ECOLOGIX E-815 - System Specifications

1. SHIPPING WT: 11,000 lbs (approx)
2. OPERATING WT: 79,000 lbs (approx)
3. DESIGN PARAMETERS:
   - DAF Design Flow Rate: 1155 gpm / 39,600 BPD
   - Loading Rate: 0.64 gpm/ sq. ft. of projected area
   - Maximum TSS @ Designed Flow Rate: 1440 mg/l
   - Projected Surface Area: 1804 sq. ft.
4. MATERIAL OF CONSTRUCTION:
   - All wetted metal materials to be SS 316
   - All non-wetted metal materials to be SS 304
   - All flanges: ANSI 150# ANSI flanges ASTM A-182 - ANSI B16.5
   - All metal piping to be Sch 10 - pipe SS 316
   - All non-metal piping materials to be PVC Sch80
   - All Structure to be Rectangular Tubing 3" x 2" x 11 ga SS 304
   - All anchor material to be 1/2" SS 304
   - Flight Material of Construction: SS 316/ Buna or EPDM Scraping Rubber
   - Tube Settlers Material of Construction: Polypropylene
5. SAFETY AND HEALTH:
   - All moving parts are inacessible, as required by OSHA
   - All electric power elements are in accordance with OSHA regulations
6. COATING:
   - All stainless steel parts are sandblasted
   - Mezzanine Platform to be carbon steel painted Grill Black with Safety Yellow Handrails and Alternating Tread Stairs
7. WELDING:
   - All welds to conform to AWS applicable specification(s)
   - Welding equipment/ supplies for sheet metal and structural elements: Wirefed MIG machine or TIG where applicable
   - Welding equipment/ supplies for piping and fittings: TIG or MIG
8. EQUIPMENT INFORMATION: See table

For additional information, please visit www.ecologixsystems.com

**Equipment**

<table>
<thead>
<tr>
<th>Brand</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whitewater Pump</td>
<td>40 hp</td>
</tr>
<tr>
<td>Sludge Pump</td>
<td>3 hp</td>
</tr>
<tr>
<td>Scraper Motor</td>
<td>1/2 hp</td>
</tr>
</tbody>
</table>

**Note:**
To convert to ITS-1100,
- Influent Pump: TBD
- Effluent Pump: TBD

**E-815**
DAF System Specifications