

937 235-5050

3943 Old Troy Pike, Riverside, Ohio 45404

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All it takes is some PVC pipe and connectors. You can add a water attachment system and create sprinkler poles for your own sprinkler run and outdoor water park. All it takes is the right hose attachment and drilling some pin-holes in some of the 36" pipe.

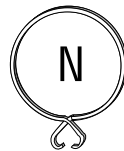
If you don't care to make this kit a water item, skip the hose attachment parts and you don't need to drill holes in any of the pipes. However, you will still want a total of 20 of the 36" pipes.

Here is a parts list and description of the parts you will need. You can find most of these parts at any store that carries plumbing supplies. PVC comes in much longer lengths than you need. It will need to be cut to these lengths. If it is a good store, you can also get them to cut the pipe length for you--otherwise you will need to purchase PVC cutters.

Instruction sheets for some basic "fort" ideas follow but use your imagination--or better yet, let your kids use their imaginations to create their own fort or back yard water park.

Parts List

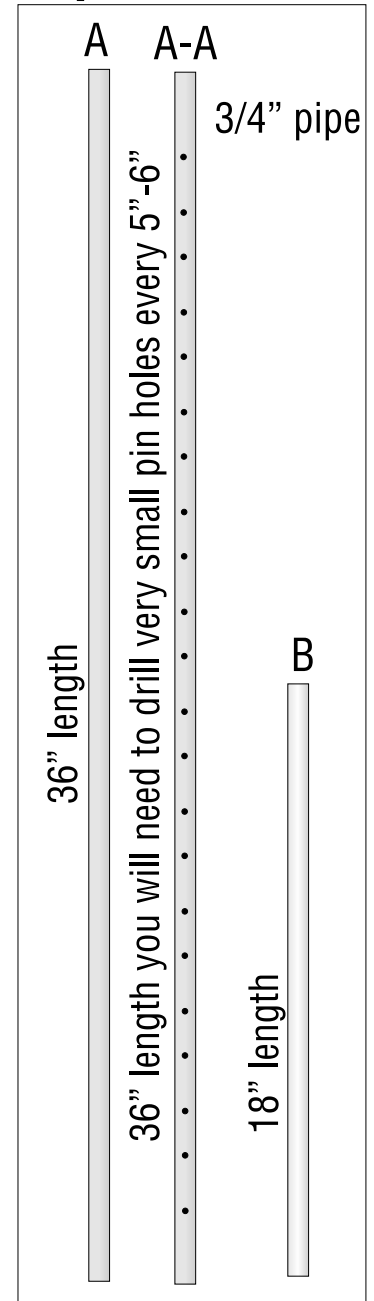
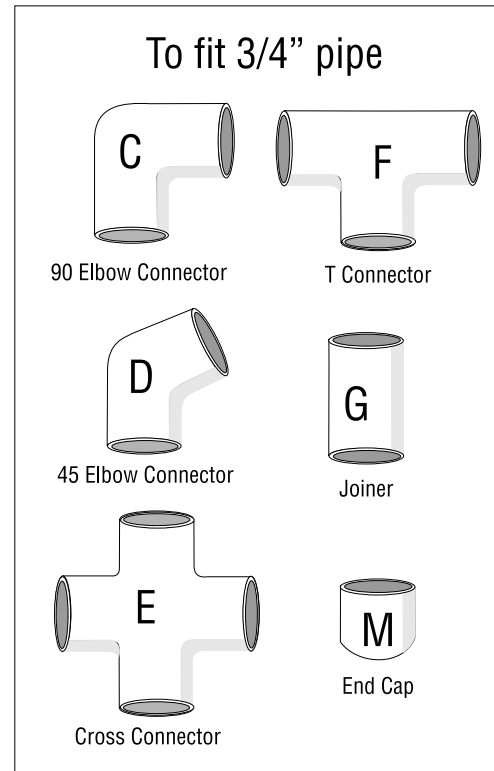
Part	Quantity
A	16
A-A	4
B	6
C	6
D	9
E	2
F	6
G	4
H	4
I	4
J	1
K	1
L	1
M	1



