



The Polaris FiberFall® utilizes fiber optic technology to create a soft, color-lighted waterfall. A glow of colored light will appear at the nozzle area and sometimes will travel a distance in the fall, but can vary in intensity due to lighting in and around the pool.



The standard photography at left may not represent exactly the effect that you might achieve, but is actually two unretouched FiberFalls spilling into a fiber optically lighted spa.

The reliable and easy to install unit is available in standard sizes or can be custom built to your specification. The waterfall sheet holds its distinctive form for up to 3.5 feet.



FEATURES

- One inlet for all PowerFalls (12"-96" wide)
- Easy to install
- Compact design
- Low water flow requirements
- Patented X-Baffle™ design
- Self-draining/self-winterization
- No rock trap necessary

The FiberFall can be mounted below the coping in a raised bond beam. With one standard plumbing connector, the FiberFall can be easily installed in any type of pool.

The pattern of holes in each of the three sequential baffles has the same total area of opening as the lip of the FiberFall. This produces an unexcelled water sheet without back pressure.

FIBERFALL SPECIFICATIONS

- One lens chamber end for 12"-24" units
- Two lens chamber ends for 36"-48" units
- Standard 1" nozzle available

FIBERFALL PUMP SIZING

- One gallon per minute, per inch of PowerFall length is the standard for sizing pipe and pump.
- Greater projection of the water sheet can be produced with increased flow rates.
- Polaris recommends the use of a dedicated pump and in-line filter with FiberFall over 36" in length.

TIPS FOR SUCCESSFUL INSTALLATION

- No moving parts, there should be no rattles in the unit
- Only fiber optic cable is to be placed in the lens chamber
- Do not touch lens inside the chamber
- Do not use silicone or pipe dope to thread fiberglass
- Check light distribution before installation under concrete
- Leave excess of 1'-2' fiber optic cable at light source
- For best results, keep length of cable to less than 15'
- Install FiberFall at an angle to normal viewing perspective
- FiberFall nozzle should be placed 18"-24" above pool water
- Install away from bright light sources for optimum results

