

Installation Instruction for Soaker Hose Quick Connector Kit

1. Kit Overview & Pre-Installation Preparation

1.1 Kit Components Checklist

Before installation, confirm all components are included (avoid missing parts affecting operation):

3/4" two-way hose splitter with shut-off valve: 3 pieces

3/4" quick male connector: 8 pieces

3/4" quick female connector: 8 pieces

3/4" end cap: 4 pieces

Seal tape: 1 roll

1.2 Key Compatibility Info

Adapter for Soaker Hose: Designed for 1/2" soaker hoses with inner diameter (ID) 11.8mm – 12mm and outer diameter (OD) 16mm – 16.8mm.

Thread Standard: All 3/4" connectors adopt GHT (Garden Hose Thread) standard, compatible with any standard faucet or garden hose.

1.3 Pre-Installation Checks

Inspect components: Ensure connectors, splitters, and end caps have no cracks, deformed threads, or damaged seals (defective parts may cause water leaks).

Prepare the soaker hose/garden hose: Check the hose for blockages, severe wear, or spray holes (mark damaged sections if repairing).

Clean interfaces: Wipe faucets, hose ends, or splitter threads with a dry cloth to remove dirt/debris (ensures tight sealing).

2. Installation Scenarios & Step-by-Step Guide

This kit supports two main scenarios: repairing damaged 1/2" hoses and setting up two-way split irrigation. No tools are required—all installations are manual.

Scenario 1: Repair Damaged 1/2" Soaker Hose/Garden Hose

Use quick male + female connectors to fix hoses with spray holes, leaks, or uneven water flow.

Step 1: Cut the Damaged Section

Locate the damaged part of the hose (e.g., spray hole, leaky segment).

Use sharp scissors to cut the hose perpendicularly at 1 – 2 inches away from the damaged area (ensures clean, flat ends for tight connection).

Step 2: Install Quick Connectors

Take one 3/4" quick male connector and one 3/4" quick female connector.

For the male connector: Push one cut end of the hose firmly into the male connector's hose sleeve until it cannot go further (ensure the hose covers the connector's inner sealing ring).

For the female connector: Repeat the same operation—push the other cut end of the hose into the female connector's sleeve (confirm a tight fit to prevent leaks).

Step 3: Connect the Two Connectors

Align the male connector's thread with the female connector's thread.

Rotate the connectors clockwise by hand to tighten (stop when you feel resistance—do not over-tighten to avoid damaging the plastic threads).

Test for leaks: Connect the repaired hose to a faucet, turn on low water pressure, and check the joint for water seepage (if leaking, re-tighten or re-install the connectors).

Scenario 2: Set Up Two-Way Split Irrigation (Use 3/4" Two-Way Splitter with Shut-Off Valve)

Use the two-way splitter to control irrigation in two different areas independently (meets different water needs of plants).

Step 1: Install the Splitter to the Faucet

(Optional) Wrap seal tape around the faucet's male thread: Wrap the tape clockwise 2 – 3 times (enhances sealing, reduces leaks).

Take one 3/4" two-way splitter. Align the splitter's inlet thread (single end with GHT standard) with the faucet's thread.

Rotate the splitter clockwise by hand to tighten — ensure it is snug (do not use tools; over-tightening may crack the splitter).

Step 2: Connect Hoses to the Splitter's Outlets

The splitter has two outlets (each with a shut-off valve). For each outlet:

(Optional) Wrap seal tape around the outlet's thread (if connecting to a garden hose/soaker hose with a connector).

Connect a standard garden hose or 1/2" soaker hose (equipped with 3/4" GHT connector) to the splitter's outlet.

Tighten the hose connector by hand until secure.

Step 3: Control Irrigation Independently

Use the splitter's two shut-off valves to adjust water flow for each area:

Turn the valve clockwise to close (stop water flow to that outlet).

Turn the valve counterclockwise to open (adjust the opening angle to control water pressure).

Test the system: Turn on the faucet, open one valve at a time, and check for leaks at the splitter-faucet joint and splitter-hose joints.

Scenario 3: Seal the End of a Soaker Hose (Use 3/4" End Cap)

Use the end cap to block the unused end of the soaker hose (prevents water waste).

Step 1: Prepare the Hose End

Cut the end of the soaker hose flat with scissors (if the end is uneven or frayed).

Wipe the hose end clean to remove debris.

Step 2: Install the End Cap

Take one 3/4" end cap. Push the hose end into the end cap's sleeve until it is fully seated (covers the cap's inner seal).

Rotate the end cap slightly by hand to ensure a tight fit.

Test for leaks: Connect the hose to a faucet, turn on low pressure, and check the end cap for water seepage.

3. Post-Installation Checks & Maintenance

3.1 Leak Test

After installation (any scenario), turn on the faucet to low water pressure first.

Check all joints (connector-hose, splitter-faucet, splitter-hose, end cap-hose) for leaks.

If leaking:

For thread joints: Re-tighten by hand or add 1 – 2 more wraps of seal tape.

For hose-sleeve joints: Pull the hose slightly to confirm it is fully inserted (reinsert if loose).

3.2 Maintenance Tips

After use, disconnect the kit components from the faucet/hose (especially in cold weather to prevent freezing damage).

Clean connectors/splitters with water to remove dirt, then dry them with a cloth.

Store components in a dry, cool place (avoid direct sunlight or extreme temperatures—prolongs service life).

4. Important Safety Notes

Do not use the kit for hoses larger than 1/2" (OD >16.8mm) or smaller than the specified size (ID <11.8mm)—improper fit causes leaks or hose damage.

Do not exceed the maximum water pressure of the kit (typically 80 PSI, compatible with standard household water pressure). High pressure may burst connectors or hoses.

Keep components away from children—small parts (e.g., end caps) pose a choking hazard.

When cutting hoses, use sharp scissors and avoid hand contact with the blade to prevent injury.