



Diaphragm Pump 33 Series

An incredible feature list, high quality components, plus amazing performance. The three-chamber high volume design, driven by a heavy-duty motor produces flow rates of 3 GPM, making it the price to performance leader. Seaflo also offers a variety of easy connect fittings and filters.

Features & Benefits

- Positive displacement pump
- Can run dry
- Quiet operation
- Demand pump
- Low amp draw
- Industry standard mount pattern
- Built in check valve
- Thermally protected
- Easy connect fittings

Typical Applications

- Agricultural Spraying
- General Industrial
- Automotive
- Marine/RV

PUMP

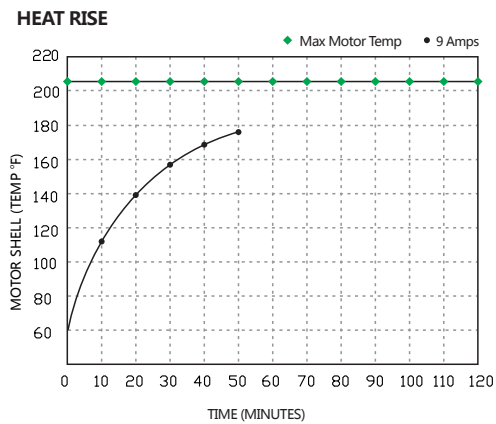
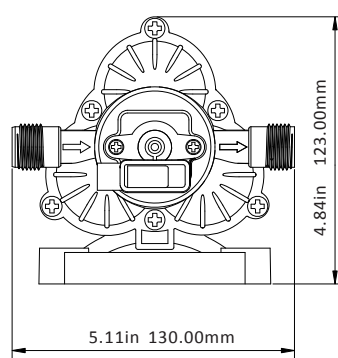
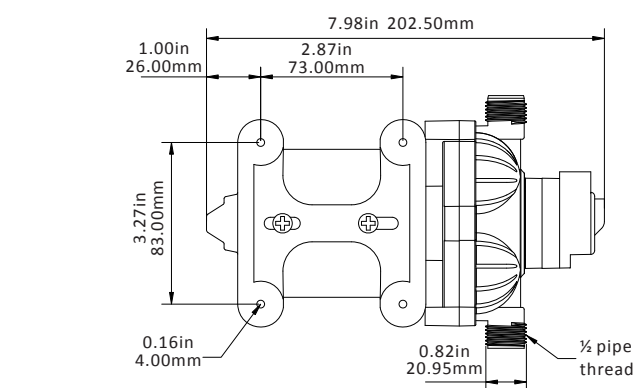
- Type**
Heavy 3 chamber positive displacement diaphragm pump, self priming, capable of being run dry
- Mode**
demand
- Liquid Temperature**
140°F (60°C) Max.
- Priming Capabilities**
6 feet (1.8 m) suction lift
- Max Pressure**
45 PSI (3.1 bar)

Inlet/Outlet Ports

- 1/2" -14 MNPT
- Weight**
2.5 lbs (1.14 kg)

MOTOR

- Duty Cycle**
Intermittent
- Voltage**
12v/24v
- Leads**
16 AWG, 4.5" long with 2-Pin connector/Leads



PUMP PERFORMANCE				3.0 GPM
PSI	BAR	GPM	LPM	Amps
OPEN	0.20	3.00	11.85	4.3
10	0.70	2.81	10.85	4.7
20	1.40	2.42	9.34	6.2
30	2.10	2.09	8.06	7.1
40	2.80	1.61	6.21	8.3
45	3.06	OFF	OFF	0

STANDARD PUMP CONFIGURATIONS

Model	Switch	GPM/LPM	PSI/BAR	Max Draw (A)	Valves	Diaphragm	Ports	Voltage	Wire Connections
SFDP1-030-045-33	Demand	3.0/11.6	45/3.1	8.0	Viton	Santoprene	1/2"-14 MNPT	12V	2-Pin/Leads
SFDP2-030-045-33	Demand	3.0/11.6	45/3.1	4.0	Viton	Santoprene	1/2"-14 MNPT	24V	2-Pin/Leads

Consult factory for other available models

FITTINGS

Item Number	Size	Fitting Type	Material
51F01	1/2" -14 FNPT x 1/2" Barb	HSE Barb Straight Fitting	POM & PP
51F02	1/2" -14 FNPT x 3/8" Barb	HSE Barb Straight Fitting	POM & PP
51F03	1/2" -14 FNPT x 1/2" Barb	HSE Barb Elbow Fitting	POM & PP
51F04	1/2" -14 FNPT x 1/2" -14 MNPT	MNPT Elbow Fitting	POM & PP



FILTER

Item Number	Inlet	Outlet	Mesh Size
51S01	1/2" -14 MNPT	1/2" -14 FNPT Inline Filter/Strainer	50

Fittings and filter included with the 1/2" MNPT pumps only.



51S01