



## LB SERIES

Semi-Vortex Wastewater Pump

## SPECIFICATIONS



LB-480 LB-480A LB-800(T) LB-1500(T)

### ✓ FEATURES

- Highly efficient, continuous duty Air-filled, copper wound motor with class E,B insulation minimizes the cost of operation.
- Built in thermal protection prevents motor failure due to overloading, accidental run-dry and single phasing in three phase units.
- Double inside mechanical seals with silicon carbide faces running in an oil filled chamber provide for one the most durable seal designs available.
- Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a provide for extended operational life.
- Model LB-480A & LB-800A Automatic Submersible pump performs like the non-automatic version in every aspect of construction site usage requiring a tough and durable pump
- Slim design allows pumps to fit into 8" pipes. (Manual type only)



### ✓ APPLICATIONS

- Residential, commercial, industrial wastewater and site drainage.
- Decorative waterfalls and fountains.
- Raw water supply from lakes or rivers.
- Sediment removal from small sumps or basins.

### ✓ SPECIFICATIONS

LB SERIES		STANDARD	OPTIONS
Discharge Size		2" - 3" NPT (50 - 80mm)	
Horsepower Range		1/2 - 2 HP (0.40-1.5kW)	
Performance Range	Capacity	15.9 - 111.0 GPM (0.06 - 0.42m <sup>3</sup> /min)	
	Head	13.1 - 68.9ft. (4.0 - 18.9m)	
Maximum Water Temperature		104°F (40°C)	
Materials of Construction	Casing	Butadiene Rubber + Natural Rubber + Steel (LB[T]-1500)	
	Impeller	Urethane Rubber High Chrome Cast Iron* (*LB[T]- 1500)	
	Shaft	403 Stainless Steel	
	Motor Frame	Aluminum Alloy	
	Fastners	304 Stainless Steel	
Mechanical Seal		Silicon Carbide	
Elastomers		NBR (Nitrile Butadiene Rubber)	
Impeller Type		Semi-Vortex, Solid Handling	
Solids Handling Capability		0.236" (6.0mm)	
Bearings		Prelubricated, Double Shielded	
Motor Nomenclature	Type, Speed, Hz	Air Filled, 3600RPM, 60Hz	
	Voltage, Phase	115 /230V, 1 Phase	
	Insulation	Class E, B	
Accessories		Submersible Power Cable, 32' - 50' (10 - 15m)	Length as required
Operational Mode		Manual, Automatic (LB-480A/800A)	TS-301 Float Switch