



Custom

Custom Picture
Show

Function:

The Picture Show water feature is designed to generate a large, high-quality screen of water for night-time presentation of projected slides, films, or laser images to large gatherings.

Design Considerations:

This patented jet assembly produces a screen, with a nominal height of 25' and width of 50'. The unit is adjustable to allow creation of up to 5 feet of concave displacement at the center to compensate for normal distortion of images projected onto a flat screen. Concave displacement also facilitates single or multiple point projection sources.

The Projection Screen system can be equipped to produce other water features in addition to, or instead of, the screen in order to create an effective visual display during daylight operation.

The electronic system controls can be housed in a direct burial vault (#600 Series Pump Station) adjacent to the lake or reservoir, or in an equipment room designed to house projection equipment. The pumping system incorporates a 20 horsepower dry or submersible pump with appropriate control valves.

The jet assembly, which has angle and height adjustability, in addition to that for concavity, is mounted either on a "permanent" structure in the body of water or on a tethered floating structure. A re-locatable package can be achieved with the use of a submersible pumping system and a floating jet assembly.

The pumping system may be interfaced with the #492-Series Wind Compensation system in order to reduce the amount of water lost from wind-blown spray, by automatically reducing the size of the screen in moderate wind conditions and cutting it off totally in high wind conditions.

Please contact one of our designers for more information on this unique water feature.

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