ECOLOGIX 1900 Gal REACTION TANK

1. SHIPPING WT: 4,800 lbs (approx)
2. OPERATING WT: 20,000 lbs (approx)
3. DESIGN PARAMETERS:
   - Design Flow Rate: up to 450 GPM
   - Chamber 1: Coagulation Mixing Chamber: 950 Gallons
   - Chamber 2: Fast Flocculation Mixing Chamber: 160 Gallons
   - Chamber 3: Slow Flocculation Mixing Chamber: 790 Gallons
4. MATERIALS OF CONSTRUCTION:
   - All Skid Material to be ASTM A36 CS
   - All wetted metal materials to be SS 316
   - All non-wetted metal materials to be SS 304
   - All flanges: ANSI 150# ANSI flanges AS1M A-1-02 - ANSI B16.5
   - All metal piping to be Sch 40 - Pipe SS 316
   - All non-metal piping materials to be PVC Sch80
   - Influent & Effluent piping materials to be PVC Sch 80
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
   - Safety Yellow Handrails and Alternating Tread Stairs
   - Skid to be carbon steel painted John Deere Green
7. WELDING:
   - All welds to conform to AWS applicable specification(s)
   - Welding equipment/ supplies for sheet metal and structural elements: Welding MIG machine or TIG
   - Welding equipment/ supplies for piping and fittings: TIG or MIG
8. EQUIPMENT INFORMATION: See table

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**Equipment** | **Brand** | **Power**
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Chemical Feed Pump 1 | Grundfos | 1/3 hp
Chemical Feed Pump 2 | Grundfos | 1/3 hp
Chemical Feed Pump 3 | Grundfos | 1/3 hp
Polymer Make Down Unit | Prominent | 2 hp
Mixer 1 | Brawon | 2 hp
Mixer 2 | Brawon | 1/2 hp
Mixer 3 | Brawon | 2 hp

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Notes:
1. Coagulation Pump not shown (will be placed next to Peristatic Pump)
2. Mixers are for illustrative purpose only. Actual dimensions may vary.

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For additional information, please visit www.ecologixsystems.com

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