

SEAFLO®

SUBMERSIBLE AND INLINE PUMP

INSTALLATION MANUAL

Description

The Submersible Inline Pump is able to function as a flooded suction water supply pump or as an inline booster pump. It is able to pump clean water or diesel.

Installation

Use suitable size of hose (check outlet dia of technical data below) to connect to the pump, use adaptor when you need it.

Note: Ensure that the adaptors are pressed on firmly. Once fitted the adaptors cannot be removed.

Install a check valve in the pipe when there is a long run of pipe between pump and faucet.

The In-line Booster Pump must be installed in the following ways:

1. The position of the pump is lower than the water tank, and pump the oil or water;
2. In conjunction with:
 - a) a hand-operated pump
 - b) a foot operated pump
 - c) in-line to boost another pump

Notes:

- Position the In-Line Booster pump in the suction pipe between the foot pump and the water tank, not between the foot pump and faucet.
- The In-Line Booster pump is light enough to suspend in the pipework.
- The In-Line Booster Pump is a sealed unit and can be submersed in water.

Operation

1. As the In-Line Booster pump is not self-priming, it is necessary to prime the system with either: a hand pump, a foot pump, by gravity.
2. When fully immersed in water the inline pump is primed and gives instant delivery of water.

Caution

1. Do not pump water above 60°C (140°F), or below 0°C (32°F).
2. Do not pump diesel above 50°C (122°F).
3. The pump is suggested to be installed vertically. The pump outlet should be higher than the inlet, if possible.
4. The duty cycle of the pump is continuous.

Maintenance

To protect against damage during the winter, drain the water when the pump is not using.

Before usage

For efficient operation and maximum pump life, note the following points:

- a) In order to avoid the trapped air inside the pump and to ensure the successful priming, place the pump in water and shake for a few seconds in a horizontal or inverted position before switching the pump on. (This action should be repeated after refilling the water tank.)
- b) In order to avoid air leaks, securely fasten the hose connections.

Technical data

Model	Voltage	Max Draw	Head	Flow rate	Duty Cycle	Outlet Dia	Pumping Liquid
SFSP1-G200-03B	12V	4.5A	7m/23'	200GPH	Intermittent	2/5"(11mm)&1/2"(13mm)	Water
SFSP1-G280-02A	12V	4.5A	10m/32'	280GPH	Intermittent	1/2"(13mm)	Water, Diesel
SFSP1-G280-02B							
SFSP1-G500-02A	12V	4.5A	10m/32'	500GPH	Intermittent	3/4"(20mm)	Water, Diesel
SFSP1-G500-02B							

"A" refers to with clip and 5M cable. "B" refers to with only 1M cable.

