ECOLOGIX E-405 System Specifications:

1. SHIPPING WT: 3600 lbs (approx.)
2. OPERATING WT: 9800 lbs (approx.)
3. DESIGN PARAMETERS:
   - DAF Design Flow Rate: 130 gpm / 4457 BPD
   - Loading Rate: 0.64 gpm/x sq. ft. of projected area
   - Maximum TSS @ Designed Flow Rate: 1440 mg/l
   - Projected Surface Area: 202 sq. ft.
4. MATERIAL OF CONSTRUCTION:
   - All wetted metal materials to be SS 304
   - 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 304
   - All non-metal piping materials to be PVC Sch80
   - All Structure Beams to be Rectangular Tubing 3" x 2" x 11 ga SS 304
   - Flight Material of Construction: SS 304/ Buna or EPDM Rubber
   - Tube Settlers Material of Construction: Polypropylene
5. SAFETY AND HEALTH:
   - All moving parts are inaccessible, as required by OSHA
   - All electrical power elements are in accordance with OSHA regulations
6. COATING:
   - All stainless steel parts are sandblasted
   - All A-36 ASTM Carbon Steel parts to be power coated with Performance Polymer Coating Plastcoat PPA 571 ES
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

Equipment Brand Power
Scrap Motor SEW 1/2 hp
WhiteWater Pump MTH 7.5 hp
Sludge Pump Boerger 2 hp

Note: Influent & Effluent Pump : TBD

For additional information, visit www.ecologixsystems.com