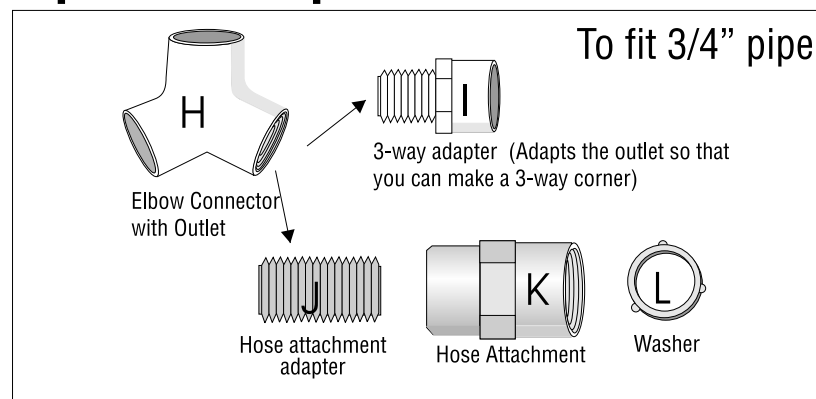
Curtain Rings

Slip on to cross bars to better hold blankets or cloth.

Standard Connectors Pipe Pieces



Special Adapters and Connectors



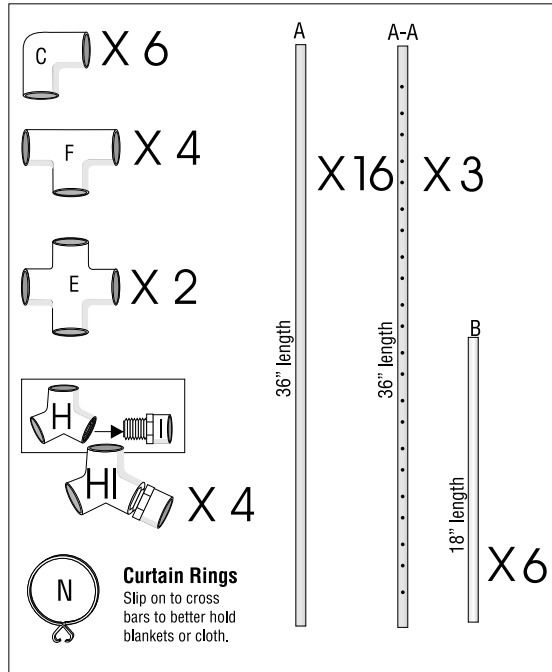
Basic Fort Frame

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Parts Needed to Make Basic Fort Frame

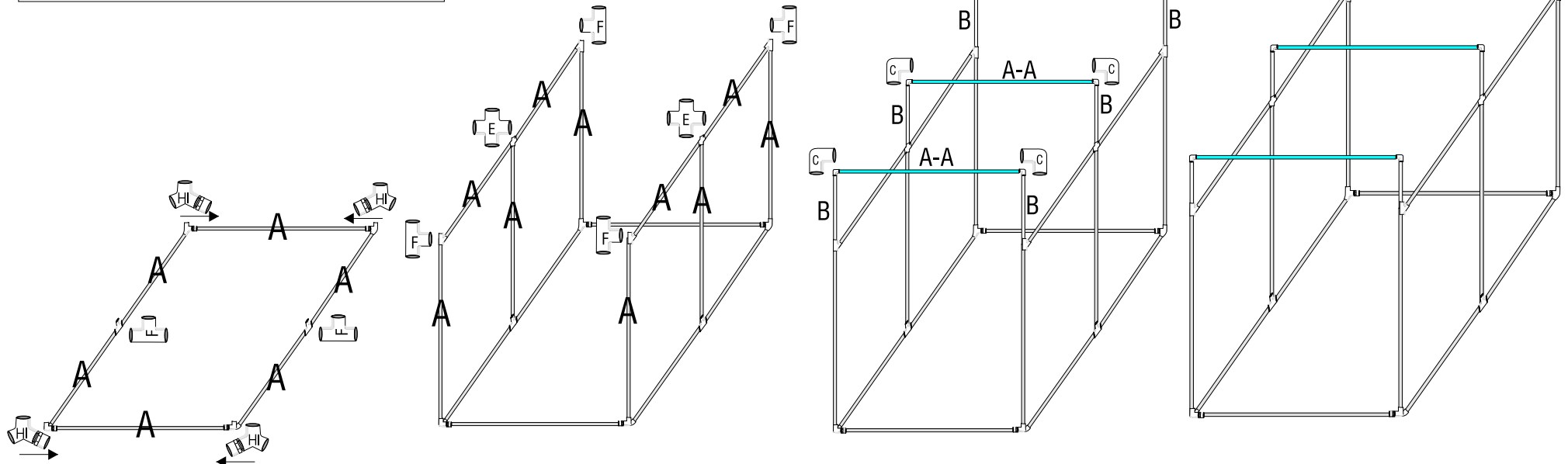


Building a basic frame is as simple as using the right connectors and poles. I started from the bottom and worked my way up.

