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Installation Instructions

SH-RCP Recirculation Pumps

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IMO - MARPOL
MEPC-153 (55)
International



IAPMO STANDARD
IGC 180-2003

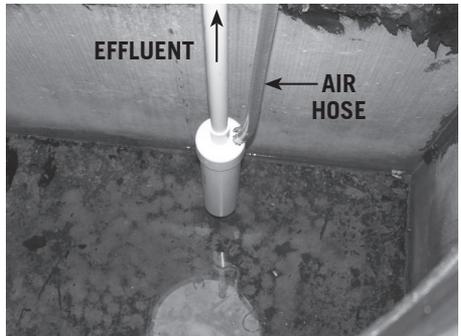
INSTALLATION INSTRUCTIONS FOR SH-RCP RECIRCULATION PUMPS

The SludgeHammer RCP unit is an effluent recycle pump which is driven by air delivered to the unit through a flexible air hose. The unit attaches to a vertical pipe which receives liquid from the unit as it is forced upward by the air. This pipe allows the liquid to flow upward to a height sufficient that it can be attached through an elbow to a receiving pipe allowing the liquid to flow by gravity to any particular destination downslope of the elbow.

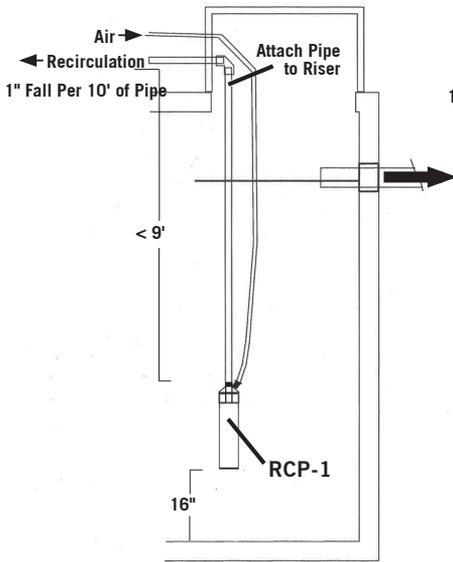
1. When installing RCP unit as a stand alone appliance, the pump must be anchored to the tank to prevent uplift of unit when air is being delivered. This is accomplished by attaching supplied brackets to the inside of the riser and simply snapping the vertical exit pipe into the brackets. Keep in mind that the RCP unit is effluent-depth-specific and must be installed as per drawing included.



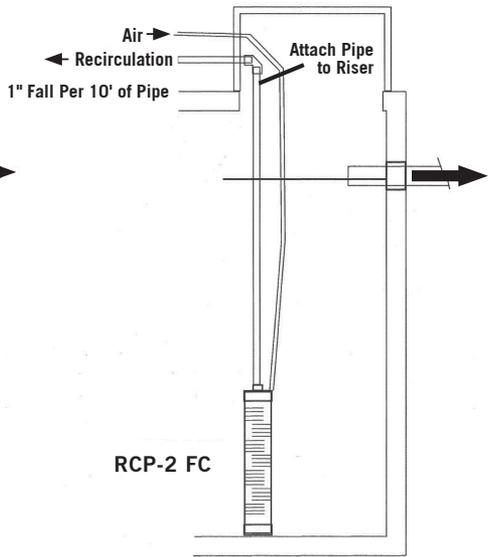
2. Air is delivered to the RCP by attaching a 5/8" braided hose to the 1/2" barbed fitting on RCP unit.



3. If installing RCP unit with the SH-RCP Filter Chamber, The RCP will come pre-attached to the filter chamber and the entire assembly will rest on the bottom of the tank. The air supply hose will be pre-attached for you to simply hook up to your air supply unit.
4. Remember to allow 1" of fall for every 10' of horizontal recirculation pipe.



WITHOUT FILTER CHAMBER



**RCP-2 FC
SIDE VIEW**

WITH FILTER CHAMBER

