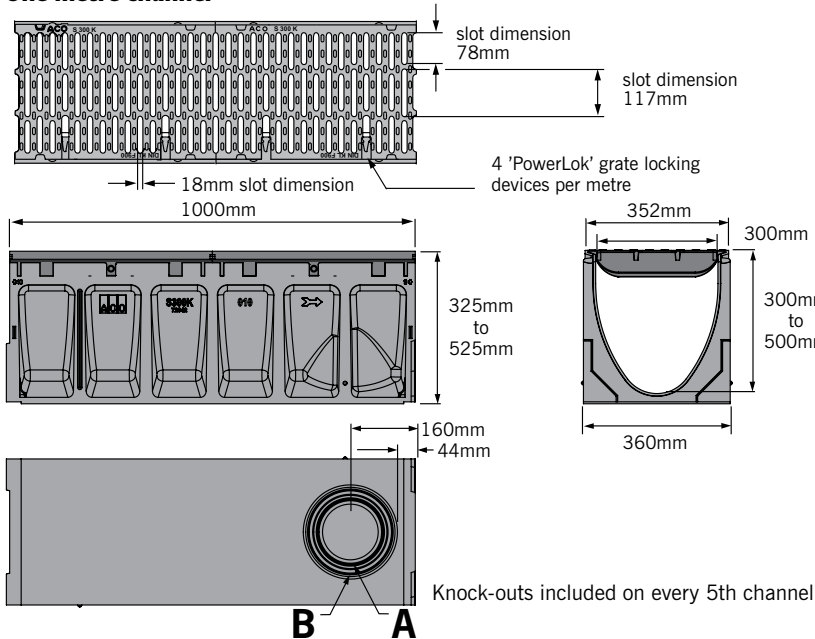


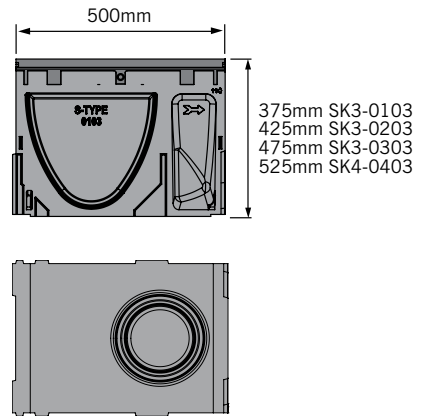
PowerDrain - S300K Iron edge rail channel system with slotted grate



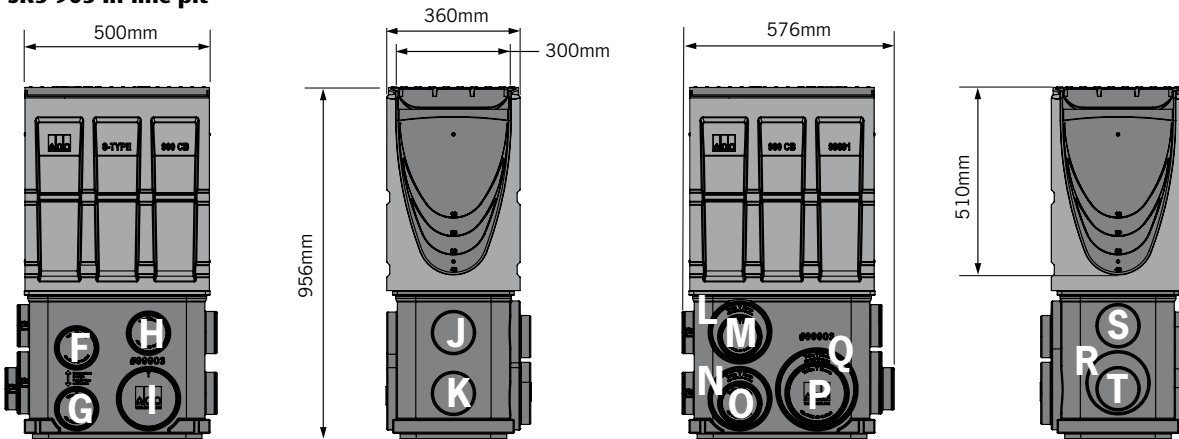
One metre channel



Half metre channel



SK3-903 In-line pit



Total capacity = 120 litres

Outlet flow rates

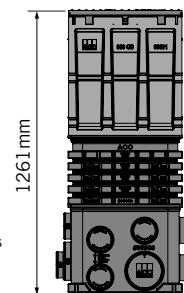
Outlet	Product	Outlet size	Invert Depth (mm)	L/s
A	Bottom outlet - SK3-00	150mm round	300	27.9
A	Bottom outlet - SK3-040	150mm round	500	36.0
B	Bottom outlet - SK3-00	200mm round	300	49.5
B	Bottom outlet - SK3-040	200mm round	500	64.0
C	End outlet - SK3-00	150mm round	300	19.7
C	End outlet - SK3-040	150mm round	500	30.1
D	End outlet - SK3-010	200mm round	350	35.0
D	End outlet - SK3-040	200mm round	500	49.5
E	End outlet - SK3-020	250mm round	400	54.7
E	End outlet - SK3-040	250mm round	500	70.7
F	SK3-903	100mm round	757	18.3
G	SK3-903	100mm round	922	20.5
H	SK3-903	100mm round	717	17.8
I	SK3-903	150mm round	922	44.7
J	SK3-903	100mm round	721	17.8
K	SK3-903	100mm round	886	20.0
L	SK3-903	150mm round	740	39.1
M	SK3-903	100mm round	726	17.9
N	SK3-903	150mm round	922	44.7
O	SK3-903	100mm round	907	20.3
P	SK3-903	150mm round	907	44.3
Q	SK3-903	200mm round	922	76.8
R	SK3-903	150mm round	883	43.6
S	SK3-903	100mm round	702	17.5
T	SK3-903	100mm round	873	19.9

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.

