.82" | 658 | 1.47 |
| N | Type KS2-902S | 4" round | 31.26" | 294 | 0.66 |
| O | Type KS2-902S | 6" round | 31.26" | 651 | 1.45 |
| P | Type KS2-902S | 8" round | 31.82" | 1149 | 2.56 |
| Q | Type KS2-902S | 6" round | 30.32" | 640 | 1.43 |
| R | Type KS2-902S | 4" round | 23.19" | 251 | 0.56 |
| S | Type KS2-902S | 4" round | 29.90" | 288 | 0.64 |

Note: These are the pipe flow rates at the specified outlet, NOT channel flow rates.* Catch basin flow rates are without trash bucket - using trash bucket reduces flow.

End Cap



KlassikDrain - KS200 Stainless steel edge rail channel system



ACO Specification Information

| Description | Part No. | Invert | | Weight Lbs. |
|--|--------------|---------------------|-----------------|--------------|
| | | Inches ² | mm ² | |
| K2-00 Neutral channel - 39.37" (1m)^D | 75441 | 7.87 | 200 | 83.6 |
| K2-1 Sloped channel - 39.37" (1m) | 75401 | 8.07 | 205 | 83.6 |
| K2-2 Sloped channel - 39.37" (1m) | 75402 | 8.27 | 210 | 84.7 |
| K2-3 Sloped channel - 39.37" (1m) | 75403 | 8.46 | 215 | 85.8 |
| K2-4 Sloped channel - 39.37" (1m) | 75404 | 8.66 | 220 | 86.9 |
| K2-5 Sloped channel - 39.37" (1m) ^D | 75405 | 8.86 | 225 | 88.0 |
| K2-6 Sloped channel - 39.37" (1m) | 75406 | 9.06 | 230 | 89.1 |
| K2-7 Sloped channel - 39.37" (1m) | 75407 | 9.25 | 235 | 90.2 |
| K2-8 Sloped channel - 39.37" (1m) | 75408 | 9.45 | 240 | 91.3 |
| K2-9 Sloped channel - 39.37" (1m) | 75409 | 9.65 | 245 | 92.4 |
| K2-10 Sloped channel - 39.37" (1m) ^D | 75410 | 9.84 | 250 | 93.5 |
| K2-010 Neutral channel - 39.37" (1m)^D | 75443 | 9.84 | 250 | 93.5 |
| K2-0103 Neutral channel - 19.69" (0.5m)^D | 75444 | 9.84 | 250 | 56.0 |
| K2-11 Sloped channel - 39.37" (1m) | 75411 | 10.04 | 255 | 94.6 |
| K2-12 Sloped channel - 39.37" (1m) | 75412 | 10.24 | 260 | 95.7 |
| K2-13 Sloped channel - 39.37" (1m) | 75413 | 10.43 | 265 | 96.8 |
| K2-14 Sloped channel - 39.37" (1m) | 75414 | 10.63 | 270 | 97.9 |
| K2-15 Sloped channel - 39.37" (1m) ^D | 75415 | 10.83 | 275 | 99.0 |
| K2-16 Sloped channel - 39.37" (1m) | 75416 | 11.02 | 280 | 100.1 |
| K2-17 Sloped channel - 39.37" (1m) | 75417 | 11.22 | 285 | 101.2 |
| K2-18 Sloped channel - 39.37" (1m) | 75418 | 11.41 | 290 | 102.3 |
| K2-19 Sloped channel - 39.37" (1m) | 75419 | 11.61 | 295 | 103.4 |
| K2-20 Sloped channel - 39.37" (1m) ^D | 75420 | 11.81 | 300 | 104.5 |
| K2-020 Neutral channel - 39.37" (1m)^D | 75445 | 11.81 | 300 | 104.5 |
| K2-0203 Neutral channel - 19.69" (0.5m)^D | 75446 | 11.81 | 300 | 64.0 |
| K2-21 Sloped channel - 39.37" (1m) | 75421 | 12.01 | 305 | 105.6 |
| K2-22 Sloped channel - 39.37" (1m) | 75422 | 12.20 | 310 | 106.7 |
| K2-23 Sloped channel - 39.37" (1m) | 75423 | 12.40 | 315 | 107.8 |
| K2-24 Sloped channel - 39.37" (1m) | 75424 | 12.60 | 320 | 108.9 |
| K2-25 Sloped channel - 39.37" (1m) ^D | 75425 | 12.80 | 325 | 110.0 |
| K2-26 Sloped channel - 39.37" (1m) | 75426 | 12.99 | 330 | 111.1 |
| K2-27 Sloped channel - 39.37" (1m) | 75427 | 13.19 | 335 | 112.2 |

