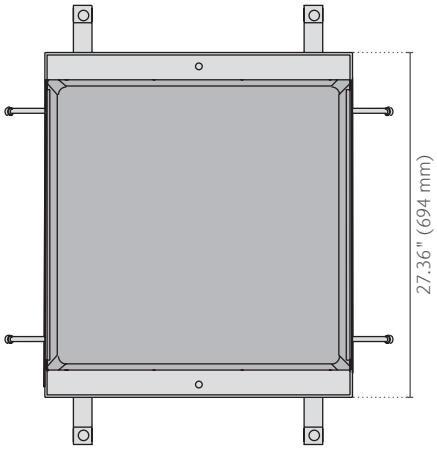
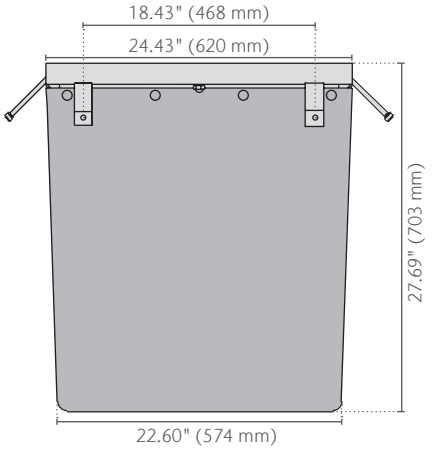
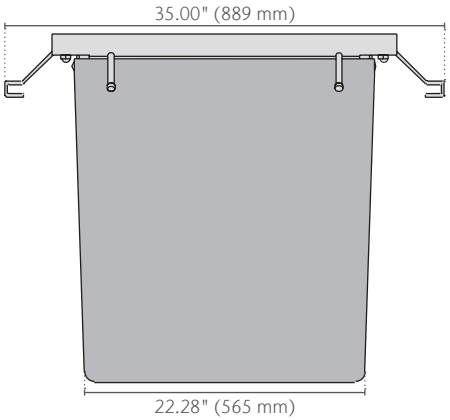
# F880 Catch Basin With Galvanized Steel Frame

## Catch Basin

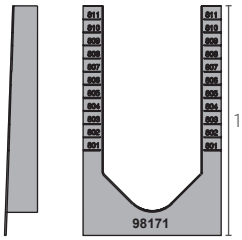


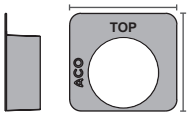

## FG200 Channel/Catch Basin Collar

*part no. 98171*




## Pipe Adapter

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




A. 4" Pipe Plain End Adapter
B. 6" Pipe Plain End Adapter
C. 8" Pipe Plain End Adapter

| Outlet* | Part No. | Outlet Size (Sch. 40) | Invert Depth | GPM | CFS |
|---|---|---|---|---|---|
| A | 97425 | 4" Round | 26.5 max | 269 | 0.60 |
| B | 97438 | 6" Round | 26.5 max | 594 | 1.32 |
| C | 97444 | 8" Round | 26.5 max | 1032 | 2.30 |

*Notes:*
**Catch basin flow rates are without trash bucket - using trash bucket reduces flow.*

*These are the pipe flow rates at the specified outlet, NOT channel flow rates.*
*Total capacity = 27.00 gallons*
*F880 fits FG200 trench system*

# F880 Catch Basin With Galvanized Steel Frame

| Product Name | Part No. | Invert Depth in (mm) | Weight lbs |
|---|---|---|---|
| F880 Catch Basin Body | **98075** | 27.70 (703)[1] | 22.0 |
| F880 Galvanized Steel Frame | **98034** | 3.13 (79) | 24.2 |
| 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. F880 Catch Basin Body invert depth is for the channel body & frame assembled. For invert depth subtract 0.125" (3 mm).*

*If foul air trap required, please contact ACO.*
*F880 catch basin fits FG200 trench system.*

## Specification Summary

### General

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

### Grates

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

### Installation

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

### 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" (588 mm) wide by 23.56" (598 mm) long. Overall width of 27.36" (694 mm) wide by 24.43" (620 mm) long. Units shall be manufactured with a wall thickness of at least 0.125" (3 mm)

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

Frames shall be manufactured from galvanized 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" (5 mm) thick.

EN1433 Load Class E
134,885 lbs – 2,785 psi

**ACO, Inc.**

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All reasonable care has been taken in compiling the information in this document. All recommendations and suggestions on the use of ACO products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to ensure that each product is fit for its intended purpose and that the actual conditions of use are suitable. ACO, Inc. reserves the right to change products and specifications without notice.

info@acousa.com
www.acousa.com