



HOW TO INSTALL A DRIP IRRIGATION SYSTEM



Save water. Save time. Grow healthy vegetables!

WHY USE DRIP IRRIGATION?

- ✓ Delivers water right to the roots
- ✓ Reduces evaporation and runoff
- ✓ Saves water up to 50%
- ✓ Keeps leaves dry & reduces disease
- ✓ Saves time and easy to use



WHAT YOU'LL NEED



Water Source



Backflow Preventer



Pressure Regulator



Filter



Mainline Tubing



Drip Tubing



Emitters or Drip Tape



Connectors & Fittings



End Cap (Flush Cap)

1 PLAN YOUR LAYOUT



- Measure your garden beds.
- Plan where the mainline and drip lines will go.
- Place the water source near your system.

2 CONNECT TO WATER SOURCE



- Attach the backflow preventer to the faucet.
- Add the pressure regulator (25–50 PSI is ideal).
- Attach the filter.
- This protects your system and keeps it clean.

3 LAY THE MAINLINE TUBING



- Run the mainline tubing along your rows or down the center of the bed.
- Secure with landscape staples or clips.
- Use elbows for corners.

4 ADD CONNECTORS



- Use a punch tool to make a hole in the mainline.
- Insert a barbed connector or drip line adapter.
- This is where your drip lines will attach.

5 RUN THE DRIP LINES



- Attach drip tubing or drip tape to the connectors.
- Run along each row of plants.
- Space lines 8–12 inches apart.

6 INSTALL EMITTERS (If using drip tubing)



- Insert emitters where each plant is located.
- Common flow rates: 1 or 2 gallons per hour.
- Push emitters in firmly.

7 SECURE & FLUSH THE SYSTEM



- Close the end of each drip line with an end cap.
- Turn on the water.
- Flush the system for 2–5 minutes to clear out dirt and debris.

8 CHECK FOR LEAKS



- Walk the system and check all connections.
- Look for leaks or kinks.
- Fix any issues.

9 MULCH AROUND PLANTS



- Add mulch around your plants to retain moisture.
- Avoid covering emitters.
- This helps keep soil evenly moist and reduces weeds.

10 TEST & ENJOY!



- Test your system regularly.
- Adjust emitters if needed.
- Enjoy a healthy, productive garden with less work!

WATERING TIPS



- Water early in the morning.
- Water deeply, less often.
- Adjust run time as seasons change.
- Check and clean the filter monthly.

EXAMPLE LAYOUT



GOOD HABITS = GREAT HARVESTS!

- ✓ Monitor your plants.
- ✓ Keep the system clean.
- ✓ Make seasonal adjustments.
- ✓ Your plants (and water bill) will thank you!

