



Congratulations on
purchasing the finest water
feature for installation in your
project!



1-888-683-0042

Take a few moments to familiarize yourself with this unit and to inventory the parts. Now is a good time to take the brass jet, brass cover plate, and the four mounting screws and store them in a safe place until all lines have been pressure checked and flushed. Install these items at pool start-up.

The AquaStream is designed to be mounted either vertically or horizontally. When mounted vertically it is usually mounted in the pool wall slightly above the water level; when mounted horizontally it is usually mounted on a pool deck. However, the applications are limited only by the installers own imagination - wall cap mounting, in reflection pools, goldfish ponds, and planters are just a few that come to mind.

POOL WALL INSTALLATION:

1. Determine the mean water level of your pool, remembering that mounting it too high might interfere with installation of the coping as well as too low will degrade the performance of the nozzle if it is covered by the water.
2. Choose the desired location for the AquaStream to get the desired effect.
3. Determine the number of AquaStream jets to be used and design the manifold or plumbing loop to accommodate the desired number of jets.
4. Using ½" PVC pipe, connect the AquaStream jets to the plumbing loop or manifold.

Note: When it is desired that the jets provide equal distance water streams, risers should be of equal length. If the risers cannot be of equal length each AquaStream should be valved separately.

Note: Prevent dirt, organic matter, rock or gravel from entering the plumbing lines. Clean pipes of debris and either tape the ends or cap them during construction.

5. With all the plumbing completed, pressure test the system by screwing the 3/8" plugs provided into the nozzle inlet of each AquaStream housing.

INSTALLING IN A DECK:

1. Choose the desired location for the AquaStream jets to get the desired effect.
2. Determine the number of AquaStream jets to be used, and design the manifold or plumbing loop to accommodate the desired number of jets.
3. Mount the AquaStream so that it will be level and at the proper height to match the finished design.

Caution: Protect the surface of the AquaStream housing cover while deck is under construction.

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INSTALLING IN A CONCRETE BEAM:

1. When installing the AquaStream into a concrete beam, layout the center lines of the AquaStream to coordinate with your tile pattern.
2. Cut or form out a 6" x 6" notch through the beam.
3. Attach the ½" feed pipe to the AquaStream, making sure the pipe will extend past the back of the beam.
4. Mud the AquaStream in place. Check level, plumb and center lines during the setting process.
5. If the flange on the AquaStream hinders the placement it may be cut using a hacksaw or jigsaw. Leave at least ½" of flange as this will serve as a water stop (see plumbing the AquaStream).

PLUMBING THE AQUASTREAM:

Water flow and water pressure control the projection of the stream of water. As a rule, 3.4 GPM (for each nozzle) will provide adequate water flow for most projects. See data in Table 1 below.

POOL START-UP:

1. Once the pool water has been cleaned and is ready for start up, remove the threaded 3/8" plug from the AquaStream housing. Flush the AquaStream plumbing to clear the lines.
2. Screw the brass jets into the threaded fittings. Adjust the nozzle alignment and plumbing valves with water running through the AquaStream until the desired projection is reached.
3. Install the brass AquaStream housing cover.

Table 1.

Distance of stream*	6'	12'	19'	25'
Feet of head	4'	8'	12'	16'
GPM	2	3	3.7	4.4

*Stream distance @45 degree angle of projection.

