Pool Waterfall Tech Guide

ARG Pool Waterfalls Have Been Produced For Almost 20 Years
Ports (Inlets) are 1-1/2 in Spigot - PVC Material - One Gallon Per Minute Per Inch

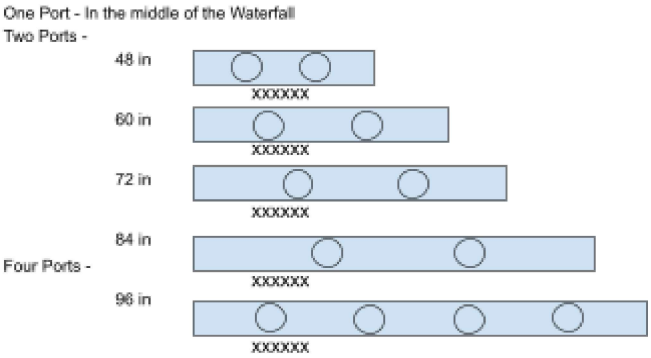
Back Port

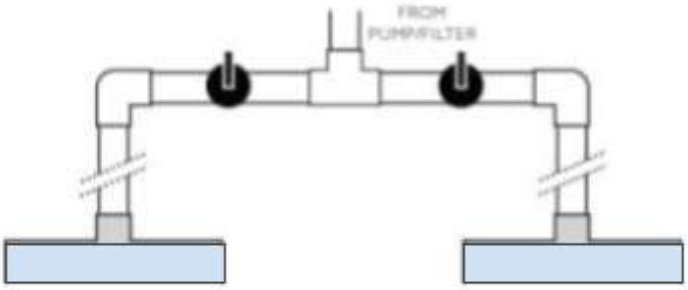
Bottom Port

Because ARG Waterfalls Are PVC, They Are Easier to Cut In The Field vs Competitors.

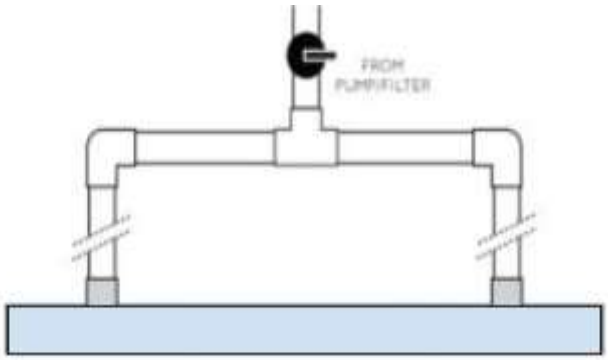
12 in, 18 in, 24 in & 36 in are One Port
48 in, 60 in, 72 in & 84 in are Two Ports
96 in are Four Ports