Create the bottom frame by using elbow connectors with the three-way adapter on the four basic corners and 90 degree elbow connectors in the center sides.

Just follow the diagrams below.

I've assumed that you wanted your kit to work with water as well as without so, in order to have enough 36" pipes, I'm indicating the use of AA pipes. If not, simply use A pipes in place of the AA (you will need a total of 19 x 36" pipes).



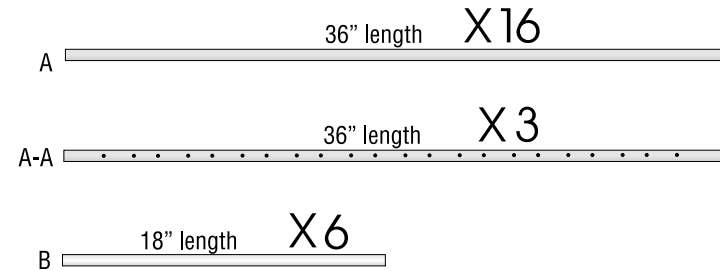
Basic Water Run

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Parts Needed to Make Basic Water Run

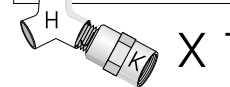
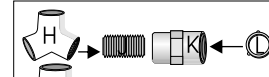
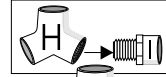


C X 6

F X 6

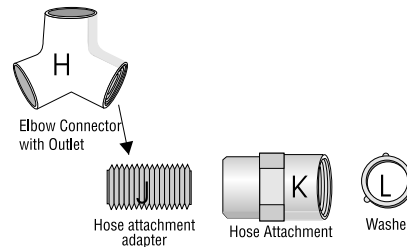
E X 2

M X 1



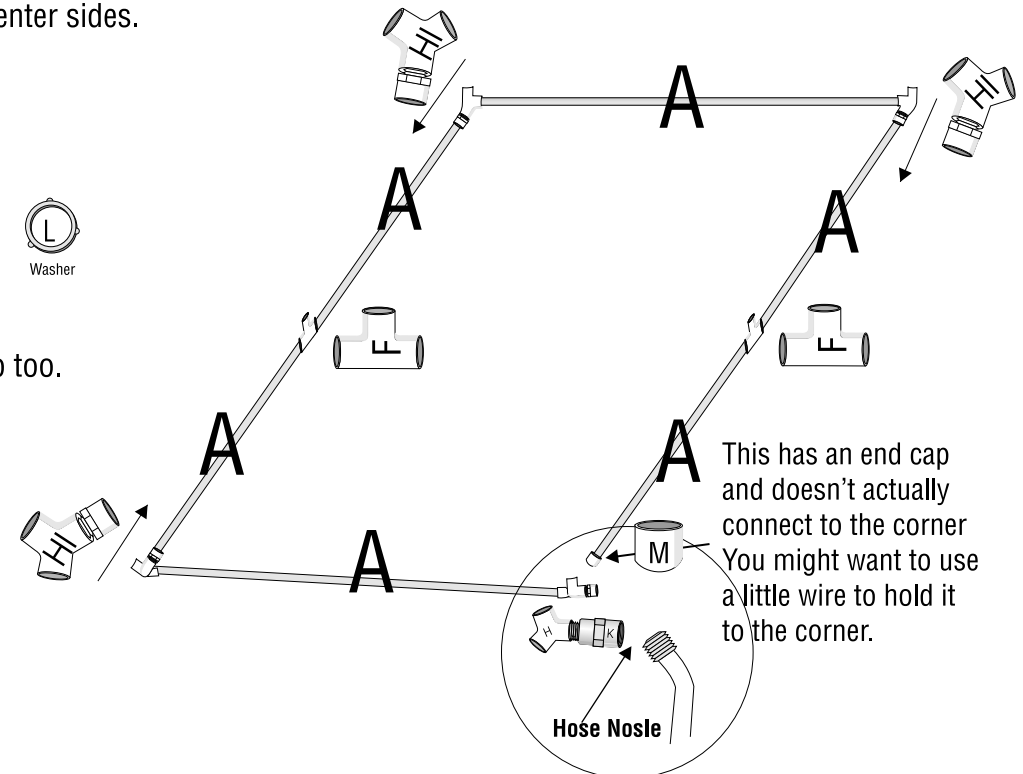
The basic water run is just the basic fort frame with a water attachment at one corner. the bottom frame is built the same, using the elbow connectors with the three-way adapter on the four basic corners and 90 degree elbow connectors in the center sides.

