

Catch Basin Assemblies & Part Details

Polymer concrete catch basins can be used as standalone area drains or as the outlet to a trench run. They provide the highest hydraulic output and allow access to the pipe system for maintenance.

Series 900 catch basins are **in-line catch basins** (same width and visually indistinguishable from the trench run) while Series 600 catch basins are 12" wide, providing greater hydraulic output.

CATCH BASIN LOAD STRENGTH

Catch basins with plastic risers/bases should be used in load classes A–D. For heavy duty applications, ACO recommends using polymer concrete risers and catch basins for load class E/F applications.

K100/KS100 Catch Basin Parts	Part No.		Volume*	Weight
	K100	KS100	gal	lbs
K1-901 In-Line Catch Basin w/ Plastic Base	94608	94609	12.3	52.6
K1-906 In-Line Catch Basin w/ Polymer Concrete Base	97934	97935	11.1	113.4
K1-621 Catch Basin w/ Plastic Base	94617	94618	24.9	55.8
K1-622 Catch Basin w/ Polymer Concrete Base	97915	97916	25.1	137.5
K1-631 Catch Basin w/ Plastic Riser & Base	94631	94632	34.7	65.8
K1-632 Catch Basin w/ Polymer Concrete Riser & Base	97925	97926	34.0	183.0
Series 600 Plastic Riser	99902		9.8	10.0
Series 611 Polymer Concrete Riser	91110		8.9	45.0
Foul Air Trap (fits all plastic basins)	90854		-	1.2

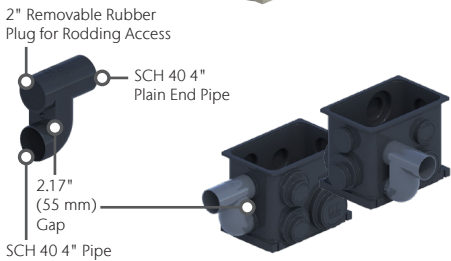
*Volume is up to grate seat and without trash bucket.

BLANKING END PLATES

Blanking plates are supplied with catch basin tops to stop concrete ingress at end of drain run. The plate is fitted by pushing it over the polymer concrete end bar to fit flush with side rails.

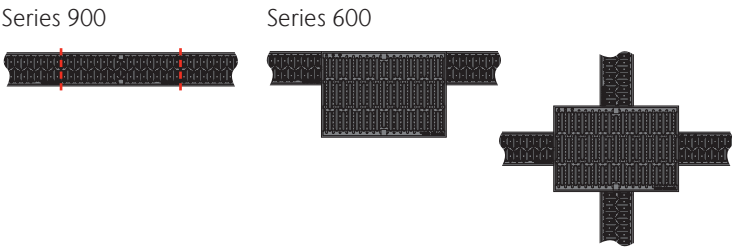
FOUL AIR TRAP

A plastic foul air trap that fits into the front or side of plastic in-line catch basins. A coupler is required to connect SCH 40 4" plain end pipe to underground pipe system.

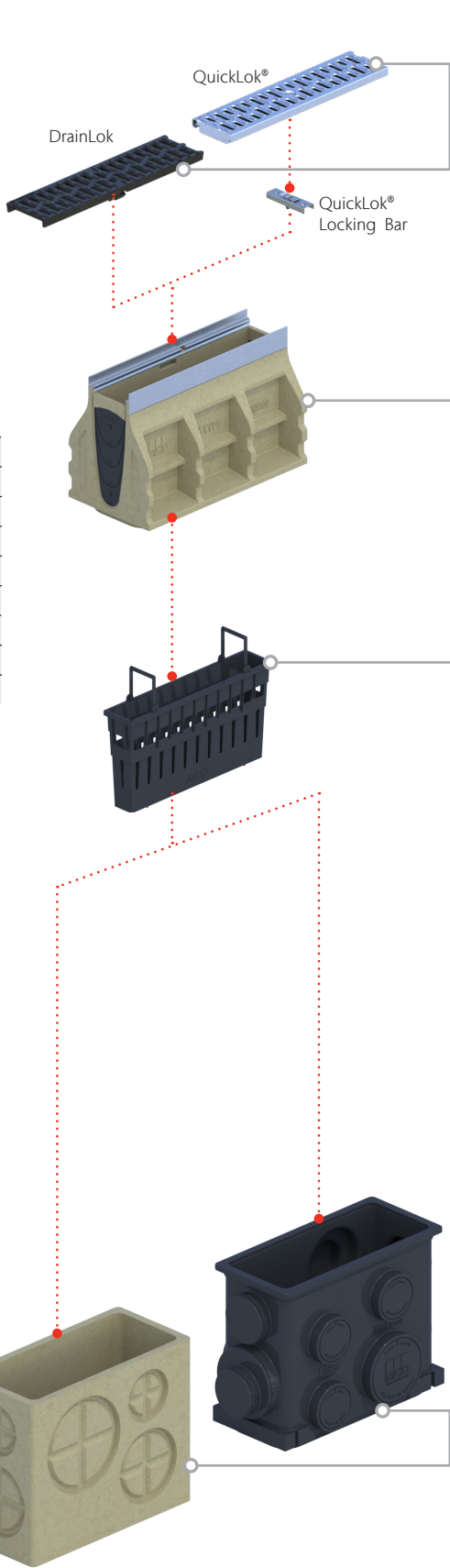


CATCH BASIN CHANNEL CONNECTION

Channels can be connected to catch basin on all four sides in a variety of configurations.



K1 SERIES 900 4" WIDE
IN-LINE CATCH BASINS



Series 600 Grates - choice of grates to match/complement channel with DrainLok or QuickLok® boltless locking. See page 77–78. All catch basin assemblies will include one QuickLok® Locking Bar.

Series 900 Grates - choice of grates to match channel grates with DrainLok or QuickLok® boltless locking. See page 35–38. QuickLok® grates are often paired with removable QuickLok® locking bars for easy access to trash bucket and pipework. One is included in each catch basin assembly.

Top Section - polymer concrete with integrally cast-in galvanized or stainless steel frame. Guides aid connection of male channel ends at #10, 20, 30 and 40 depths. Other channels can be connected by removing wall to required height. Blanking kit supplied with in-line catch basins.

Trash Bucket - plastic trash bucket designed to collect debris washed from trench run. Supported in catch basin top to avoid creation of a vacuum and reduction in outflow. K1-631 and K1-632 use a deeper bucket with riser.

Riser - a plastic or polymer concrete riser supplied with K1-631 and K1-632, designed to provide additional catch basin depth and hydraulic output. Guides on the plastic version enable cutting to size at 2" (50 mm) intervals - minimum 2" and maximum 12" height. Additional units can be used (a maximum of 2 is recommended to ensure snake access is maintained and for structural stability). *Multiple risers can be used with series 600 catch basins.*



Base - Plastic or polymer concrete bases available. Plastic bases have a wide range of SCH 40 4", 6" and 8" cut-outs for easy pipe connection. Cut-outs on end and side allow connection of ACO foul air trap. Polymer concrete bases have drill-outs cast on the sides for pipe connections.

K1 SERIES 600 12" WIDE
CATCH BASINS

