



Submersible Diaphragm Pump



Kelln Solar's 12 volt Submersible Diaphragm Pump is a continuous duty industrial rated pump ideally suited for smaller livestock watering applications. This pump has pasture proven itself in hundreds of livestock watering situations.

Specifications

This positive displacement pump is coupled directly to a permanent magnet, direct current ball bearing continuous duty rated motor. Capacity of this pump is 3 gallons a minute. System will self prime to 6 feet. The pump will self prime. Pump may be operated solar direct or from 12 volt batteries. System can be controlled by built in pressure switch or by an external float switch.

Dugout Applications

The submersible diaphragm pump will float on top of the water source and has a filtered suction intake. With the pump being submersed in the water it should run at a lower temperature and increase the life expectancy of the brushes and the motor. A container is supplied with system to act as a battery box and to store the control card in to keep it away from moisture. The float switch is installed in the water trough to start and stop the system as required.

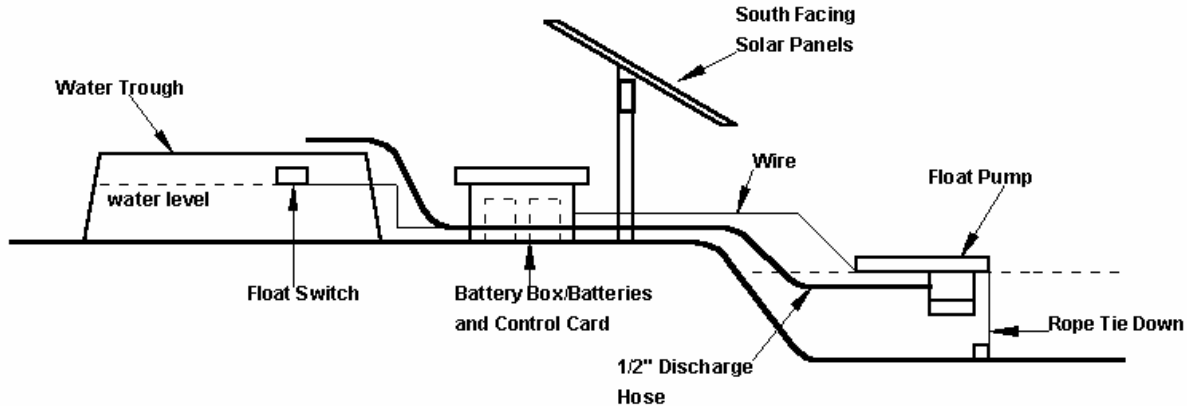
Well Applications

This pump can also be used in larger bored wells where there is enough room to lower the pump down.

Warranty

Dugout Systems have a warranty of 1 Year.

System Setup



Pumping Situations

25 C/C Pairs, 10 Ft. Lift, 50 Ft. Transfer

50 C/C Pairs, 10 Ft. Lift, 50 Ft. Transfer

Items Included in Price

- 1 – Submersible Diaphragm Pump
- 1 – 32 watt Shatterproof Solar Panels
- 1 – Single Panel Stand
- 1 – 50 Ft. 1/2" Poly Hose
- 1 – Regulator & Low Voltage Disconnect
- 1 – Float switch (30 Relay Operated)
- 1 – Filter c/w Check Valve, 50 Ft. Rope
- 1 – Wiring Package (Plug-in Ready)
- 1 – Battery Box

Required but NOT Included

- 1 – Batteries, Group 27 Deep Cycle
- 1 – Pole For Panel Stand (2 3/8 O.D.)

Price: \$1149.00

(G.S.T. & Shipping Extra)

Items Included in Price

- 1 – Submersible Diaphragm Pump
- 2 – 42 watt Shatterproof Solar Panels
- 1 – Single Panel Stand
- 1 – 50 Ft. 1/2" Poly Hose
- 1 – Regulator & Low Voltage Disconnect
- 1 – Float switch (30 Relay Operated)
- 1 – Filter c/w Check Valve, 50 Ft. Rope
- 1 – Wiring Package (Plug-in Ready)
- 1 – Battery Box

Required but NOT Included

- 1 – Batteries, Group 27 Deep Cycle
- 1 – Pole For Panel Stand (2 3/8 O.D.)

Price: \$1895.00

(G.S.T. & Shipping Extra)