

Archive for the 'Pond Fountains' Category

[FOUNTAINS: "THE GOOD, THE BAD, AND THE BEAUTIFUL"](#)

Tuesday, December 23rd, 2008

Awareness of improved water quality is currently one important focus of our environmentally conscious world. Successful aquatic managers are making fountain and aeration equipment the foundations of many aquatic management programs. Decorative, floating aquatic fountains, one of many essential elements of an aquatic management program, are nevertheless "good, bad and beautiful."

Fountains are "good" because they provide a beneficial aeration function to waterways by increasing the dissolved oxygen level which in turn stimulates the natural cleansing processes of waterways and minimizes the need for chemicals. Absorption of atmospheric oxygen from above the water surface by fountains results in the return of oxygen laden droplets into the water where the oxygen is released. An operating fountain is capable of transferring an estimated 2 pounds of oxygen per horsepower per hour to a waterway. Increased oxygen levels also improve the health and growth of aquatic animal life. Fountains further improve water quality by decreasing the growth of algae, eliminating foul odors, decreasing insect infestation, minimizing stagnation within a waterway, the sum of which is an aesthetically pleasing healthy body of water. Aeration is also "good" since it provides deterrence to thermal stratification of layers of different temperatures in waterways. Aeration by fountains is a natural, environmentally safe and highly effective waterway quality management tool.

Fountains, paradoxically, can also be "bad" when certain common sense, safety precautions are not observed by individuals using fountain equipped waterways for recreational purposes. Although fountain control boxes and pump motors powered by electricity ranging from 120 to 575 volts are safely insulated against accidental shock or electrocution, individuals using the floating fountains as swimming platforms are placing themselves in danger of serious injury. Similarly, careless individuals tampering with electrical control boxes or attempting to change fountain timers are also at risk. All fountain maintenance and timer maintenance, including timer changes, should be performed by trained technicians from Charles Aquatics, Inc.

Finally, fountains with their dramatic ascending geysers in multiple patterns which cascade back to the surface are truly "beautiful." Providing dazzling waterscapes are one of the principal reasons many floating fountains are purchased and installed. AquaMaster fountains, with custom designed and built motors for superior performance, are available from ½ horsepower (HP) to 25 HP models from Charles Aquatics, Inc. These competitively priced fountains are application oriented and have energy efficient oil cooled motors for increased longevity and performance. AquaMaster fountains are backed with total component warranties. 1/2 HP AquaMaster fountains are the most energy efficient in the industry. The beauty of AquaMaster fountains can be further enhanced by adding multiple size and design spray pattern nozzles, by the addition of aesthetic Night Glow Lighting Systems incorporating submerged, interchangeable color lens, and by increasing the size of pump motors to create fountain streams ascending to fantastic heights.

Charles Aquatics, Inc. markets, installs and provides maintenance for various size and models of AquaMaster Fountains as well as providing information on the sale of fountain accessories. Color brochures describing floating fountains and aerators along with their applications, specifications and costs are available upon request at Toll Free 1-866-990-0044.

Posted in [Pond Fountains](#) | [No Comments »](#)