The difference is that one corner uses the hose attachment adapter, Hose attachment and a washer so that the pvc can connect to any standard garden hose.



The other difference is that three of the 36" pipes need to have pin-holes drilled into them. I used a dremel with a tiny drill bit for mine but a regular drill with a fine bit will do too.

You don't want the holes to be too big or you will have water pressure problems (you need the water pressure to build up a bit so that it makes it all the way through the final unit).



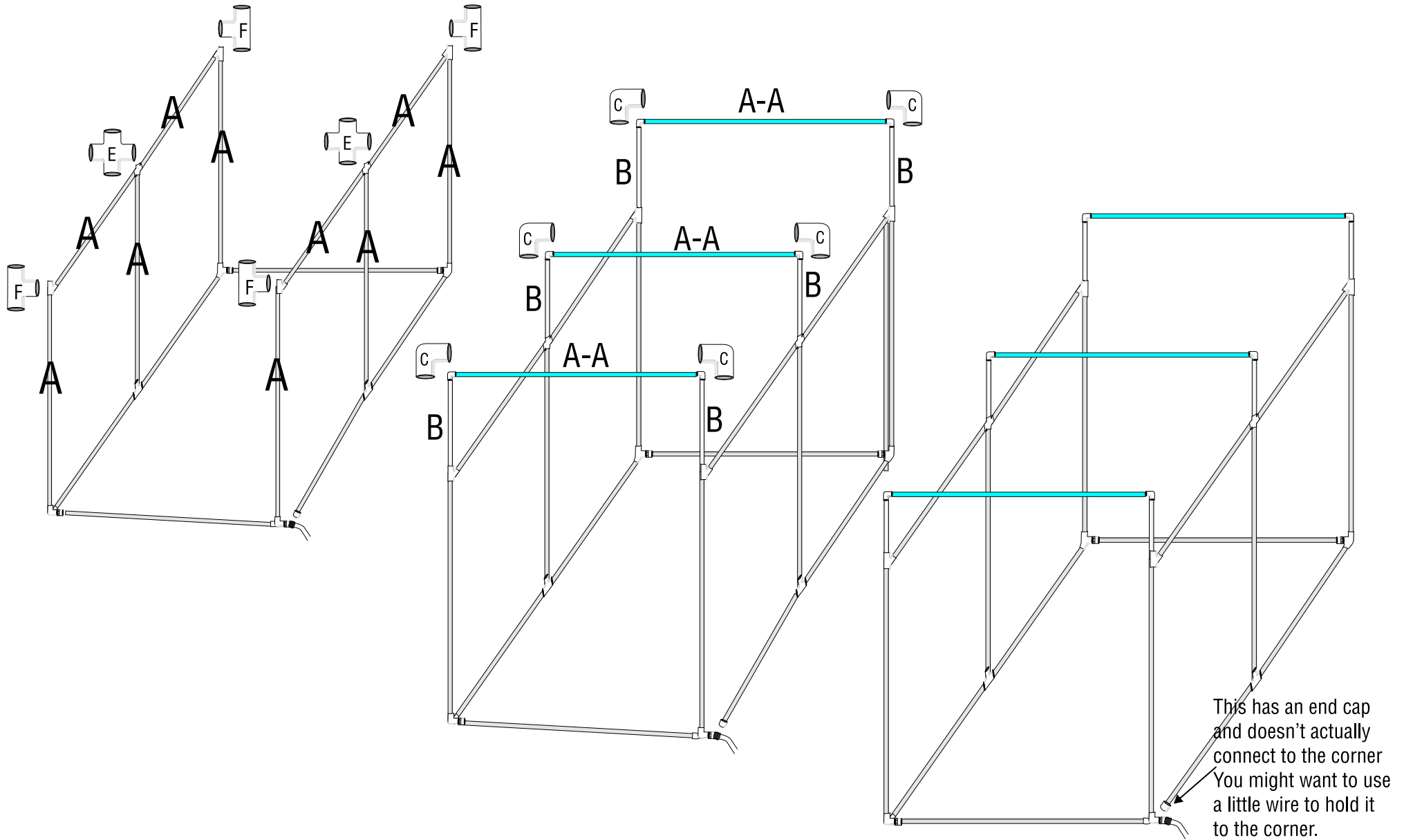
Basic Water Run

