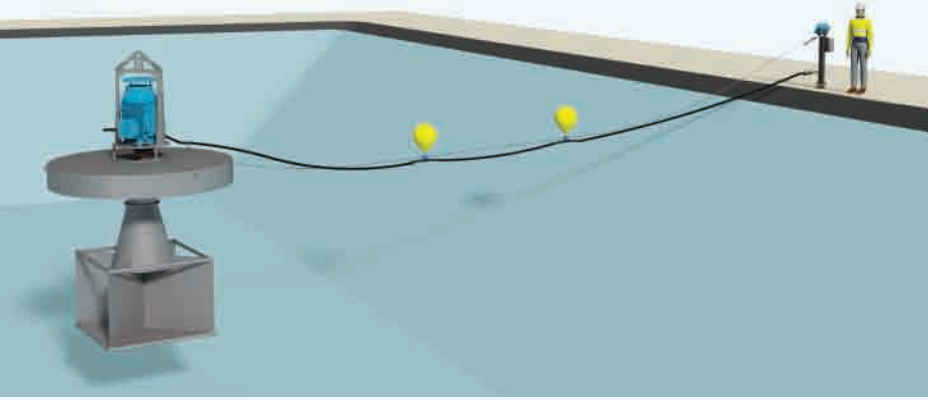
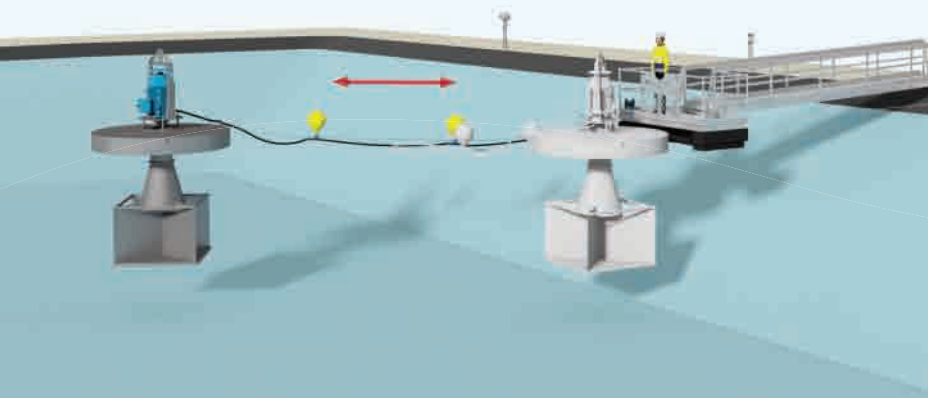


Installation Systems



Mooring cable

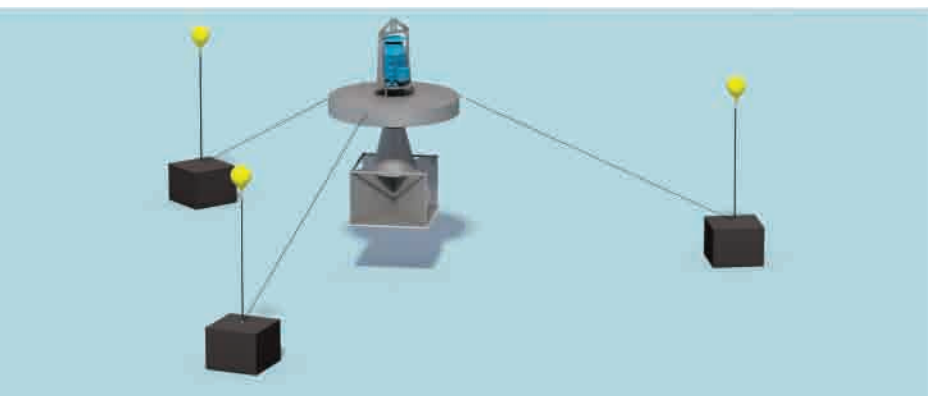
The most common installation method. Either three or four cables locate the aerator in a fixed X-Y position. The cables are not tensioned and therefore allow moderate water level variation. Mooring cables can be connected to a variety of anchors posts and wall brackets. The power cable is typically suspended on one of the mooring cables using [aercable Cable Hangers](#) and/or [Cable Floats](#).



