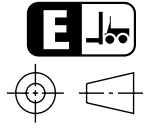
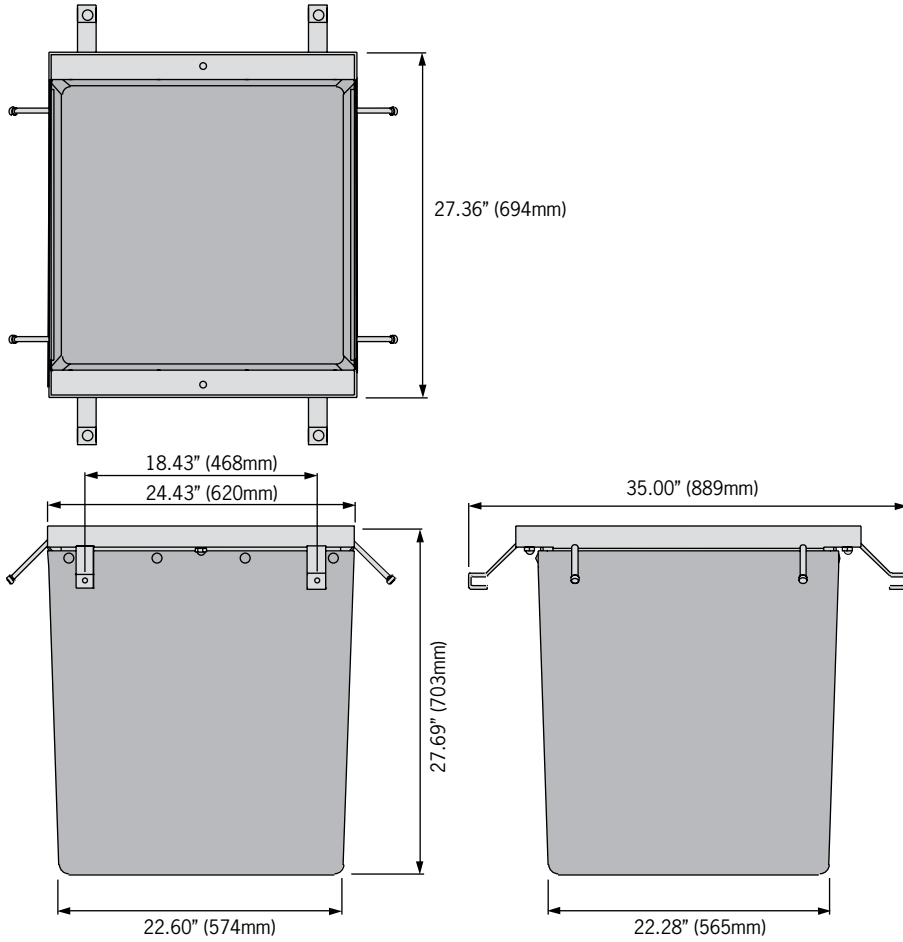
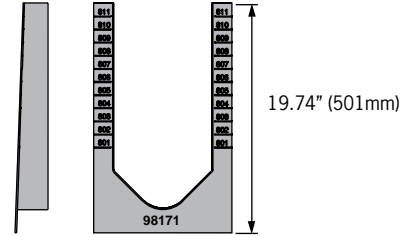


F880 catch basin with black coated frame

Catch basin

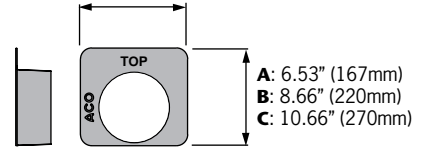


FG200 Channel collar



Pipe adapter

- A: 7.31" (187mm)
- B: 9.40" (239mm)
- C: 11.40" (289mm)



- A: 4" Pipe plain end adapter
- B: 6" Pipe plain end adapter
- C: 8" Pipe plain end adapter

Outlet flow rates

Outlet	Product	Outlet size (Sch. 40)	Invert Depth	GPM	CFS
97425	F880*	4" round	27.5 max	275	0.61
97438	F880*	6" round	27.5 max	606	1.35
97444	F880*	8" round	27.5 max	1055	2.35

Note: These are the pipe flow rates at the specified outlet, **NOT** channel flow rates.
 *Catch basin flow rates are without trash bucket - using trash bucket reduces flow.
 Total capacity = 55.00 gallons
 F880 fits FG200 trench system

ACO Specification Information

ACO DRAIN

F880 catch basin with black coated frame



ACO Specification Information

Description	Part No.	Overall Depth		Weight lbs.
		inches	mm	
F880 Catch basin body [Ⓞ]	98075	27.7	703	22.0
F880 Black coated steel frame	98021	3.13	79	23.2
F880 Plastic trash bucket	98059	6.75	172	8.4
Accessories				
4" pipe plain end adapter	97425	6.53	167	0.4
6" pipe plain end adapter	97438	8.66	220	0.6
8" pipe plain end adapter	97444	10.66	270	0.9
FG200 Channel/catch basin collar	98171	19.74	501	1.1

Notes:

1. Invert and overall depths are for the channel body & frame assembled
2. If foul air trap required, place contact ACO
3. For invert depth subtract 0.125" (3mm)
4. F880 catch basin fits FG200 trench system

Specifications

General

The catch basin shall be ACO Drain F880 catch basin, complete with black coated frame and bolted gratings as manufactured by ACO, Inc. or equal approved.

Materials

The unit bodies shall be manufactured from fiberglass, with minimum properties as follows:

Compressive strength: 24,400 psi
Flexural strength: 9,943 psi
Water absorption 0.33%
Frost proof
Salt proof
Dilute acid and alkali resistant

The nominal clear opening shall be 23.17" (588mm) wide by 23.56" (598mm) long. Overall width of 27.36" (694mm) wide by 24.43" (620mm) long.

Units shall be manufactured with a wall thickness of at least 0.125" (3mm)

The fiberglass catch basin body shall be fixed to the frame using push fit nylon studs.

Frames shall be manufactured from black coated steel and shall incorporate anchoring features to ensure maximum mechanical bond to the surrounding bedding material and pavement surface. Frames shall incorporate installation brackets to ensure correct and easy installation. Frames shall be at least 3/16" (5mm) thick.

Grates

Grates should be specified. See separate ACO Spec Info grate sheets for details.

Installation

The catch basin shall be installed in accordance with the manufacturer's installation instructions and recommendations.

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April 2018

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