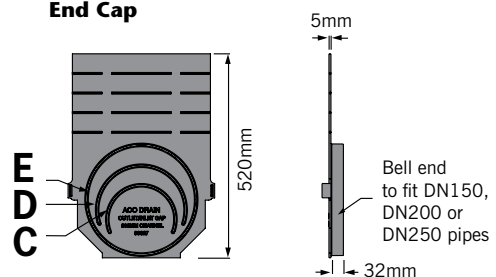
SK3-903 In-line pit with riser

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



ACO Specification Information



Description	Part No.	Invert ² (mm)	Weight (kg)	Description	Part No.	Invert ² (mm)	Weight (kg)
SK3-00 Neutral channel - (1m) ¹	150241	300	107.9	SK3-28 Sloped channel - (1m)	150228	440	122.9
SK3-1 Sloped channel - (1m)	150201	305	107.9	SK3-29 Sloped channel - (1m)	150229	445	123.5
SK3-2 Sloped channel - (1m)	150202	310	108.4	SK3-30 Sloped channel - (1m) ¹	150230	450	124.1
SK3-3 Sloped channel - (1m)	150203	315	109.0	SK3-030 Neutral channel - (1m)¹	150246	450	124.1
SK3-4 Sloped channel - (1m)	150204	320	109.5	SK3-0303 Neutral channel - (0.5m)¹	150249	450	66.2
SK3-5 Sloped channel - (1m) ¹	150205	325	110.1	SK3-31 Sloped channel - (1m)	150231	455	124.6
SK3-6 Sloped channel - (1m)	150206	330	110.7	SK3-32 Sloped channel - (1m)	150232	460	125.2
SK3-7 Sloped channel - (1m)	150207	335	111.2	SK3-33 Sloped channel - (1m)	150233	465	125.7
SK3-8 Sloped channel - (1m)	150208	340	111.8	SK3-34 Sloped channel - (1m)	150234	470	126.3
SK3-9 Sloped channel - (1m)	150209	345	112.3	SK3-35 Sloped channel - (1m) ¹	150235	475	126.9
SK3-10 Sloped channel - (1m) ¹	150210	350	112.9	SK3-36 Sloped channel - (1m)	150236	480	127.4
SK3-010 Neutral channel - (1m)¹	150242	350	112.9	SK3-37 Sloped channel - (1m)	150237	485	128.0
SK3-0103 Neutral channel - (0.5m)¹	150245	350	59.7	SK3-38 Sloped channel - (1m)	150238	490	128.5
SK3-11 Sloped channel - (1m)	150211	355	113.4	SK3-39 Sloped channel - (1m)	150239	495	129.1
SK3-12 Sloped channel - (1m)	150212	360	114.0	SK3-40 Sloped channel - (1m) ¹	150240	500	129.6
SK3-13 Sloped channel - (1m)	150213	365	114.6	SK3-040 Neutral channel - (1m)¹	150248	500	129.6
SK3-14 Sloped channel - (1m)	150214	370	115.1	SK3-0403 Neutral channel - (0.5m)¹	150250	500	69.9
SK3-15 Sloped channel - (1m) ¹	150215	375	115.7	SK3-903 In-line pit (0.5m) ³	141783	956 ⁴	68.7
SK3-16 Sloped channel - (1m)	150216	380	116.2	Type 900 In-line plastic rubbish basket	98653	-	1.6
SK3-17 Sloped channel - (1m)	150217	385	116.8	Optional plastic riser	141729	300	4.5
SK3-18 Sloped channel - (1m)	150218	390	117.3	Plastic rubbish basket - long	98665	-	1.8
SK3-19 Sloped channel - (1m)	150219	395	117.9	Universal end cap	96827	520 ⁴	1.1
SK3-20 Sloped channel - (1m) ¹	150220	400	118.5	Installation device	97479	-	2.2
SK3-020 Neutral channel - (1m)¹	150244	400	118.5	Grate removal tool	01318	-	0.1
SK3-0203 Neutral channel - (0.5m)¹	150247	400	62.9	PowerLok safety clip	10443	-	-
SK3-21 Sloped channel - (1m)	150221	405	119.0				
SK3-22 Sloped channel - (1m)	150222	410	119.6				
SK3-23 Sloped channel - (1m)	150223	415	120.2				
SK3-24 Sloped channel - (1m)	150224	420	120.7				
SK3-25 Sloped channel - (1m) ¹	150225	425	121.2				
SK3-26 Sloped channel - (1m)	150226	430	121.8				
SK3-27 Sloped channel - (1m)	150227	435	122.4				

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 ductile iron edge rail, PowerLok grate & plastic base).
4. Overall depth of in-line pit and end cap.
5. Channel and grate assembly come complete.

Specifications	
General	The surface drainage system shall be ACO's PowerDrain S300K polymer concrete V-profile channel system with ductile iron edge rails as manufactured by ACO.
Materials	S300K channel shall be manufactured from polyester resin polymer concrete with integrally cast-in ductile iron 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	S300K channel shall be 300mm nominal internal width with an overall width of 360mm. Channel invert shall have a V-profile to allow efficient drainage. S300K 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 PowerDrain S300K Iron Slotted 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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