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Once the water attachment is on, the frame assembles the same way the basic fort frame does. The top three cross bars have the holes drilled in them. You can adjust the tilt of those bars to change the direction the showers comes down.



Large Water Run

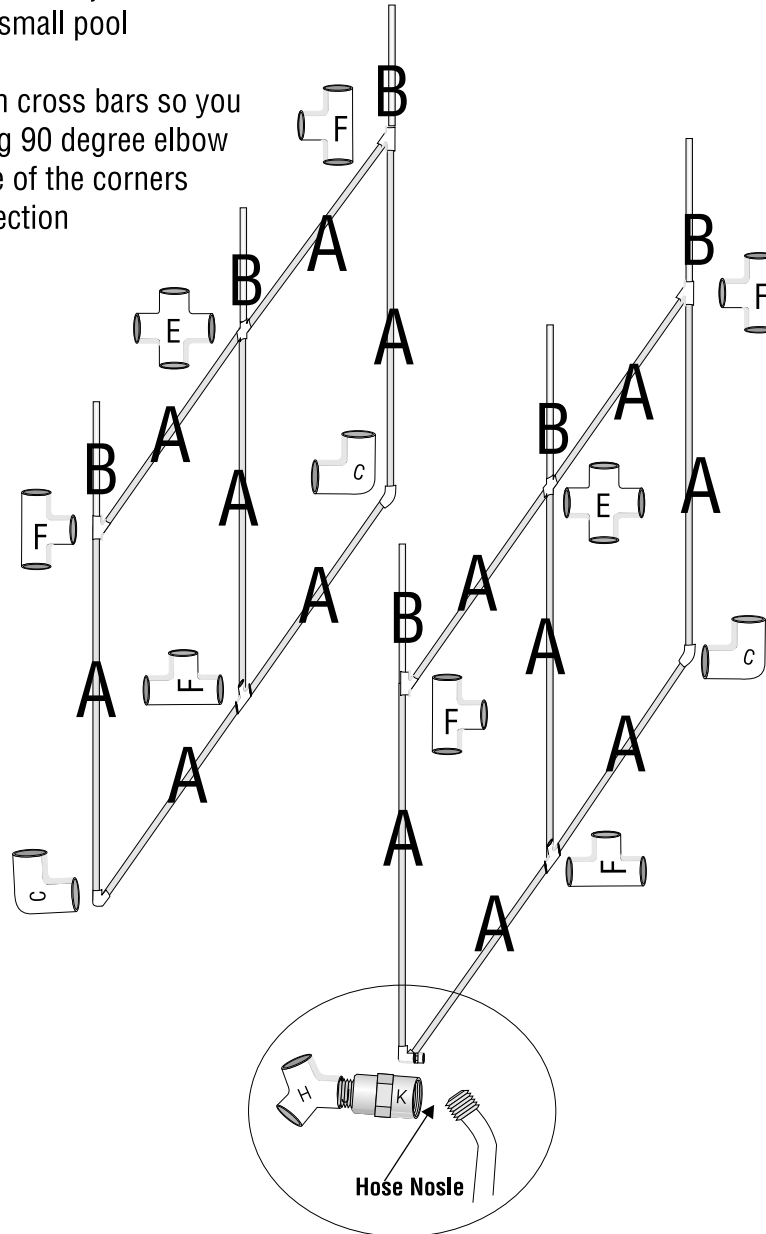
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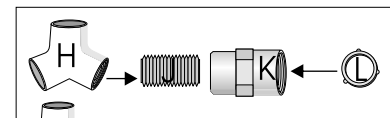
The biggest difference with this unit is it uses the 45 degree angle elbow joints. This allows you to put it over a small pool

There are no bottom cross bars so you build the sides using 90 degree elbow connectors on three of the corners and the water connection unit on one.