| Description | Part No. | Invert | | Weight Lbs. |
|--|--------------|---------------------|-----------------|--------------|
| | | Inches ² | mm ² | |
| K2-28 Sloped channel - 39.37" (1m) | 75428 | 13.39 | 340 | 113.3 |
| K2-29 Sloped channel - 39.37" (1m) | 75429 | 13.58 | 345 | 114.4 |
| K2-30 Sloped channel - 39.37" (1m) ^D | 75430 | 13.78 | 350 | 115.5 |
| K2-030 Neutral channel - 39.37" (1m)^D | 75447 | 13.78 | 350 | 115.5 |
| K2-0303 Neutral channel - 19.69" (0.5m)^D | 75448 | 13.78 | 350 | 68.0 |
| K2-31 Sloped channel - 39.37" (1m) | 75431 | 13.98 | 355 | 116.6 |
| K2-32 Sloped channel - 39.37" (1m) | 75432 | 14.17 | 360 | 117.7 |
| K2-33 Sloped channel - 39.37" (1m) | 75433 | 14.37 | 365 | 118.8 |
| K2-34 Sloped channel - 39.37" (1m) | 75434 | 14.57 | 370 | 119.9 |
| K2-35 Sloped channel - 39.37" (1m) ^D | 75435 | 14.76 | 375 | 121.0 |
| K2-36 Sloped channel - 39.37" (1m) | 75436 | 14.96 | 380 | 122.1 |
| K2-37 Sloped channel - 39.37" (1m) | 75437 | 15.16 | 385 | 123.2 |
| K2-38 Sloped channel - 39.37" (1m) | 75438 | 15.35 | 390 | 124.3 |
| K2-39 Sloped channel - 39.37" (1m) | 75439 | 15.55 | 395 | 125.4 |
| K2-40 Sloped channel - 39.37" (1m) ^D | 75440 | 15.75 | 400 | 126.5 |
| K2-040 Neutral channel - 39.37" (1m)^D | 75449 | 15.75 | 400 | 126.5 |
| K2-0403 Neutral channel - 19.69" (0.5m)^D | 75450 | 15.75 | 400 | 77.0 |
| K2-901S In-line catch basin - 19.69" (0.5m) ^D | 94612 | 32.81 | 833.3 | 68.0 |
| K2-621S catch basin - 19.69" (0.5m) ^D | 94621 | 37.33 | 948.1 | 91.0 |
| K2-631S catch basin - 19.69" (0.5m) ^D | 94634 | 49.33 | 1252.9 | 101.0 |
| K2-Series 600 Optional plastic riser | 99902 | - | - | 10.0 |
| Foul air trap - fits both 900 & 600 series basins | 90854 | - | - | 1.2 |
| Universal end cap | 96821 | 15.71 | 399 | 1.4 |
| Debris strainer for 8" bottom knockout | 93488 | - | - | 0.2 |
| K2-Installation device | 97478 | - | - | 2.8 |
| Grate removal tool | 01318 | - | - | 0.3 |
| K2-QuickLok locking bar | 10457 | - | - | 0.5 |

Notes:

1. This channel offers a bottom knockout feature; 4" & 6" round
2. Inverts shown are for the male end; for female invert depth subtract 5mm (=0.2") from the male invert (except for neutral channels, where it will be same as male invert). To calculate the overall channel depth add 25mm (=1.0") to invert depth.
3. This catch basin kit includes a polymer concrete top, removable Quicklok locking bar, trash bucket and plastic base. Select an appropriate grate.
4. This catch basin kit includes a polymer concrete top, removable Quicklok locking bar, deep trash bucket, plastic riser and plastic base. Select an appropriate grate.

| Specifications | | Water absorption | 0.07% | cast in by the manufacturer to ensure maximum homogeneity between polymer concrete body and edge rail. Each edge rail shall be at least 3/32" (2.5mm) thick. |
|--|------------|--|-------|--|
| General The surface drainage system shall be ACO Drain KS200 complete with gratings secured with 'QuickLok' locking as manufactured by ACO Polymer Products, Inc. or approved equal. | | Frost proof | YES | |
| Materials The trench system bodies shall be manufactured from polyester polymer concrete with the 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 8" (200mm) with overall width of 10.24" (260mm). Pre-cast units shall be manufactured with either an invert slope of 0.5% or with neutral invert and have a wall thickness of at least 0.50" (13mm). Each unit will feature a partial radius in the trench bottom and a male to female interconnecting end profile. Units shall have horizontal cast in anchoring keys on the outside wall to ensure maximum mechanical bond to the surrounding bedding material and pavement surface. The stainless steel edge rail will be integrally | | Installation The trench drain system shall be installed in accordance with the manufacturer's installation instructions and recommendations. |

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