A Penny Saved- How to Build a Water Table

Wearing safety glasses, cut the 30’ PVC pipe with a hacksaw as follows:

- 2 – 30” side supports
- 2 – 28” bottom supports
- 2 – 16” side supports
- 4 – 14” legs
- 4 – 2½” bottom supports
- 2 – 3½” bottom supports
- 4 – 3” vertical supports

Apply the NSF cement primer and PVC pipe cement in a well-ventilated area and wear rubber gloves to protect your hands. When combined, these two products will create the glue compound. Gluing pipes together is done in the following manner:

a. Use the NSF cement primer’s applicator brush and slather the 2 pipes you wish to connect.

b. Use the PVC cement’s applicator and slather the pipes on the same area.

c. Apply pressure to connect the pipes and hold for 10 seconds.

Create the top, rectangular support layer by gluing the following:
a. 4 - 90 degree elbows to 4 - T joints making 4 - elbow/T joints.
b. 2 – 30” side supports to the T joint end of the elbow/T joints
c. 2 – 16” side supports to the elbow ends. Make sure the T joints are all facing down.
d. Attach the remaining parts to create a rectangle.
e. Glue 4 – 3” pipes to the bottom of the T joints.

Form the bottom support layer:
  a. Take 2 – 2.5” pipe segments, 1 – 3.5” segment and 2 – T joints.
  b. Form a line, connecting a length of pipe into the end of a T joint so it creates the pattern: 2.5” Pipe > T joint > 3.5 “ Pipe > T joint > 2.5” Pipe.
  c. Take 2 more T joints, and connect the center opening to either side of the line. Before the glue sets, rotate the two end T joints so their open holes point up.
  d. Repeat these steps to make the other side.
  e. Using the 2 – 28” pipe segments, connect the two sides by way of the two middle T joints. These will act as support cross bars.
Connect the two layers:
  a. Place the top rectangle upside down, so the 4 – 3” pipe segments are sticking up.
  b. Using a brush apply glue to the top of each pipe.
  c. Lower the support layer onto the rectangle, making sure that all of the 4 pegs are inserted into the open holes of the T joints.

Add the legs:
  a. With the tabletop still lying upside down, coat the inside of the 4 open T joints with glue.
  b. Insert one of the 4 – 14” pipe segments into each of the holes, to create the legs.
c. Lightly tap each one into place, to ensure the table’s legs are even.

Add the bucket:
  a. Flip the table right side-up and place the bucket into the rectangle, resting it on the two cross bars.
  b. Using a drill, cut a hole into the bottom of the bucket. Make sure the diameter of the drill bit is the same size as your pre-selected sink stopper.
  c. Push the sink stopper into the hole you have just filled.

Add water and enjoy!