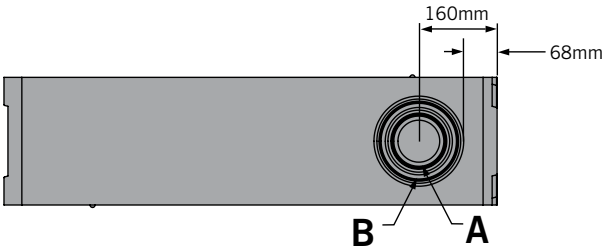
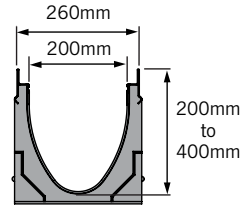
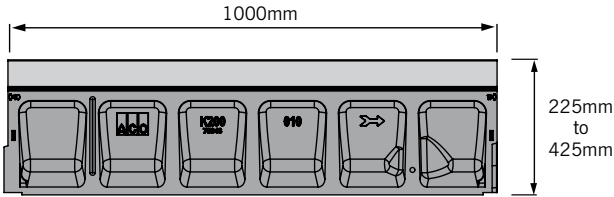
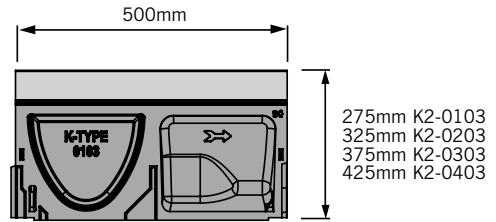




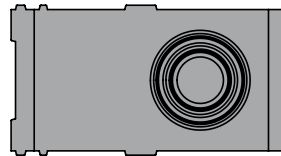
One metre channel



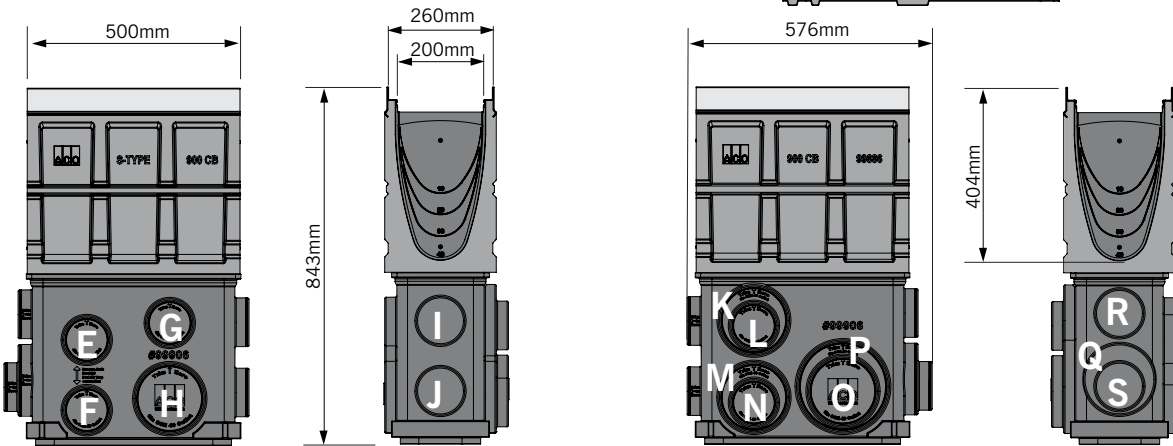
Half metre channel



Knock-outs included on every 5th channel



K2-902G In-line pit

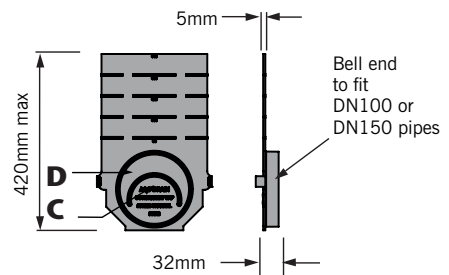


Total capacity = 72 litres

Outlet flow rates

Outlet	Product	Outlet size	Invert Depth (mm)	L/s
A	Bottom outlet - K2-00	100mm round	200	10.1
A	Bottom outlet - K2-040	100mm round	400	14.3
B	Bottom outlet - K2-00	150mm round	200	22.8
B	Bottom outlet - K2-040	150mm round	400	32.2
C	End outlet - K2-00	100mm round	200	7.2
C	End outlet - K2-040	100mm round	400	12.4
D	End outlet - K2-010	150mm round	250	16.1
D	End outlet - K2-040	150mm round	400	25.4
E	K2-902G	100mm round	643	16.7
F	K2-902G	100mm round	808	19.0
G	K2-902G	100mm round	604	16.1
H	K2-902G	150mm round	808	41.3
I	K2-902G	100mm round	607	16.1
J	K2-902G	100mm round	772	18.5
K	K2-902G	150mm round	627	35.1
L	K2-902G	100mm round	613	16.2
M	K2-902G	150mm round	808	41.3
N	K2-902G	100mm round	794	18.8
O	K2-902G	150mm round	794	40.8
P	K2-902G	200mm round	808	70.5
Q	K2-902G	150mm round	770	40.1
R	K2-902G	100mm round	589	15.8
S	K2-902G	100mm round	759	18.4

End Cap



Note: These are the pipe flow rates at the specified outlet, NOT channel flow rates. In-line pit flow rates are without rubbish basket - using rubbish basket reduces flow.





