

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.)
- ___ 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**

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

- ___ of **Right Angle Turns (or “elbows”)**
- ___ of **3-way “T” Junctions**

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)
- Narrow Shovel and/or Adz/Pick**
- Sand**
- Rope or String to use as a guide line**
- Hose End Caps**
- Box of 1/2-inch Screws**
- Drill or Impact Driver**
- Metal u-brackets**