**Features:**
- Peristaltic pump design does not have valves that can clog requiring maintenance.
- Self priming - even against maximum line pressure. By-pass valves are not required. Cannot vapor lock or lose prime.
- Outputs to 5.17 GPH (19.56 LPH).
- Output pressures to 100 PSI (6.9 bar).
- Output volume is not effected by changes in back pressure.
- Patented pump tube design installs easily and stays centered on the rollers without manual adjustment.
- Two pump tubes supplied with each pump. No extra tubing required.
- Easy to use dial knob output control.
- 20:1 turndown ratio.
- Adjustable 5 second repeating interval timer. 0.25 - 5.0 second adjustable on time per 5 second cycle.
- Built-in Tube Failure Detection system (TFD). Senses chemical in the pump head, shuts off the pump and activates an NPN open collector output.
- Compatible with Blue-White’s output flow verification sensor system.
- Durable housing of chemical resistant Valox (PBT) thermoplastic.

**Specifications:**
- **Max. working pressure:** 100 psig (6.9 bar)
- **Max. fluid temperature:** 130°F (54°C)
- **Max. ambient temperature:** 14° to 110° F / -10° to 43° C
- **Output adjustment range:** 5-100%
- **Duty cycle:** Continuous
- **Maximum viscosity:** 5,000 Centipoise
- **Maximum suction lift:** 30 ft. Water 0 psig
- **Maximum Solids:** 50% by volume
- **Enclosure:** NEMA 3R, (IP23)
- **Approximate shipping wt.:** 10 lb. (4.5 kg)

**Voltage (max amp):** 115VAC/60Hz, 14 & 30 rpm = 1.37 amp
- 45 & 60 rpm = 1.87 amp
- 230VAC/60Hz, 14 & 30 rpm = 0.64 amp
- 45 & 60 rpm = 0.74 amp
- 220VAC/50Hz, 14 & 30 rpm = 0.68 amp
- 45 & 60 rpm = 1.14 amp
- 240VAC/50Hz, 14 & 30 rpm = 0.66 amp
- 45 & 60 rpm = 1.04 amp

**Power Cord Plug Type:** 115V/60Hz = NEMA 5/15 (USA)
- 230V/60Hz = NEMA 6/15 (USA)
- 220V/50Hz = CEE 7/7 (EUROPE)
- 240V/50Hz = CEE 7/7 (EUROPE)

**Materials of Construction:**
- **Wetted components:**
  - **Pump Tube Assembly:** Flex-A-Prene®, Flex-A-Thane® or FKM tubing
  - **PVDF tube assembly connection fittings**
  - **Suction Tubing:** Clear PVC
  - **Suction Strainer:** Natural Polypropylene
  - **Discharge Tubing:** Natural Polyethylene (LLDPE)
  - **Injection/Check valve:**
    - Body & insert: Polypropylene (optional PVDF)
    - Check Ball: Ceramic
    - Spring: Hastelloy C-276
    - Ball Seat O-ring: TFE/P (optional EP)
  - **Static Seal O-ring:** FKM (optional EP)

- **Non-Wetted components:**
  - **Pump Head & Enclosure:** Valox® (PBT) thermoplastic
  - **Pump Head Cover:** Clear Acrylic
  - **Cover Screws:** 300 Stainless, Polypropylene cap
  - **Roller Assembly:**
    - Rotor: Valox® (PBT)
    - Rollers: Nylon
    - Roller Bearings: Bronze
  - **Motor Shaft:** Nickel plated steel
  - **TFD System Sensor pins:** Hastelloy C-276
  - **Power Cord:** 3 conductor, SJTW-A Water-resistant