



Description	Part No.	Invert Inches <sup>2</sup>	mm <sup>2</sup>	Wgt Lbs.	Description	Part No.	Invert Inches <sup>2</sup>	mm <sup>2</sup>	Wgt Lbs.
<b>K2-00 Neutral channel - 39.37" (1m)<sup>D</sup></b>	<b>75041</b>	<b>7.87</b>	<b>200</b>	<b>83.6</b>	K2-28 Sloped channel - 39.37" (1m)	<b>75028</b>	13.39	340	113.3
K2-1 Sloped channel - 39.37" (1m)	<b>75001</b>	8.07	205	83.6	K2-29 Sloped channel - 39.37" (1m)	<b>75029</b>	13.58	345	114.4
K2-2 Sloped channel - 39.37" (1m)	<b>75002</b>	8.27	210	84.7	K2-30 Sloped channel - 39.37" (1m) <sup>D</sup>	<b>75030</b>	13.78	350	115.5
K2-3 Sloped channel - 39.37" (1m)	<b>75003</b>	8.46	215	85.8	<b>K2-030 Neutral channel - 39.37" (1m)<sup>D</sup></b>	<b>75047</b>	<b>13.78</b>	<b>350</b>	<b>115.5</b>
K2-4 Sloped channel - 39.37" (1m)	<b>75004</b>	8.66	220	86.9	<b>K2-0303 Neutral channel - 19.69" (0.5m)<sup>D</sup></b>	<b>75048</b>	<b>13.78</b>	<b>350</b>	<b>68.0</b>
K2-5 Sloped channel - 39.37" (1m) <sup>D</sup>	<b>75005</b>	8.86	225	88.0	K2-31 Sloped channel - 39.37" (1m)	<b>75031</b>	13.98	355	116.6
K2-6 Sloped channel - 39.37" (1m)	<b>75006</b>	9.06	230	89.1	K2-32 Sloped channel - 39.37" (1m)	<b>75032</b>	14.17	360	117.7
K2-7 Sloped channel - 39.37" (1m)	<b>75007</b>	9.25	235	90.2	K2-33 Sloped channel - 39.37" (1m)	<b>75033</b>	14.37	365	118.8
K2-8 Sloped channel - 39.37" (1m)	<b>75008</b>	9.45	240	91.3	K2-34 Sloped channel - 39.37" (1m)	<b>75034</b>	14.57	370	119.9
K2-9 Sloped channel - 39.37" (1m)	<b>75009</b>	9.65	245	92.4	K2-35 Sloped channel - 39.37" (1m) <sup>D</sup>	<b>75035</b>	14.76	375	121.0
K2-10 Sloped channel - 39.37" (1m) <sup>D</sup>	<b>75010</b>	9.84	250	93.5	K2-36 Sloped channel - 39.37" (1m)	<b>75036</b>	14.96	380	122.1
<b>K2-010 Neutral channel - 39.37" (1m)<sup>D</sup></b>	<b>75043</b>	<b>9.84</b>	<b>250</b>	<b>93.5</b>	K2-37 Sloped channel - 39.37" (1m)	<b>75037</b>	15.16	385	123.2
<b>K2-0103 Neutral channel - 19.69" (0.5m)<sup>D</sup></b>	<b>75044</b>	<b>9.84</b>	<b>250</b>	<b>56.0</b>	K2-38 Sloped channel - 39.37" (1m)	<b>75038</b>	15.35	390	124.3
K2-11 Sloped channel - 39.37" (1m)	<b>75011</b>	10.04	255	94.6	K2-39 Sloped channel - 39.37" (1m)	<b>75039</b>	15.55	395	125.4
K2-12 Sloped channel - 39.37" (1m)	<b>75012</b>	10.24	260	95.7	K2-40 Sloped channel - 39.37" (1m) <sup>D</sup>	<b>75040</b>	15.75	400	126.5
K2-13 Sloped channel - 39.37" (1m)	<b>75013</b>	10.43	265	96.8	<b>K2-040 Neutral channel - 39.37" (1m)<sup>D</sup></b>	<b>75049</b>	<b>15.75</b>	<b>400</b>	<b>126.5</b>
K2-14 Sloped channel - 39.37" (1m)	<b>75014</b>	10.63	270	97.9	<b>K2-0403 Neutral channel - 19.69" (0.5m)<sup>D</sup></b>	<b>75050</b>	<b>15.75</b>	<b>400</b>	<b>77.0</b>
K2-15 Sloped channel - 39.37" (1m) <sup>D</sup>	<b>75015</b>	10.83	275	99.0	K2-901G In-line catch basin - 19.69" (0.5m) <sup>D</sup>	<b>94611</b>	32.81	833.3	68.0
K2-16 Sloped channel - 39.37" (1m)	<b>75016</b>	11.02	280	100.1	K2-621G catch basin - 19.69" (0.5m) <sup>D</sup>	<b>94620</b>	37.33	948.1	91.0
K2-17 Sloped channel - 39.37" (1m)	<b>75017</b>	11.22	285	101.2	K2-631G catch basin - 19.69" (0.5m) <sup>D</sup>	<b>94633</b>	49.33	1252.9	101.0
K2-18 Sloped channel - 39.37" (1m)	<b>75018</b>	11.41	290	102.3	K2-Series 600 Optional plastic riser	<b>99902</b>	-	-	10.0
K2-19 Sloped channel - 39.37" (1m)	<b>75019</b>	11.61	295	103.4	Foul air trap - fits both 900 & 600 series basins	<b>90854</b>	-	-	1.2
K2-20 Sloped channel - 39.37" (1m) <sup>D</sup>	<b>75020</b>	11.81	300	104.5	Universal end cap	<b>96821</b>	15.71	399	1.4
<b>K2-020 Neutral channel - 39.37" (1m)<sup>D</sup></b>	<b>75045</b>	<b>11.81</b>	<b>300</b>	<b>104.5</b>	Debris strainer for 8" bottom knockout	<b>93488</b>	-	-	0.2
<b>K2-0203 Neutral channel - 19.69" (0.5m)<sup>D</sup></b>	<b>75046</b>	<b>11.81</b>	<b>300</b>	<b>64.0</b>	K2-Installation device	<b>97478</b>	-	-	2.8
K2-21 Sloped channel - 39.37" (1m)	<b>75021</b>	12.01	305	105.6	Grate removal tool	<b>01318</b>	-	-	0.3
K2-22 Sloped channel - 39.37" (1m)	<b>75022</b>	12.20	310	106.7	K2-QuickLok locking bar	<b>10457</b>	-	-	0.5
K2-23 Sloped channel - 39.37" (1m)	<b>75023</b>	12.40	315	107.8					
K2-24 Sloped channel - 39.37" (1m)	<b>75024</b>	12.60	320	108.9					
K2-25 Sloped channel - 39.37" (1m) <sup>D</sup>	<b>75025</b>	12.80	325	110.0					
K2-26 Sloped channel - 39.37" (1m)	<b>75026</b>	12.99	330	111.1					
K2-27 Sloped channel - 39.37" (1m)	<b>75027</b>	13.19	335	112.2					