Docking Cable

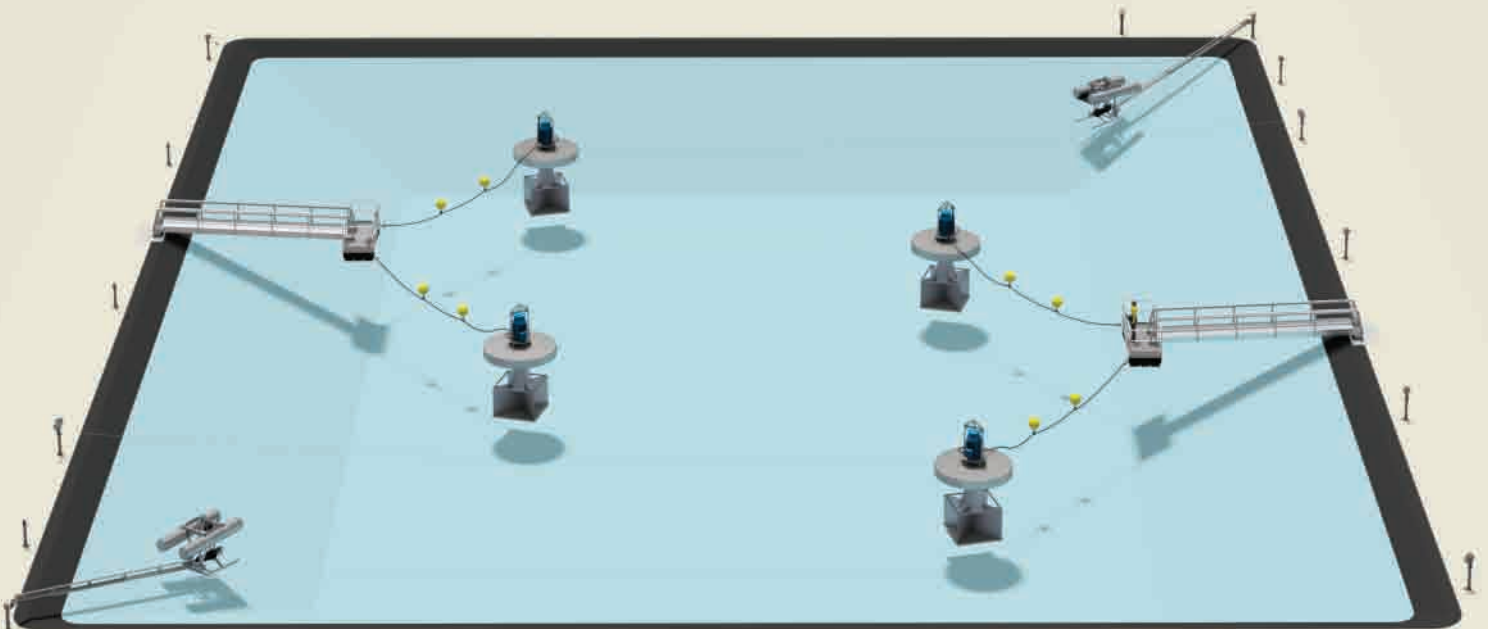
C/w Quick-Release Connector

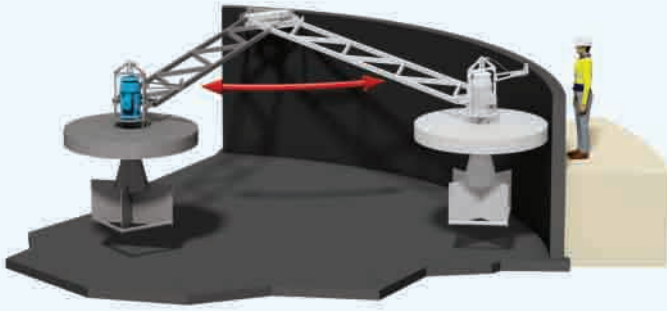
Allows personnel to partially disconnect one or more of the mooring cables using an [aercable Quick-release Connector](#) and move the aerator from its normal operating position to any accessible docking position or to an [otterdock – Safe Docking Platform](#). Following maintenance, the aerator automatically returns to its original operating position simply by re-attaching the [aercable Quick-release Connector](#).



