ECOLOGIX E-505 DAF System Specifications:

1. SHIPPING WT = 5800 lbs
2. OPERATING WT =20100 lbs
3. DESIGN PARAMETERS:
   - DAF Design Flow Rate: 232 gpm
   - Loading Rate: 0.64 gpm/ sq. ft. of projected aerea
   - Maximum TSS @ Designed Flow Rate: 1440 mg/ l
   - Projected Surface Area: 362 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 to be 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 / HDPE SDR7
   - All Structure Beams 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/ EPDM or VITON Scraping Rubber
   - Tube Settlers Material of Construction: Polypropylene
5. SAFETY AND HEALTH:
   - All moving parts are inaccessible, 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 Grit Black with Safety Yellow Handrails and Alternating Tread Stairs
8. WELDING:
   - All welds to conform to AWS applicable specification(s)
   - Welding equipment/ supplies for sheet metal and structural elements: Wire fed MIG machine or TIG where applicable
   - Welding equipment/ supplies for piping and fittings: TIG or MIG
9. EQUIPMENT INFORMATION:
   - Scraper Motor: SEW 1/2 hp
   - Whitewater Pump: Franklin 10 hp
   - Sludge Pump: Boerger 2 hp

For additional information, please visit www.EcologixSystems.com