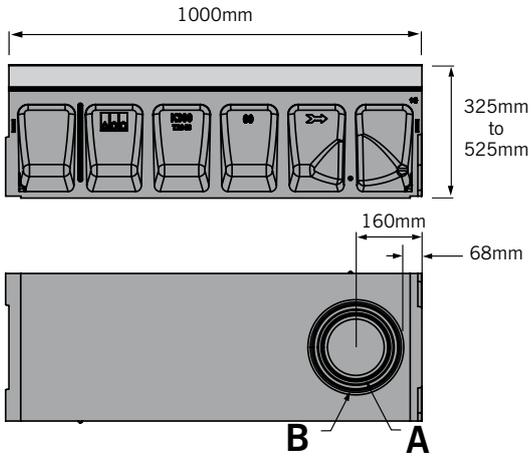
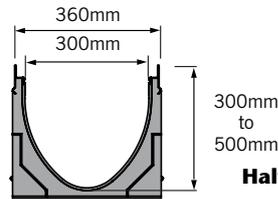




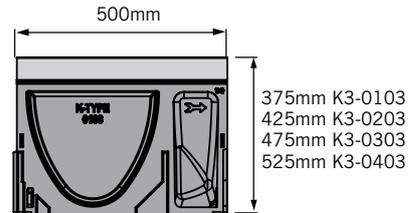
One metre channel



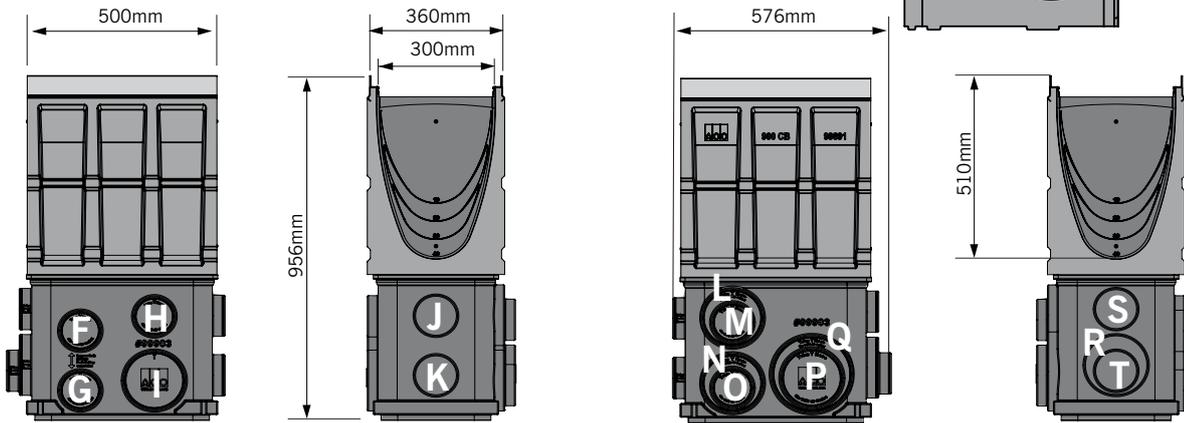
Knock-outs included on every 5th channel



Half metre channel



K3-903G In-line pit



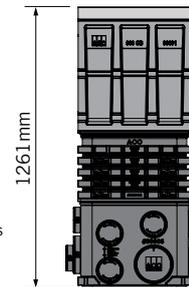
Total capacity = 120 litres

Outlet flow rates

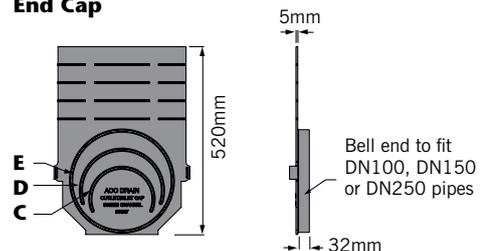
Outlet	Product	Outlet size	Invert Depth (mm)	L/s
A	Bottom outlet - K3-00	150mm round	300	27.9
A	Bottom outlet - K3-040	150mm round	500	36.0
B	Bottom outlet - K3-00	200mm round	300	49.5
B	Bottom outlet - K3-040	200mm round	500	64.0
C	End outlet - K3-00	150mm round	300	19.7
C	End outlet - K3-040	150mm round	500	30.1
D	End outlet - K3-010	200mm round	350	35.0
D	End outlet - K3-040	200mm round	500	49.5
E	End outlet - K3-020	250mm round	400	54.7
E	End outlet - K3-040	250mm round	500	70.7
F	K3-903G	100mm round	757	18.3
G	K3-903G	100mm round	922	20.5
H	K3-903G	100mm round	717	17.8
I	K3-903G	150mm round	922	44.7
J	K3-903G	100mm round	721	17.8
K	K3-903G	100mm round	886	20.0
L	K3-903G	150mm round	740	39.1
M	K3-903G	100mm round	726	17.9
N	K3-903G	150mm round	922	44.7
O	K3-903G	100mm round	907	20.3
P	K3-903G	150mm round	907	44.3
Q	K3-903G	200mm round	922	76.9
R	K3-903G	150mm round	883	43.6
S	K3-903G	100mm round	702	17.5
T	K3-903G	100mm round	873	19.9

K3-903G In-line pit with riser

- Notes:
- Riser can be cut down in 25mm increments.
 - Maximum capacity including riser 160 litres.
 - Add 300mm to all heights if using riser.
 - Outlet flow rates will be higher due to increased depth - contact ACO Sales Office for more details.