**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.

<b>Specifications</b>		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.
<b>General</b> The surface drainage system shall be ACO Drain K200 complete with gratings secured with 'QuickLok' locking as manufactured by ACO Polymer Products, Inc. or approved equal.		Frost proof	YES	
		Salt proof	YES	
		Dilute acid and alkali resistant	YES	
<b>Materials</b> The trench system bodies shall be manufactured from polyester polymer concrete with the minimum properties as follows:  Compressive strength: 14,000 psi 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 galvanized steel edge rail will be integrally			<b>Grates</b> Grates shall be specified. See separate ACO Spec Info grate sheets for details. After removal of gratings and 'QuickLok' bar there shall be uninterrupted access to the trench to aid maintenance.  <b>Installation</b> The trench drain system shall be installed in accordance with the manufacturer's installation instructions and recommendations.

**ACO Polymer Products, Inc.****Northeast Sales Office**

9470 Pinecone Drive  
Mentor, OH 44060  
Tel: (440) 639-7230  
Toll free: (800) 543-4764  
Fax: (440) 639-7235

**West Sales Office**

825 W. Beechcraft St.  
Casa Grande, AZ 85122  
Tel: (520) 421-9988  
Toll Free: (888) 490-9552  
Fax: (520) 421-9899

**Southeast Sales Office**

4211 Pleasant Road  
Fort Mill, SC 29708  
Toll free: (800) 543-4764  
Fax: (803) 802-1063

**Follow us on****Electronic Contact:**

info@ACODrain.us  
www.ACODrain.us

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