

Float Pump

FP501·FP801



Powerfully collecting flotage and scum on the water.

FP-series is a floating scum pump to collect suspended solids on water surface. The float maintains water at a steady depth at the suction port. Since the pump is based on a submersible pump capable of handling sewage water and filth, the motor has a high water sealing capacity and the pump is less likely to be clogged with suspended solids.

Features

● Reduced operation time

The suction port, which is always near the surface of the water, has a higher collection rate than other methods, such as a septic tank truck, which thus allows a reduction in operation time.

● Unattended operation

At the onsite wastewater treatment system without a residential caretaker, the floating scum pump collects and forcibly returns the scum generated at a settling basin, thereby reducing the odor generation.

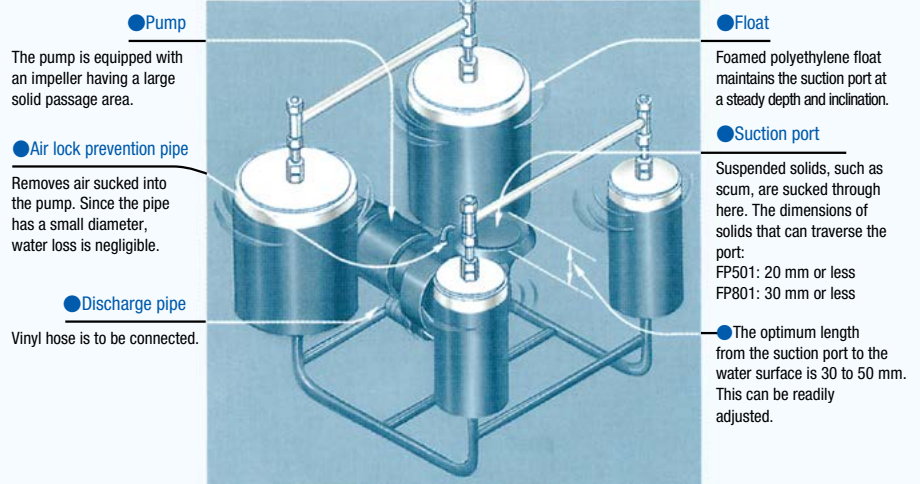


◀FP501

Applications

- Returning scum
- Collecting supernatant water
- Collecting and returning other flotage on the water surface

Structures and Features



Standard Specifications

Model	Discharge dia. mm	Rated output kW	Frequency Hz	No. of poles	Suction volume m ³ /min	Total head m	Weight kg
FP501	50	0.75	50	2	0.25	5.3	35
			60	2	0.25	4.3	
FP801	80	1.5	50	2	0.6	5.7	68
			60	2	0.6	4.0	

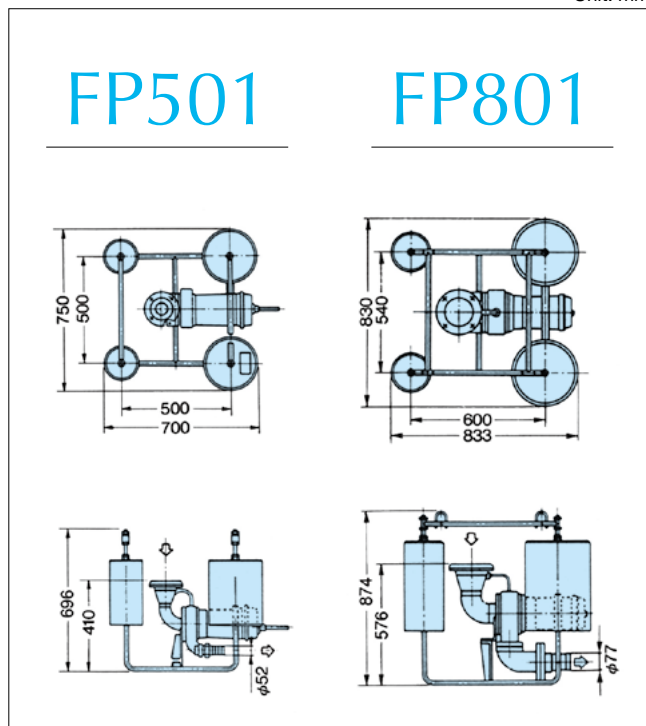
- Please consult us when liquid includes fugacious oil and fat content because float may dissolve.
- Please consult us for custom-designed 0.4kW, 2.2kW, and 3.7kW type.

Standard Accessories

- Cable 1 pc
FP501 (6m), FP801 (8m)
- Cable specifications
PVC insulated PVC sheathed cable 1.25mm²×4cores

Dimensions

Unit: mm



Make sure to request the operating manual from us or our distributor when it is not in your hand.

Optional Accessories

Hose (Vinyl hose ϕ 50mm x 20m or ϕ 75mm x 20m)



FP501

FP801

Application example

(Collecting scum at the wastewater treatment system)

This type of pump facilitates the collection of suspended solids or soft scum (floc) in sewage water. At the onsite wastewater treatment system without a residential caretaker, floc generated at a settling basin becomes malodorous scum. Once installed, a float pump collects and forcibly returns the floc, thereby reducing the level of odor generated.



Specifications and dimensions are subject to change without notice.

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