Suggested Pipe Configuration :
2 Way Valve

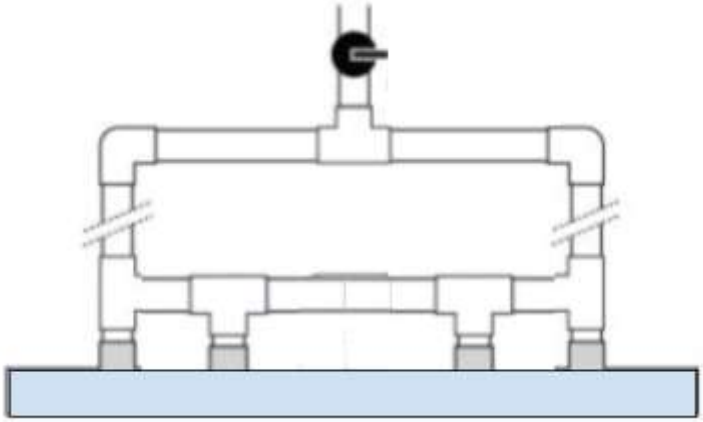




Up to 36 Inch Long



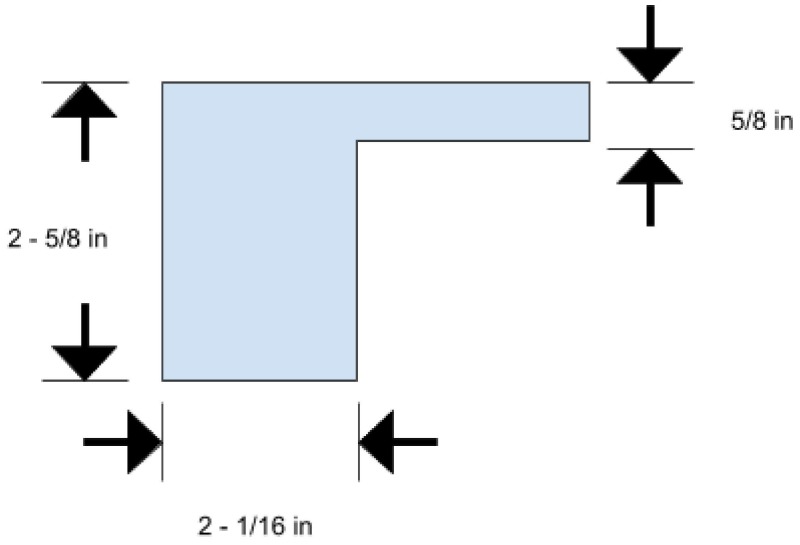
48 Inch - 84 Inch Long



96 Inch Long

Waterfall Measurements

Body



Lip Width 1 Inch = 1 - 1/16” 6 Inch = 6”

Lip Length

Waterfall	Lip Length (inch)
12 in	12.7 inch
18 in	18.6 inch
24 in	24.45 inch
36 in	36.2 inch
48 in	48 inch
60 in	59.85 inch
72 in	71.54 inch
84 in	83.35 inch
96 in	95.24 inch

*Plus or Minus .33 inches

Pool Waterfall Tech Guide

A

Must use filtered water (water must go through a filter before going to the waterfall). A rock trap (A) is provided with each waterfall. This is only to collect the debris from building the pool, not for ongoing maintenance.

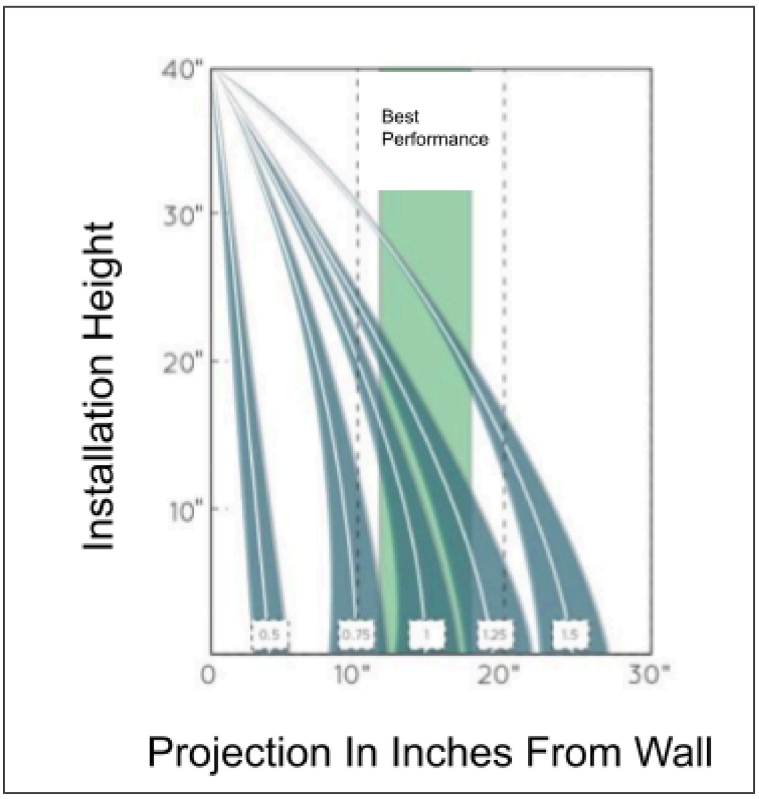
A metal tool (B) is provided for when cutting waterfalls in the field. The supports that keep the lip open must be broken off one inch from the front of the lip. The waterfall tool can also be used to clean the opening of the lip.

B

We recommend using at least one GPM per inch of waterfall. Using less may cause the water to wet the wall, affecting the appearance of the waterfall.

As the water sheet comes out of the waterfall, it will close in, looking like a V pattern.

To minimize this, try more GPM. The higher a waterfall is installed, the more pronounced the V shape will be.



12” & 18” Waterfalls

The flume on these sizes of waterfall is very narrow. For a more traditional appearance, we recommend installing the 12” at max height of 18” (8” projection) and 18” at max height of 24” (9” projection).

Wet Wall Effect

Low flow installations may cause the wall surface to become wet when the waterfall is flowing. For a dry wall effect, it is best to operate at the higher end of the recommended GPM range. At the low end of the recommended GPM range the waterfall flume will still appear good, but you may be in the potential “drip zone.” (Example: For a dry wLL ON A 36” waterfall, 36 GPM or more will give the best results.)

Extended Heights and Projection

For a more dramatic effect, it is possible to achieve increased projection and heights above 40” by increasing the gallons per minute. Results outside of tested parameters may vary.

Test Conditions

Testing was performed in our factory under optimum conditions. Environmental factors such as weather, construction method, hydraulic variations, and different equipment can alter appearance.