No. 5106-3-T-3-332P
5,630 lbs.

Suitable for use in off-street locations where not subjected to high density traffic

No. 5106-B-CPS
15,345 lbs.

- Base 13,700 lbs.
- Baffle Wall 800 lbs.
- Weir Wall 845 lbs.
- Total 15,345 lbs.

Notes:
- 5106–2–CPS is available set up for future installation of coalescing media and designated as 5106–CPS–R.
- Customer is responsible for supplying crane to set and assemble vault.

Note: Designed for 0 to 5'–0" of Cover

Oldcastle Precast
PO Box 323, Wilsonville, Oregon 97070-0323
Tel: (503) 682-2844  Fax: (503) 682-2657
oldcastleprecast.com/wilsonville

5106-2-CPS
OIL / WATER SEPARATOR
COALESCING - 280 GPM

File Name: 020-5106CPS2
Issue Date: 2018

5106-2-CPS
5106-2-CPS
5106-2-CPS

Projected Coalescing Plate Area = 1,184 Sq.Ft.
*Design Flow Rate = 280 GPM
Maximum Process Flow = 754 GPM

**PLAN VIEW**

- 2 Tone Lift Anchor (1 Each Corner)
- Coalescing Media
- Oil Retaining Bottle
- 8" PVC Outlet Pipe w/Sampling Tee
- Butyl Resin Sealant
- (4) - 2-Ton Lift Anchors
- No. 3-332P Galvanized Diamond Plate Doors w/Locking Latch
- Sediment Weir
- Hold-Down for Coalescing Media
- 8" PVC Inlet Pipe w/Tee
- Risers Available

**SECTION AA**

<table>
<thead>
<tr>
<th>*DESIGN FLOW RATE</th>
<th>EFFLUENT QUALITY</th>
<th>100% COLLECTED SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>280 GPM</td>
<td>10 ppm</td>
<td>60 Micron</td>
</tr>
</tbody>
</table>

Notes:
- Static Water Depth = 4'-0".
- Prior to "Startup" of system, fill with clear water to bottom of outlet pipe. For best results, fill to flow line.
- Follow Regular Inspection, Cleaning, & Maintenance Schedule (See Clean Out & Maintenance).

**Basic Design Information:**
- Influent Characteristics
  - Oil Specific Gravity = 0.88
  - Operating Temperature = 50°
  - Influent Oil Concentration = 100 ppm
  - Mean Oil Droplet Size = 130 Microns
  - .033 ft/min. Critical Oil Droplet Predicted Rise Rate


Oldcastle Precast
PO Box 323, Wilsonville, Oregon 97070-0323
Tel: (503) 682-2844 Fax: (503) 682-2857
oldcastleprecast.com/wilsonville

5106-2-CPS
OIL / WATER SEPARATOR
COALESCING - 280 GPM