

SUNMOTOR

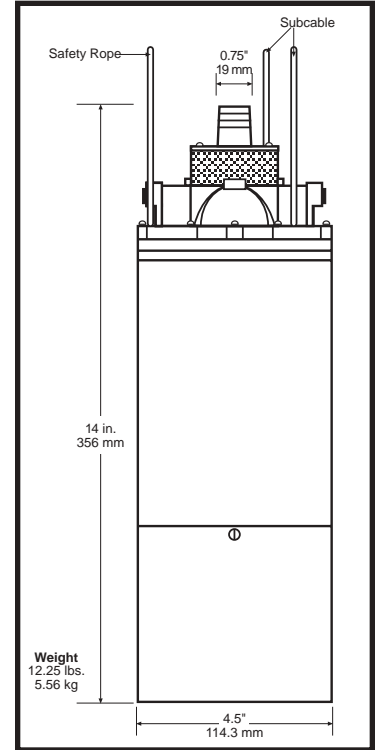
MODEL SUB150 SOLAR PUMP

The Sunmotor SUB150 submersible pump is ideal for remote pumping from groundwater sources such as wells and boreholes. The SUB150 utilizes a standard industrial diaphragm pump driven by a rugged d.c. motor, enclosed inside a waterproof shell.

FEATURES

- **No Inverter:** D.C. motor connects directly to solar array for efficient operation.
- **Rugged Construction:** Anodized aluminum and engineered plastic provide strength and corrosion resistance.
- **Uses any d.c. power source:** Operates on solar, wind or battery power.
- **Simple Installation:** Use of plastic discharge pipe allows installation totally by hand.
- **Simple maintenance:** Motor and pump components can be replaced when required.

SUNMOTOR SUB150 PUMP PERFORMANCE							
Pumping Head		Battery Operation (12 volts)			Solar Operation (16 volts)		
		Current	Flow		Current	Flow	
Meters	Feet	(A)	L/min	USgpm	(A)	L/min	US gpm
5	16.4	4.8	11.1	2.9	5.8	15.5	4.1
10	32.8	5.5	10.6	2.8	6.4	15.0	4.0
15	49.2	6.3	10.2	2.7	7.1	14.5	3.8
20	65.6	7.2	9.3	2.5	7.9	13.8	3.7
25	82.0	7.7	8.8	2.3	8.6	13.2	3.4
30	98.4	8.4	8.2	2.2	9.4	12.4	3.3
35	114.8	8.8	7.7	2.0	10.2	11.6	3.0



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