



AERATOR & FOUNTAIN SELECTION WORKSHEET

The answers to the following questions 1-6 will assist you and your supplier in selecting the type of equipment, i.e. whether you require aeration aesthetics or both for example: two Carnival units with a Diana spray pattern between.

1. What is the primary purpose for purchasing a fountain or aerator for this application?
Aeration _____ Aesthetics _____ Both _____
2. What are the pond's uses?
Recreation _____ Retention _____ Irrigation _____
Aesthetics _____
3. What is the source of the water for the pond?
Runoff _____ River/Stream _____ Well _____
Reclaimed Effluent _____
4. What are the physical dimensions of the pond?
Length _____ x Width _____ = _____ sq. ft. Divide by 43,560 =
_____ surface acre. Depth _____ (for minimum operating depth)
5. What is the shape of the pond?
Round/Oval _____ Rectangular _____ Square _____
Dogleg _____ Hour Glass _____
6. Are there any obstructions in the pond? _____
i.e.: island, points, or large cuts/coves

The answers to questions 7 through 10 will determine the voltage and phase of the motor to be supplied. Also this will determine the gauge/size of the power cable required from the service entrance to the waters edge and from the waters edge to the aerator/fountain.

7. What is the available power supply?
120-volt, 1-phase _____ 240-volt, 3-phase _____ 60hz _____ 50hz _____
240-volt, 1-phase _____ 480-volt, 3-phase _____ (Aquarian units only)
Other voltages _____
8. What is the distance from the power service entrance (main circuit breaker box) to the waters edge? _____ Feet
9. What gauge/size (if already installed) is the wire from the power service entrance (main circuit breaker box) to the waters edge? (i.e.12/4) _____ Gauge / Conductors
10. What will be the distance from the waters edge to the desired location of the aerator or fountain? _____
11. Options for fountains only:
Spray pattern, _____
Light kit assembly, yes _____ no _____
Colored lenses, Blue ___ Green ___ Red ___ Amber ___
Rock cover, yes _____ no _____

With the above information being determined you and or your supplier will be able to select the appropriate equipment for the application intended.