Floor Anchor

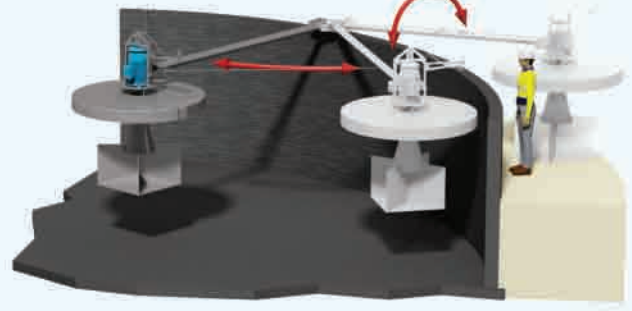
This method is selected when the distance to shore prevents the use of standard mooring cables. The aerator is moored to either three or four concrete anchors resting on the basin floor. A buoy affixed to each anchor identifies its position and supports a lifting chain for ease of retrieval.





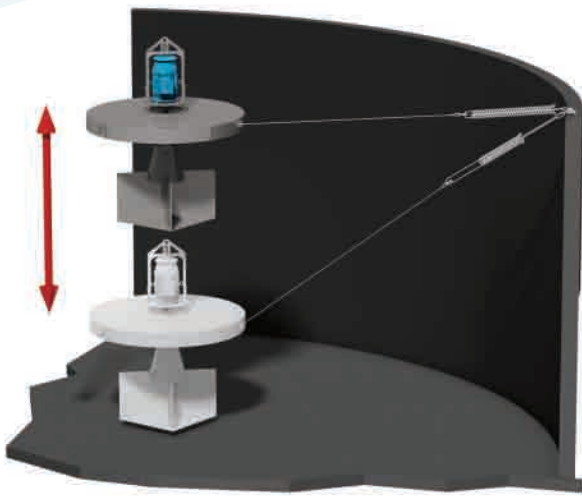
➤ Swing-arm without stability cables

Full articulated arm design allowing the aerator to rise and fall in accordance with water level variations; swing to the basin wall for service. Common on sites wishing to avoid cables. The swing-arm also acts as a power cable conduit



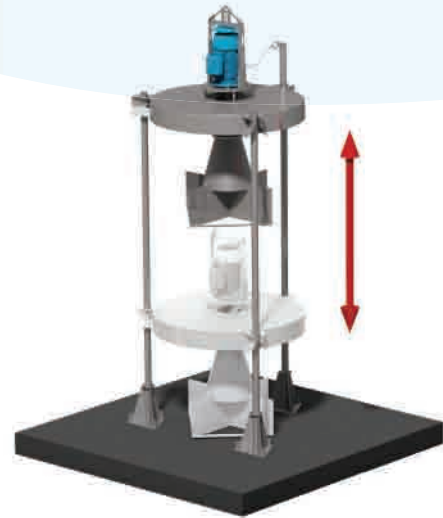
➤ Swing-arm with stability cables

Full articulated arm design allowing the aerator to rise and fall in accordance with water level variations; swing to the basin wall for service and lift out of the basin for maintenance. The swing-arm also acts as a power cable conduit.



➤ Mooring Springs

Mooring springs are added for large water level variations when the aerator must remain in a constant XY position. The mooring spring allows for a change in cable length as the water level varies.



➤ Guide Rails

Typically selected for applications with a large water level variation but require the aerator to remain in a constant XY position. Common on sites wishing to avoid cables. Aerator installation is simple due to the integral guide rail brackets.

Typical Surface Aerator Combinations

