

Amphibio Floating Strainer

Designed to allow for water pickup from the surface rather than below the waterline, the Amphibio Floating Strainer protects transfer and pickup pumps from damage caused by entrapment of water contaminated by sludge, gravel or other potentially damaging material.

Rather than relying on a crude filter at the end of the pickup hose, the Amphibio sits on the surface of the water and reaches full operational efficiency when used on water sources as shallow as 1.5 cm.

Designed with a rotating suction chamber which compensates for the weight and drag of the suction hose, the Amphibio always remains upright and stable.

A rubber clack valve prevents water back-flowing from the suction hoses when the pump stops working. This feature means that pumping can recommence immediately and even means that pumps without self priming can be easier to restart.

The clack valve can be manually released by pulling on the release line allowing for quick and easy clear up.

The Amphibio's pickup filter has been specially designed to prevent blockage due to floating debris. Thanks to the fact that the filter is 2.5 times the size of the strainer outlet the risk of total blockage is minimal.

Amphibio's floatation unit is constructed with high strength, impact resistant polyethylene plastic. It is impact and scratch resistant. If desired, the pickup strainer can be easily disconnected from the floatation unit for use as a conventional pick-up filter.

Features

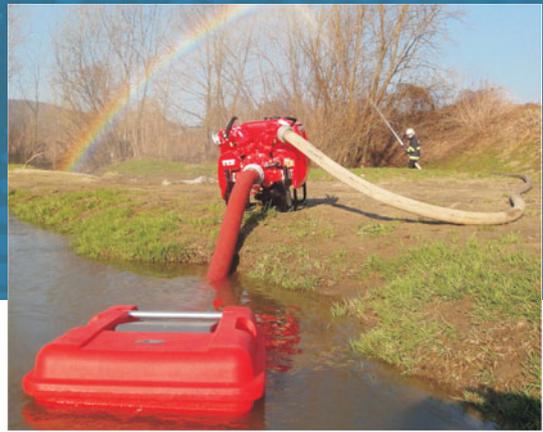
- Reduces the risk of damage to pumps
- Constructed from impact resistant polyethylene
- Rotating strainer remains upright when connected to pickup hose
- Manually released clack valve prevents back flow
- Can be supplied with customer-specified couplings

Construction

The strainer consists of two main parts, floating chamber (2) and rotating suction chamber (1). This rotating suction part compensates for the load applied by the hose so the strainer always floats level - the strainer is self-levelling.

The suction chamber is fitted with a plastic grill (3) with a rubber check valve (4). The valve can be opened by pulling on a rope connected to the lever (5). The strainer has moulded carrying handles (6) on each side of the unit.

Dimensions: 790 (L) x 550 (W) x 200 (H) mm, Weight: 10 Kg



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