

HIGH VOLUME FLOATING PUMP (Centrifugal Pump)



KELLN SOLAR High **Volume** FLOAT PUMP is a *continuous duty* Centrifugal Pump operating at 24 Volts, and 36 Volts with volumes of 10.5 GPM @ 40 Feet @ 24 Volts and 10 GPM @ 60 Feet @ 36 Volts. This pump is ideally suited for watering livestock from dugouts, rivers, creeks and even sand-point wells. It is the only Solar Centrifugal pump on the market that has a **FULL TWO YEAR WARRANTY**.

CONSTRUCTION – The HV Float Pump is made with the highest quality components.

- 1 H.P Motor , Stainless Steel Shaft , Permanent DC Magnet
- Direct Coupled to Stainless Steel Pump
- Stainless Steel Impeller

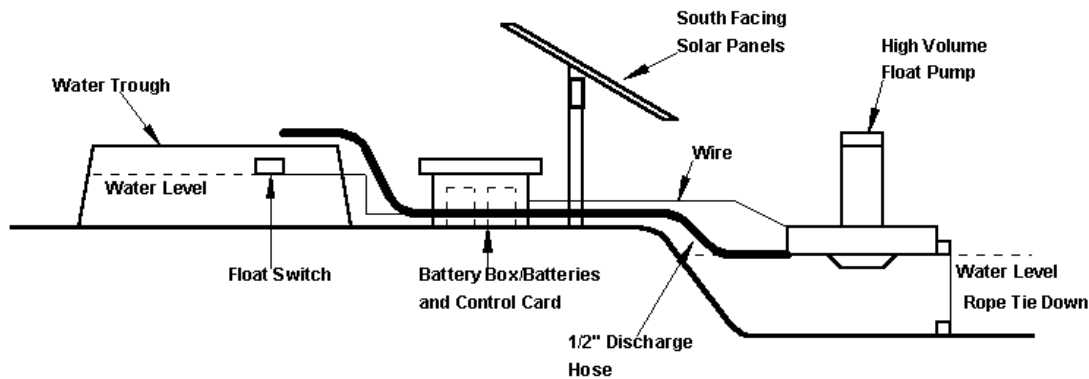
All these features will lead to Unsurpassed Durability and will provide the consumer with years of trouble free operation.

BATTERY OPERATED - KELLN SOLAR HV FLOAT PUMP installed as a dugout pump will water 150 cow/calf pairs with four deep cycle RV/Marine batteries charged by two 64 watt solar panels (May to October) at a 20 foot lift. With 384 watts of solar panels, 4 batteries, 20 feet of lift, this system will water 450 cow/calf pairs. Kelln's HV FLOAT PUMP pumps 24 GPM at 25 ft lift, and at 40 feet it will pump 10 GPM.

OPERATION - Typically this pump is located in the dugout (within 75 feet) with 100 feet of 2” discharge line. **When the pump shuts down the outlet hose drains back to the water source.** A float switch is installed in the trough, which turns the pump on and off. The PUMP, SOLAR PANEL, and FLOAT SWITCH must be protected from cattle at all times.

BATTERY RESERVE - Four Trojan T105 220 Amp/Hr Deep Cycle Batteries are recommended for 110 cow/calf pairs. Fully charged these batteries are capable of pumping 9,000 gallons of water at 25 feet of lift. Four 6 Volt Trojan T105 Deep Cycle Batteries with 220 Amp/Hr. are also recommended for 200 to 300 pairs of livestock.

System Setup



Pumping Specifications

Gallons Per Minute	55	40	23	12.5
Total Lift In Feet	10	20	30	40

Situation

120 Cow/Calf Pairs, 25 Feet Lift, 50 Transfer

250 Cow/Calf Pairs, 25 Feet Lift, 50 Transfer

Equipment Included In Price

- 1 – Floating Pump HV 1 H.P. (24 Volt)
- 2 – 64 Watt Shatterproof Solar Panels
- 1 – Double Panel Stand
- 1 – 75’ 8 gauge. Submersible Cable
- 1 – Regulator & Low Voltage Disconnect
- 1 – Float Switch (30 Foot Relay Operated)
- 1 – Intake Filter
- 1 – Heavy Duty Battery Box
- 1 – 50’ length of 5/16 Rope
- 1 – Quick Disconnect for discharged
- 1 – Wiring Package (Pre-wired Plug-in Ready)

System Price \$ 3195.00

(GST & Shipping Extra)

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System Price \$ 4595.00

(GST & Shipping Extra)