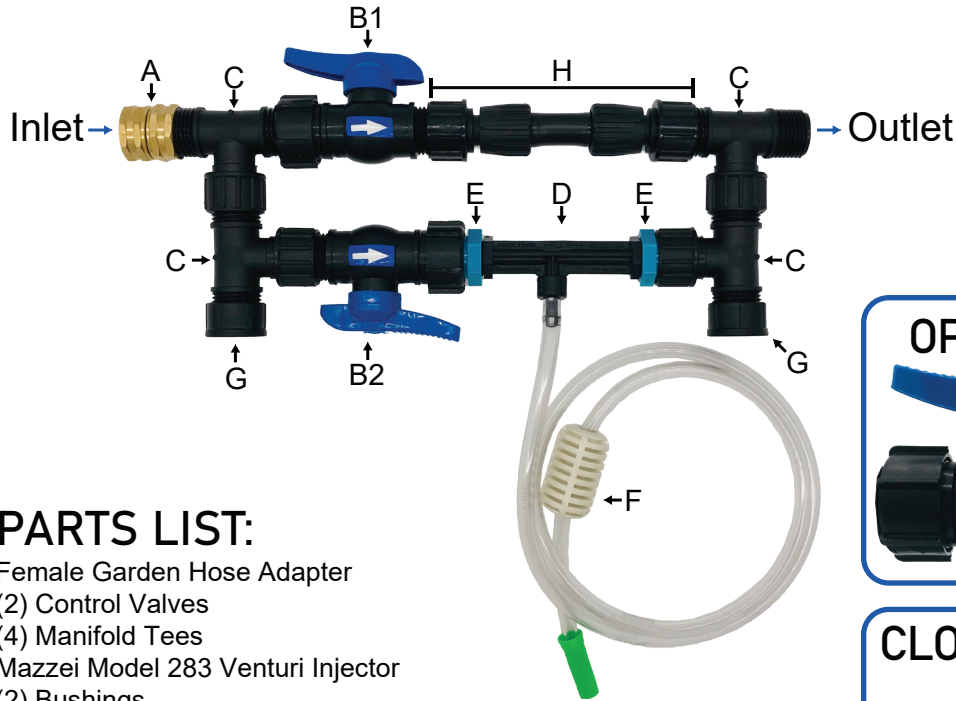


For use in irrigation systems to inject liquid fertilizer/chemicals in line. Ready to hook to garden hose faucet; can be adapted to plumb to PVC. Easy to install and use.

INJ-SAVVYJECT-2022 SAVVYJECT INJECTOR-2022

ALL SAVVYJECTS COME PRE-ASSEMBLED

For technical assistance please call 800-SAY-RAIN (729-7246).



PARTS LIST:

- A. Female Garden Hose Adapter
- B. (2) Control Valves
- C. (4) Manifold Tees
- D. Mazzei Model 283 Venturi Injector
- E. (2) Bushings
- F. 4 ft 1/4" Suction Tubing w/Screen and Weight
- G. Hose Caps
- H. Mainline Manifold

INSTRUCTIONS

1. Attach the female garden hose adapter (A) to the inlet of the injector loop and to the male garden hose outlet on the existing water supply (see flow arrows on valves for proper plumbing direction). This should be installed before any pressure regulating device on the system.
2. Turn on water source and allow the system to come to pressure (fill lines). Mainline valve (B1) should be in the open position and injector loop valve (B2) should be in the closed position.
3. Place the 1/4" suction tubing with the screen and weight (F) into the container with solution to inject.
4. Open the injector loop valve (B2) fully and slowly close the mainline valve (B1) until the injector begins to siphon ("suck") at the desired rate.
5. When the injection cycle is complete, open the mainline valve (B1) and close the injection loop valve (B2) to allow all flow to bypass the injector loop. Run the water long enough to flush the injected solution through the system (typically 15-30 minutes).
6. Hose Caps (G) may be removed and replaced with pressure gauges to monitor pressure differential across the injector loop (see website for options).

Call 1-800-SAY-RAIN for help or to find other products

HOW IT WORKS - The Savvyject is a venturi style injector. It operates by creating a region of negative low pressure which allows liquid fertilizer and other chemicals to be drawn into the irrigation water through a single suction line.

COMPONENTS - The Savvyject comes preassembled with a model 283 Mazzei injector, control valves, suction line with screen and adapters to hook to an existing 3/4" garden hose connection.

TECHNICAL INFO - For the model 283 Mazzei injector a minimum water flow rate of 20 GPH and a pressure drop of 15 PSI between the inlet and outlet on the injector loop is required to operate. The chemical injection rate for the model 283 Mazzei is between 1- 6 GPH, depending on how the main control valve #1 is adjusted (close = faster injection, open = slower injection rate).

EASY TO INSTALL - Equipped with 3/4" Female and Male garden hose fittings, the Savvyject may be installed on existing 3/4" hose bibs, spigots, and garden hoses. The included suction tubing with screen is placed into the container of liquid fertilizer or other chemical to be injected. The Savvyject can be adapted to pipe thread or other type connections with adapters (sold separately). A backflow preventer is recommended to prevent backflow into your water source and should be selected based on your local code requirements (not included).

OPEN VALVE:



CLOSED VALVE:

