**FEATURES**

1. Semi-vortex urethane rubber or high chrome cast iron impeller suspends solids and allows for pumping of sand and stringy material.

2. Highly efficient, continuous duty Air-filled, copper wound motor with class E,B insulation minimizes the cost of operation.

3. Built in thermal protection prevents motor failure due to overloading, accidental run-dry and single phasing in three phase units.

4. Double inside mechanical seals with silicon carbide faces running in an oil filled chamber provide for one the most durable seal designs available.

5. Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a provide for extended operational life.


7. Slim design allows pumps to fit into 8” pipes. (Manual type only)

**APPLICATIONS**

1. Residential, commercial, industrial wastewater and site drainage.

2. Decorative waterfalls and fountains.

3. Raw water supply from lakes or rivers.

4. Sediment removal from small sumps or basins.

**SPECIFICATIONS**

| Discharge Size | 2 - 3 [NPT (50 - 80 mm)] |
| Horsepower Range | 1/2 - 2HP. (0.40 - 1.5kW) |
| Performance Range | 15.9 - 111.0 GPM. (0.06 - 0.42 m³/min) |
| Capacity | 13.1 Ft. - 68.9 Ft. (4.0 - 18.9 m) |
| Head | 104° F. (40° C.) |

Materials of Construction

- Butadiene Rubber + Natural Rubber + Steel [LB(T)-1500]
- Urethane Rubber, High Chrome Cast Iron [LB(T)-1500]
- 403 Stainless Steel
- Aluminum alloy
- 304 Stainless Steel
- Silicon Carbide
- NBR (Nitrile Butadiene Rubber)
- Semi-vortex, solids handling. 0.236” (6.0mm)

Impeller Type

- Prelubricated, Double Shielded

Motor Nomenclature

- Air Filled, 3600 RPM, 60 Hz.
- 115 / 230V., 1 Phase
- 230 / 460 / 575V., 3 Phase
- Class E, B

Insulation

- Submersible Power Cable
- 32 - 50’ (10 - 15m)

Operational Mode

- Manual, Automatic(LB-480A / 800A)
- Length as Required,

**OPTIONS**

- TS-301 Float Switch