

LB-480 • LB-480A - DEWATERING PUMPS

LB-480 Slimline design pump fits into 8" pipes. Powerful pumps built with durable materials in an easy handling design. Top discharge provides maximum motor cooling efficiency allowing continuous duty operation at low water levels and extended dry-run capability.

LB-480A features Relay Unit (Level Sensor) which incorporates low voltage, stainless steel probes, epoxy and rubber encapsulated timing relay, that turns the unit off when water is not present. It saves energy and extends the life of the motor and bearings!



LB-480



LB-480 Features

- Urethane, Semi Vortex Impeller and Wear Plates for maximum durability and maintaining pump performance
- Dual Inside Mechanical Seal With SiC faces provides longer operational life
- Oil Lifter provides lubrication of the seal faces
- V-Ring Seal design protects mechanical seal from abrasive particles

Optional Accessories - See page 24-27

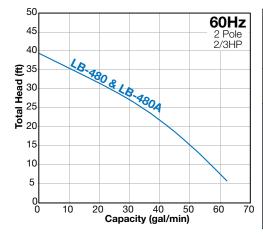
- TS-301 Float Switch for automatic operation
- · Discharge hoses
- · Quick connect fittings

LB-480A Features

- No control panel or float switches required
- Performs like the non-automatic pump with no special float installation required
- Requires very small space to operate only 8 3/4" diameter

Technical Features of Automatic (A) Water Level Sensor

- Sensitive electrodes detect water to start pump operation even when foreign materials are present
- Internal 60-second timer eliminates frequent on/off operation in rough water to extend motor life
- Relay sensor completely molded in resin and covered by rubber case for protection against rough handling
- Jobsite tested for more than 30,000 on-off cycles without failure or damage



Electrodes submerged in water closing circuit for electric current. The pump starts to operate.	Water level has fallen. Electrodes in air, opening circuit for electric current. Timer starts and pump continues to operate.	Timer continues pump operation for approximately one minute. If water again contacts, the electrodes timer is cancelled and pump continues operating.	Timer stops after approximately one minute.	Water level rises to contact electrodes and the pump restarts. Pump begins operating. Water level falls.	
Pump begins operating. Water level falls.	Pump continues operating. Water level falls.	Pump continues operating. Water level falls.	Pump stops. Water level rises.		
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Certified by Intertek Testing Service to UL and CSA standards for submersible construction pumps

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	Model	Motor Output	Phase	Discharge Bore	Cable Length	Dimension (inch)		Continuous Running	Shipping Weight			
		(HP)		(inch)	(ft)	Diameter	Height	Water Level (inch)	(lbs.)			
	LB-480	2/3	Single	2	32	7 11/16	11 1/4	2	28			
	LB-480A	2/3	Sinale	2	32	8 3/4	11 1/4	4 1/2*	29			

*Pump Starting Water Level