ECOLOGIX 5200 Gal REACTION TANK

1. SHIPPING WT: 14,000 lbs (approx)
2. OPERATING WT: 58,000 lbs (approx)
3. DESIGN PARAMETERS:
   - Design Flow Rate: 1924 gpm / 65,966 BPD
   - Chamber 1: Coagulation Mixing Chamber: 2600 Gallons
   - Chamber 2: Fast Flocculation Mixing Chamber: 200 Gallons
   - Chamber 3: Slow Flocculation Mixing Chamber: 2400 Gallons
4. MATERIALS OF CONSTRUCTION:
   - All Skid Material to be ASTM A36CS
   - 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 40 - Pipe SS 316
   - All non-metal piping materials to be PVC Sch80 / HDPE
   - All Gaskets to be: Viton
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 with 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: Wired MIG machine or TIG
   - Welding equipment/ supplies for piping and fittings: TIG or MIG
8. EQUIPMENT INFORMATION:

**Equipment** | **Brand** | **Power**
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Chemical Feed Pump 1 | Grundfos | N/A
Chemical Feed Pump 2 | Grundfos | N/A
Chemical Feed Pump 3 | Grundfos | N/A
Peristaltic Pump | Abaque | 3/4 hp
Mixer 1 | Brawn | 5 hp
Mixer 2 | Brawn | 3 hp
Mixer 3 | Brawn | 1/3 hp

For additional information, please visit www.ecologixsystems.com

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

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