

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).

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.

S300K Catch Basin Parts

	Part No.	Volume* gal	Weight lbs
SK3-903D In-Line Catch Basin w/ Plastic Base	69053	30.4	99.4
SK3-907D In-Line Catch Basin w/ Polymer Concrete Base	97924	32.8	158.4
SK3-904D In-Line Catch Basin w/ Plastic Riser & Base	69054	40.2	104.4
SK3-908D In-Line Catch Basin w/ Polymer Concrete Riser & Base	97933	41.7	203.4
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.

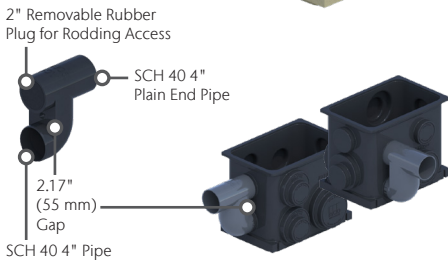
BLANKING END PLATES

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.



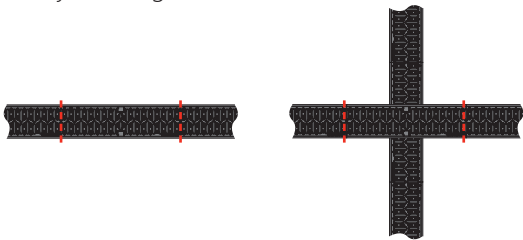
FOUL AIR TRAP

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.



Series 900 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.

Top Section - polymer concrete with integrally cast-in ductile iron frame for grate. 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 kits supplied with all basin assemblies.

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 flow reduction. SK3-904D and SK3-908D use a deep bucket with riser.

Riser - a plastic or polymer concrete riser, supplied with SK3-904D and SK3-908D, 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.*



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.

SK3 SERIES 900D 12" WIDE IN-LINE CATCH BASIN (WITH RISER)

