

Airlift pump PM



Airlift pumps type PM (PM 1", PM 1 1/2", PM 2" and PM 110) are designed for pumping different kind of media. They are particularly useful during wastewater treatment, recirculation of activated sludge, pumping raw wastewater and removing sand from sand traps.

The pumps PM are made of corrosion-proof materials conforming to conditions for conveying potable water (GENOVA system).

During air flow cut-off the pump's construction provides separation of the supply system from the media pumping zone by means of a diaphragm perforated valve, closed by hydrostatic pressure.

The pumps are highly reliable and easy to assemble owing to the use of PVC hose as an intake end. The hose can be formed depending on the shape of the tank.

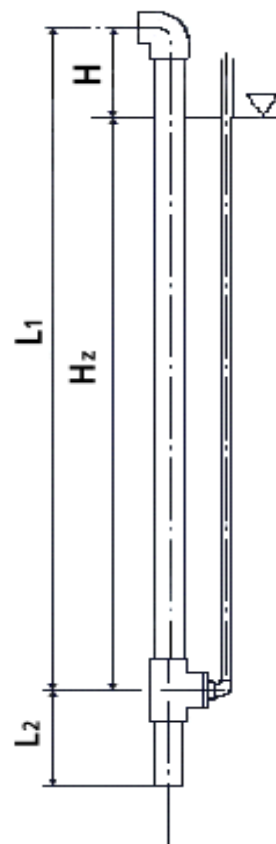
The capacities of the pumps (specified in laboratory conditions for clean water and constant depth $H_z=1,5$ m) are presented in the diagram showing the dependance of air demand supplied to the pump on the lifting height "H" of the medium being pumped (see data sent by fax).

The capacity of PM 110, at immersion depth $H_z=4$ m, is $15-20\text{m}^3$ (at $H=0,5$ m).

The pumps can operate in a complex system allowing for multiplication of capacity.

The lengths of ends, intake L_2 and exhaust L_1 , and air supply hose are specified by the buyer.

We suggest the purchase of the very "heart" for individual assembly.



H_z - immersion depth
 H - lifting height
 L_1 - exhaust connector pipe
 L_2 - intake connector pipe



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