

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.

S100K Catch Basin Parts

	Part No.	Volume* gal	Weight lbs
SK1-901D In-Line Catch Basin w/ Plastic Base	67051	12.5	86.0
SK1-906D In-Line Catch Basin w/ Polymer Concrete Base	97939	11.8	131.3
SK1-621D Catch Basin w/ Plastic Base	67053	24.9	75.7
SK1-622D Catch Basin w/ Polymer Concrete Base	97921	25.9	185.5
SK1-631D Catch Basin w/ Plastic Riser & Base	67054	34.7	85.7
SK1-632D Catch Basin w/ Polymer Concrete Riser & Base	97931	25.9	231.0
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

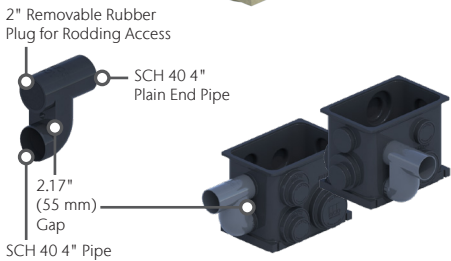
\*Volume is up to grate seat and without trash bucket.

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.

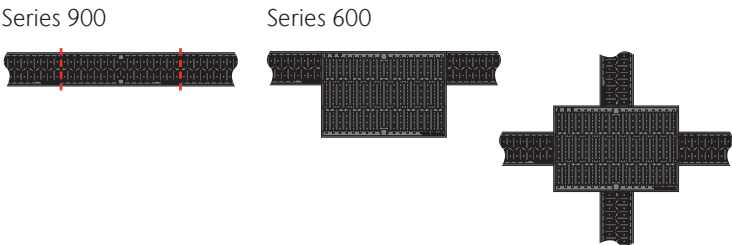
FOUL AIR TRAP

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.

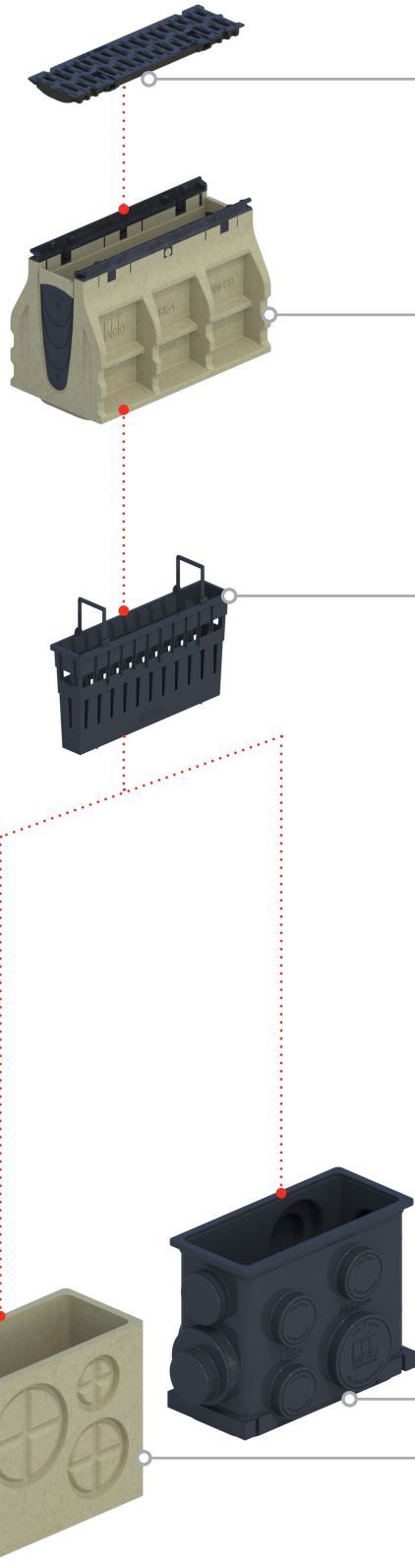


CATCH BASIN CHANNEL CONNECTION

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



SK1 SERIES 900 4" WIDE  
IN-LINE CATCH BASIN



**Series 600 Grates** - choice of Class F slotted or Class E longitudinal ADA compliant ductile iron grates with PowerLok boltless locking or Class F slotted ductile iron 4-Bolt grate. See pages 127–128.

**Type 900 Grates** - choice of Class F slotted or ADA compliant ductile iron grates with PowerLok boltless locking or slotted ductile iron 4-Bolt grate. See pages 99–100.

**Top Section** - polymer concrete with integrally cast-in ductile iron 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 Series 900 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. SK1-631D and SK1-632D use a deeper bucket with riser.

**Riser** - a plastic or polymer concrete riser, supplied with SK1-631D and SK1-632D, 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 base available. Plastic bases with 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 sides for pipe connections.

SK1 SERIES 600 12" WIDE CATCH BASIN