Description	Part No.	Invert ² (mm)	Weight (kg)
K2-00 Neutral channel - (1m)¹	145041	200	37.9
K2-1 Sloped channel - (1m)	145001	205	37.9
K2-2 Sloped channel - (1m)	145002	210	38.4
K2-3 Sloped channel - (1m)	145003	215	38.9
K2-4 Sloped channel - (1m)	145004	220	39.4
K2-5 Sloped channel - (1m) ¹	145005	225	39.9
K2-6 Sloped channel - (1m)	145006	230	40.4
K2-7 Sloped channel - (1m)	145007	235	40.9
K2-8 Sloped channel - (1m)	145008	240	41.4
K2-9 Sloped channel - (1m)	145009	245	41.9
K2-10 Sloped channel - (1m) ¹	145010	250	42.4
K2-010 Neutral channel - (1m)¹	145043	250	42.4
K2-0103 Neutral channel - (0.5m)¹	145044	250	25.4
K2-11 Sloped channel - (1m)	145011	255	42.9
K2-12 Sloped channel - (1m)	145012	260	43.4
K2-13 Sloped channel - (1m)	145013	265	43.9
K2-14 Sloped channel - (1m)	145014	270	44.4
K2-15 Sloped channel - (1m) ¹	145015	275	44.9
K2-16 Sloped channel - (1m)	145016	280	45.4
K2-17 Sloped channel - (1m)	145017	285	45.9
K2-18 Sloped channel - (1m)	145018	290	46.4
K2-19 Sloped channel - (1m)	145019	295	46.9
K2-20 Sloped channel - (1m) ¹	145020	300	47.4
K2-020 Neutral channel - (1m)¹	145045	300	47.4
K2-0203 Neutral channel - (0.5m)¹	145046	300	29.0
K2-21 Sloped channel - (1m)	145021	305	47.9
K2-22 Sloped channel - (1m)	145022	310	48.4
K2-23 Sloped channel - (1m)	145023	315	48.9
K2-24 Sloped channel - (1m)	145024	320	49.4
K2-25 Sloped channel - (1m) ¹	145025	325	49.9
K2-26 Sloped channel - (1m)	145026	330	50.4
K2-27 Sloped channel - (1m)	145027	335	50.9

Description	Part No.	Invert ² (mm)	Weight (kg)
K2-28 Sloped channel - (1m)	145028	340	51.4
K2-29 Sloped channel - (1m)	145029	345	51.9
K2-30 Sloped channel - (1m) ¹	145030	350	52.4
K2-030 Neutral channel - (1m)¹	145047	350	52.4
K2-0303 Neutral channel - (0.5m)¹	145048	350	30.8
K2-31 Sloped channel - (1m)	145031	355	52.9
K2-32 Sloped channel - (1m)	145032	360	53.4
K2-33 Sloped channel - (1m)	145033	365	53.9
K2-34 Sloped channel - (1m)	145034	370	54.4
K2-35 Sloped channel - (1m) ¹	145035	375	54.9
K2-36 Sloped channel - (1m)	145036	380	55.4
K2-37 Sloped channel - (1m)	145037	385	55.9
K2-38 Sloped channel - (1m)	145038	390	56.4
K2-39 Sloped channel - (1m)	145039	395	56.9
K2-40 Sloped channel - (1m) ¹	145040	400	57.4
K2-040 Neutral channel - (1m)¹	145049	400	57.4
K2-0403 Neutral channel - (0.5m)¹	145050	400	34.9
K2-902G In-line pit (0.5m) ³	141819	843 ⁴	30.8
Type 900 In-line plastic rubbish basket	13999	-	0.5
Universal end cap	96821	420 ⁴	0.6
Debris strainer for 100mm knockout	93488	-	0.1
Installation device	97478	-	1.8
Grate removal tool	01318	-	0.1
QuickLok bar	10457	-	0.1

Notes:

1. This channel offers bottom knockout feature; 100mm & 150mm round.
2. Inverts shown are male end, for female invert depths - subtract 5mm from male invert (except neutral channels where it will be the same as the male invert). To calculate overall channel depth add 25mm to invert depth.
3. In-line pit assembly (polymer concrete top with galvanised steel edge rail, plastic base & removable QuickLok Bar). Select appropriate QuickLok grate to suit.
4. Overall depth of in-line pit and end caps.

Specifications

General

The surface drainage system shall be ACO's KlassikDrain K200 polymer concrete V-profile channel system with galvanised steel edge rails as manufactured by ACO.

Materials

K200 channels shall be manufactured from polyester resin polymer concrete with integrally cast-in galvanised steel edge rails. Properties of polymer concrete will be as follows with supporting documentation:

Compressive Strength: 98 MPa

Flexural Strength: 26 MPa
 Tensile Strength: 14 MPa
 Water Absorption: 0.07%
 Frost Proof: YES
 Coefficient of Expansion/Contraction: 2.02x10⁻⁵/°C
 Water Vapour Transmission: 0.0364g/m²
 Non Flammable: YES
 Roughness (Mannings): n=0.011
 Resistant to Weathering: YES
 Dilute Acid and Alkali Resistant: YES
 SF Sealant Groove: YES

Channels

K200 channel shall be 200mm nominal internal width with an overall width of 260mm. Channel invert shall have a V-profile to allow efficient

drainage. K200 sloped channels shall have a built-in slope of 0.5%. All channels shall be interlocking with a male/female joint.

Grates

Insert specification for the selected grate. Refer to the relevant ACO Specification Information sheet, click: <http://www.acodrain.com.au/resources>

Installation

The complete drainage system shall be by ACO and to be installed for its intended purpose. Any deviation or partial use of the specified system and/or improper installation will void all warranties provided by ACO.

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