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)	Description	Part No.	Invert ² (mm)	Weight (kg)
K3-00 Neutral channel - (1m)¹	146041	300	60.1	K3-28 Sloped channel - (1m)	146028	440	74.9
K3-1 Sloped channel - (1m)	146001	305	60.1	K3-29 Sloped channel - (1m)	146029	445	75.4
K3-2 Sloped channel - (1m)	146002	310	60.7	K3-30 Sloped channel - (1m) ¹	146030	450	76.0
K3-3 Sloped channel - (1m)	146003	315	61.2	K3-030 Neutral channel - (1m)¹	146047	450	76.0
K3-4 Sloped channel - (1m)	146004	320	61.8	K3-0303 Neutral channel - (0.5m)¹	146048	450	40.6
K3-5 Sloped channel - (1m) ¹	146005	325	62.3	K3-31 Sloped channel - (1m)	146031	455	76.5
K3-6 Sloped channel - (1m)	146006	330	62.9	K3-32 Sloped channel - (1m)	146032	460	77.1
K3-7 Sloped channel - (1m)	146007	335	63.4	K3-33 Sloped channel - (1m)	146033	465	77.6
K3-8 Sloped channel - (1m)	146008	340	64.0	K3-34 Sloped channel - (1m)	146034	470	78.2
K3-9 Sloped channel - (1m)	146009	345	64.5	K3-35 Sloped channel - (1m) ¹	146035	475	78.7
K3-10 Sloped channel - (1m) ¹	146010	350	65.0	K3-36 Sloped channel - (1m)	146036	480	79.2
K3-010 Neutral channel - (1m)¹	146043	350	65.0	K3-37 Sloped channel - (1m)	146037	485	79.8
K3-0103 Neutral channel - (0.5m)¹	146044	350	34.2	K3-38 Sloped channel - (1m)	146038	490	80.3
K3-11 Sloped channel - (1m)	146011	355	65.6	K3-39 Sloped channel - (1m)	146039	495	80.9
K3-12 Sloped channel - (1m)	146012	360	66.1	K3-40 Sloped channel - (1m) ¹	146040	500	81.4
K3-13 Sloped channel - (1m)	146013	365	66.7	K3-040 Neutral channel - (1m)¹	146049	500	81.4
K3-14 Sloped channel - (1m)	146014	370	67.2	K3-0403 Neutral channel - (0.5m)¹	146050	500	44.3
K3-15 Sloped channel - (1m) ¹	146015	375	67.8	K3-903G In-line pit (0.5m) ³	141821	956 ⁴	39.9
K3-16 Sloped channel - (1m)	146016	380	68.3	Type 900 In-line plastic rubbish basket	98653	-	1.6
K3-17 Sloped channel - (1m)	146017	385	68.9	Optional plastic riser	141729	300	4.5
K3-18 Sloped channel - (1m)	146018	390	69.4	Plastic rubbish basket - long	98665	-	1.8
K3-19 Sloped channel - (1m)	146019	395	69.9	Universal end cap	96826	520 ⁴	1.1
K3-20 Sloped channel - (1m) ¹	146020	400	70.5	Installation device	97479	-	2.2
K3-020 Neutral channel - (1m)¹	146045	400	70.5	Grate removal tool	01318	-	0.1
K3-0203 Neutral channel - (0.5m)¹	146046	400	37.3	QuickLok bar	10458	-	0.1
K3-21 Sloped channel - (1m)	146021	405	71.1				
K3-22 Sloped channel - (1m)	146022	410	71.6				
K3-23 Sloped channel - (1m)	146023	415	72.2				
K3-24 Sloped channel - (1m)	146024	420	72.7				
K3-25 Sloped channel - (1m) ¹	146025	425	73.3				
K3-26 Sloped channel - (1m)	146026	430	73.8				
K3-27 Sloped channel - (1m)	146027	435	74.3				

Notes:

1. This channel offers bottom knockout feature 150mm & 200mm 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 K300 polymer concrete V-profile channel system with galvanised steel edge rails as manufactured by ACO.
Materials	K300 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/m ²
Non Flammable:	YES
Roughness (Mannings):	n=0.011
Resistant to Weathering:	YES
Dilute Acid and Alkali Resistant:	YES
SF Sealant Groove:	YES
Channels	K300 channel shall be 300mm nominal internal width with an overall width of 360mm. Channel invert shall have a V-profile to allow efficient drainage. K300 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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