



Automatic Watering System Supplies

*Plan your system first and use the measurements and number of beds you'll be watering to fill in the amounts of the supplies below.

PVC Supplies

— **of 3/4-inch, 10-ft PVC Pipe Lengths**
(You can do 8-ft. if that's what will fit in your car, but you may need to buy more—using 10ft lengths allowed us to buy less.)

The following pieces should all connect with the 3/4-inch sized pipe:

— **of Right Angle Turns (or “elbows”)**

— **of 3-way “T” Junctions**

— **of 4-way Cross Junctions**

— **of Threaded Right-Angle Turn Pieces (1 for each bed)**

1 can of PVC primer

1 can of PVC glue

1 Plastic Pipe Cutting Tool, if needed

Watering Supplies

1 Automatic Timer, preferably Gilmour (single hose or double, whatever your garden needs)

— **of On/Off Valves (one for each bed)**

— **of 25-foot Soaker Hoses, 1 for each 6-10-foot bed)**

(Note: In our area, it's hard to find 25-ft. soakers, so we bought 50-ft. hoses and include supplies to cut them in half - you won't need the male/female ends if you can find 25-ft. sizes - OR if your beds are long enough to need 50-ft. hoses)

— **of Male Hose End Repair/Replacement Fitting - optional**
(1 for every 50-ft soaker hose you cut in half)

— **of Female Hose End Repair/Replacement Fitting - optional**
(1 for every 50-ft soaker hose you cut in half)

1 One-Way Flow Control Valve

Short Piece of Hose - to go from PVC in ground up to timer (and any male/female repairs needed if cutting it)

Other Supplies and Tools

— **of 3/4-inch (to fit PVC pipe) U-shape brackets (1 for each bed)**

Box of 1/2-inch Screws

Drill or Impact Driver

Narrow Shovel and/or Adz/Pick

Sand

Rope or String to use as a guide line