Outlet flow rates

<table>
<thead>
<tr>
<th>Outlet</th>
<th>Product</th>
<th>Outlet size (Sch. 40)</th>
<th>Invert Depth</th>
<th>GPM</th>
<th>CFS</th>
</tr>
</thead>
<tbody>
<tr>
<td>97425</td>
<td>F880*</td>
<td>4&quot; round</td>
<td>27.5 max</td>
<td>275</td>
<td>0.61</td>
</tr>
<tr>
<td>97438</td>
<td>F880*</td>
<td>6&quot; round</td>
<td>27.5 max</td>
<td>606</td>
<td>1.35</td>
</tr>
<tr>
<td>97444</td>
<td>F880*</td>
<td>8&quot; round</td>
<td>27.5 max</td>
<td>1055</td>
<td>2.35</td>
</tr>
</tbody>
</table>

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
Specifications

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 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 Grade 304 stainless 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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Overall Depth</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>F880 Catch basin body</td>
<td>98075</td>
<td>27.7</td>
<td>22.0</td>
</tr>
<tr>
<td>F880 Galvanized steel frame</td>
<td>98034</td>
<td>3.13</td>
<td>24.2</td>
</tr>
<tr>
<td>F880 Plastic trash bucket</td>
<td>98059</td>
<td>6.75</td>
<td>8.4</td>
</tr>
</tbody>
</table>

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

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F880 catch basin with galvanized steel frame