ECOLOGIX 1000 Gal REACTION TANK

1. SHIPPING WT: 5,000 lbs (approx)
2. OPERATING WT: 15,000 lbs (approx)
3. DESIGN PARAMETERS:
   - Design Flow Rate: up to 232 GPM
   - Chamber 1: Coagulation Mixing Chamber: 533 Gallons
   - Chamber 2: Fast Flocculation Mixing Chamber: 75 Gallons
   - Chamber 3: Slow Flocculation Mixing Chamber: 500 Gallons
4. MATERIALS OF CONSTRUCTION:
   - All non-metal piping materials to be PVC Sch80
   - All metal piping to be Sch 40 - Pipe ASTM 304 SS
   - All wetted metal materials to be ASTM 304 SS
   - All Structural Material to be ASTM A36CS
   - All moving parts are inaccessible, as required by OSHA
   - Influent & Effluent piping materials to be PVC Sch 80
   - All flanges: ANSI 150# ANSI flanges ASTM A-182 - ANSI B16.5
   - All non-wetted metal materials to be ASTM 304 SS
   - Chamber 3: Slow Flocculation Mixing Chamber: 500 Gallons
   - Chamber 2: Fast Flocculation Mixing Chamber: 75 Gallons
   - Chamber 1: Coagulation Mixing Chamber: 533 Gallons
   - Design Flow Rate: up to 232 GPM
5. SAFETY AND HEALTH:
   - All moving parts are inaccessible, as required by OSHA
6. COATING:
   - All stainless steel parts are sandblasted
   - Mezzanine Platform to be carbon steel painted Grit Black
   - All stainless steel parts are sandblasted
   - Skid to be carbon steel painted John Deere Green
7. WELDING:
   - All welds to conform to AWS applicable specification(s)
   - Welding equipment: for sheet metal and structural elements: Wirefed MIG machine or TIG
   - Welding equipment: for piping and fittings: TIG or MIG
8. EQUIPMENT INFORMATION: See table

Equipment Brand Power
Chemical Feed Pump 1 NA NA
Chemical Feed Pump 2 NA NA
Chemical Feed Pump 3 NA NA
Polymer Make Down Unit Prominent 2 hp
Mixer 1 Brawn or equivalent 1/2 hp
Mixer 2 Brawn or equivalent 1/2 hp
Mixer 3 Brawn or equivalent 1/2 hp

For additional information, please visit www.ecologixsystems.com