



Custom

Custom Impulse Jet

Function:

The Impulse Jet produces a 1/2" diameter, clear, non-turbulent stream of water. Through proper setting and modification of the various controls and valves, the jet can be made to issue from the jet assembly intermittently as an arced, rod-like segment. The visual quality of the stream approaches that of a "living" rod of clear plastic or glass. The length of stream segment, the frequency with which it issues, and the direction and angle of trajectory are all adjustable.

Design Considerations:

The Impulse Jet is normally provided as part of an integrated package, consisting of one or more jet assemblies, a splashdown-control mat assembly, a pump/filter assembly, and a programmed electronic control system. These various assemblies are designed and produced to fit the specified requirements of the individual fountain project.

Typically, two or more jet assemblies are installed, each in its own basin or area, then covered with an open-weave mat assembly to hide the "hardware" from view and provide an opening from which the stream emerges, thereby creating a surface on which incoming streams of water can land with practically no splash or noise. The stream lengths and programming cycles are normally set such that the resulting visual effect is of a single stream segment of water "bouncing" from one basin to the next in a closed loop.

There are two basic approaches to designing an integrated Impulse Jet fountain system package. One is to use the basic jet assembly with a remote, "dry" pump/filter PAK (#600-Series Pumping Station or #700-Series Pumping Pad Assembly). The other is to use the submersible pump/filter/jet assembly.

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

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