

Prefabricated Fountain Systems



Fountain construction is often based on pools made from concrete or flexible liner. Both approaches are time consuming, subject to deterioration and make special demands on the knowledge and craftsmanship of the installer.

As an alternative, Atlantic Fountains offers prefabricated fountains based on fiberglass pools. Each system is a proven solution that offers the best in state of the art water feature design.

- Pre-designed - no on-site guesswork
- Free-standing pool stays filled in winter
- Many spray patterns available
- Fiberglass is easy to clean
- Sizes from four to fourteen feet and beyond
- Optional electronic fill and wind controls
- Optional color light blending
- Optional music and water animation

Fiberglass Pool

While single piece pools up to eight feet are shipped ready for installation, modular pools must first be assembled: The pool halves are set on supports and clamped together. Bolts are then installed at two inch intervals. Gasket material is installed in the gap and the bolts tightened to complete the pool.



Subgrade

The pool rests on a level compacted subgrade. The subgrade should not be sand, but a granular fill that can be compacted. (The tiny trench accomodates the pool flange.)

The pool may be installed above grade or in-grade. Above ground installations must be finished with a wall for final appearance. If interlocking blocks are used, it is not necessary to pour a footing as with a masonry wall.



In-grade installations should still leave the top of the pool slightly above grade to prevent the entry of ground water. The surrounding berm may benefit from ground cover to keep the soil in place and reduce wind blown debris from entering the pool.

Component Installation

System components include a pump and nozzle manifold, manual control valves, junction box with penetration kit, and light fixtures. Also shown is the control panel with GFI protection, time clocks, and logic for integrated automatic fill and wind control.



Penetrations into the pool typically include fill line, drain and junction box (shown). Atlantic Fountains will supply you with details on each type of installation.



Components are set into the pool and wired to the junction box with connections made back to the control panel.

Finished Feature

Although the fill line awaits installation, this entire project went from order to operation in two weeks, with components installed in one day. ...The graduating class gift was ready in time for commencement.

While we recommend doubling the times above to avoid panic, the use of our prefabricated components makes such a timetable possible.



The spray height of this fountain is eight feet, allowable because the wind controls reduce this to four in moderate winds and shut off the pump in high winds.

One of many patterns we offer, this nozzle uses an orbiting head to diffuse its spray. At 1/500 sec. the camera captures the bursting droplet pattern that the eye blends into three cones. By day, and with underwater lighting at night, these droplets produce a stunning display.

