

Shurflo® 9300 Series Submersible Pumps

24 VDC



902-100 Controller Features:

Boost your DC solar pump's performance by up to 30%. Controller optimizes your solar water pumping system by translating the current and voltage available from your photovoltaic panels, into a combination that is better matched to that needed by the pump. With the optional float switch installed, the controller will automatically stop pumping when the reservoir is full.

- * Operates on 24 VDC
- * Increases daily water output up to 30%
- * System starts pumping earlier in the morning
- * System stops pumping later in the evening
- * Protects pump from low or high volume conditions
- * Terminals for float switch

The Shurflo 9300 series pump offers a solution to your remote water pumping needs. It's rugged, durable and built to last. This pump delivers a steady 1.0 GPM [3.8 L/min] operating at 100 PSI [6.9 bar] maximum at 230 feet [70.1m]. It incorporates a unique, waterblocked cable connector that is impervious to water leakage and condensation problems preventing waterwicking. Great for applications in livestock watering, irrigation, ponds, islands, remote homes and cabins

- Fits wells 4 inches [10.2 cm] in diameter and larger
- Accepts a variety of jacketed cables from your power source
- Runs dry without damage
- Corrosion-proof housing with stainless steel fasteners
- Long-life, 24 VDC operation
- Quick disconnect for easy installation and service

902-200 Controller Features:

Includes all 902-100 features plus:

- * Switch selectable for 12 VDC or 24 VDC operation
- * Manual Pump On / Off switch for easy pump maintenance
- * Watertight enclosure and cable inlets
- * Includes high/low water level monitor mode with probes and cable so the pump will not run when the well water is too low

Order Information

Part Number	Max GPM	Max LPM	Max Draw	Description
9325-043-101	1.8	6.8	4.1	EPDM valves, Santoprene® diaphragm

Model	Description	Max. Array Input Voltage		Min. Startup Voltage		Shutdown Voltage	Max. Output Current
		12V	24V	12V	24V		
902-100 (LCB-G0)	9300 DC Pump Controller	45 V	N/A	25 V	N/A	28 V	5 Amps
902-200 (LCB-G)	9300 DC Pump Controller	45 V	N/A	25 V	12.5 V	28 V	7 Amps

Model	Vertical Lift				Solar Array	Current
	Feet	Meters	GPH	LPH	Watts	Amps
9325-043-101	20	6.1	117	443	58	1.5
	60	18.3	109	413	78	2.1
	100	30.5	103	390	99	2.6
	140	42.7	99	375	115	3.1
	180	54.9	93	352	135	3.6
	230	70.1	82	310	155	4.1

Shurflo 3000 Series Submersible Pumps

12 VDC



Order Information

Part Number	Max GPM	Max LPM	Max PSI	Max BAR	Max Draw
3000-350	2.5	9.5	10	0.7	7.4

Model	PSI	BAR	Dischg. Ft of Head	GPM	L/min	Amps
3000-350	0	0.0	0.0	3.8	14.4	6.5
	5	0.3	11.5	3.4	12.9	7.1
	10	0.7	23.0	2.5	9.5	7.4

The 3000 Series is suitable for a variety of uses from pumping water to changing oil in cars, trucks and farm equipment. Pumps incorporate thermal overload protection.

Not intended for use with flammable liquids or in flammable environments.

- Self-priming to 7.5 feet [2.3m] vertical
- Maximum head of 28 feet [8.5m] (12 PSI [.83 bar])
- Liquid temps from 40° F to 185° F [4.4°C to 85°C]
- Thermal overload protection
- Stainless steel shaft
- BUNA-N impeller and lip seal
- Built-in reverse switch and 8 foot [2.4m] cable with battery clips