Parts Needed to Make Large Water Run

- A 36" length X14
- A-A 36" length X4
- B 18" length X6
- C X 3
- D X 9
- F X 6
- E X 2
- H X 1

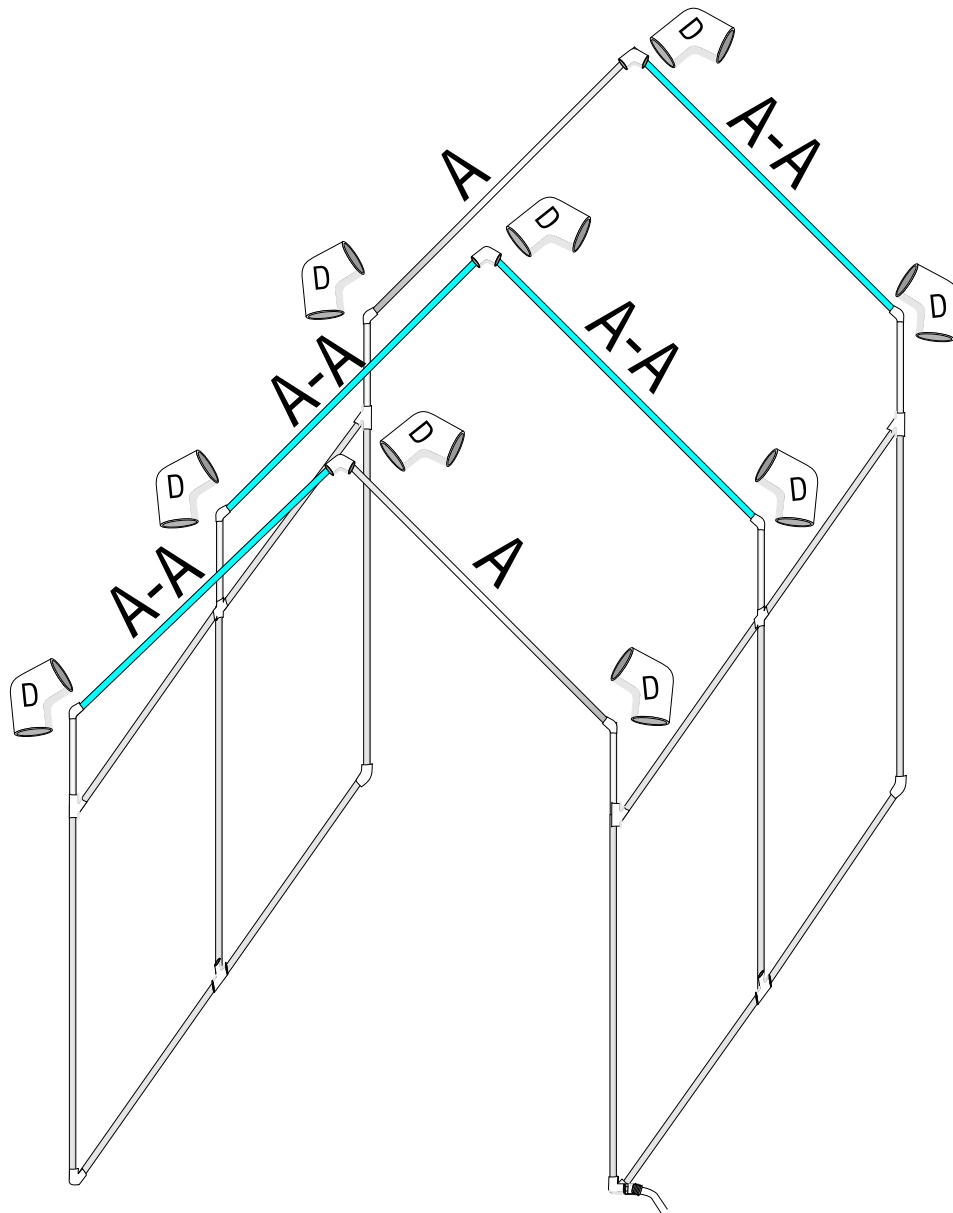


Large Water Run

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I recommend only using four sprinkler pipes (AA) total. Using more than that will give you water pressure problems and the water won't make it all the way through the whole unit.

