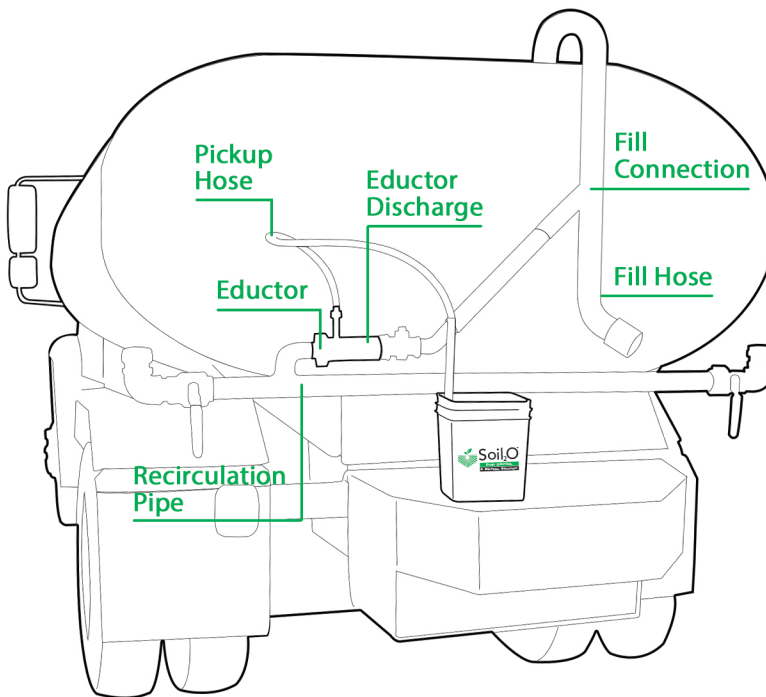




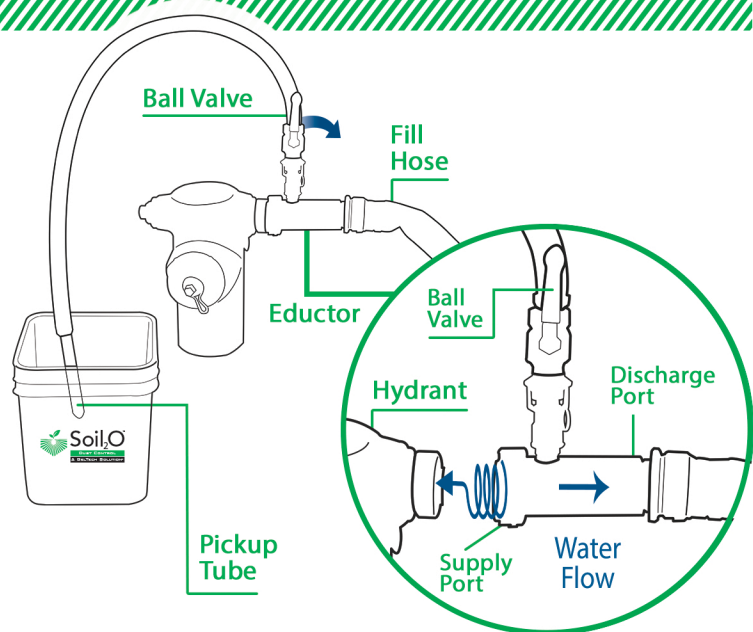
CONNECT TO A WATER TRUCK



- 1 Fill tank with water.
- 2 Attach the Eductor Supply Port to the Recirculation Pipe on the water truck, with the arrow on the Eductor pointing in the direction of water flow into the tank.
- 3 Ensure that the ball valve on the eductor is CLOSED and the suction port is in the upright position.
- 4 Attach a Fill Hose from the discharge side of the Eductor to the Fill Connection on the water truck.
- 5 Connect Fill Hose and ensure there are no kinks or restrictions.
- 6 Start the vehicle's engine.
- 7 Activate the PTO and set the throttle at 1,500 RPMs (IMPORTANT: Keep RPMs at a steady 1,500 while educting the powder out of the pails. A reduction in the engine's RPMs may reduce the suction strength and could cause the suction hose to clog).
- 8 Once water is flowing, continue to "Eductor Operation" on page 2.

CONNECT TO A HYDRANT

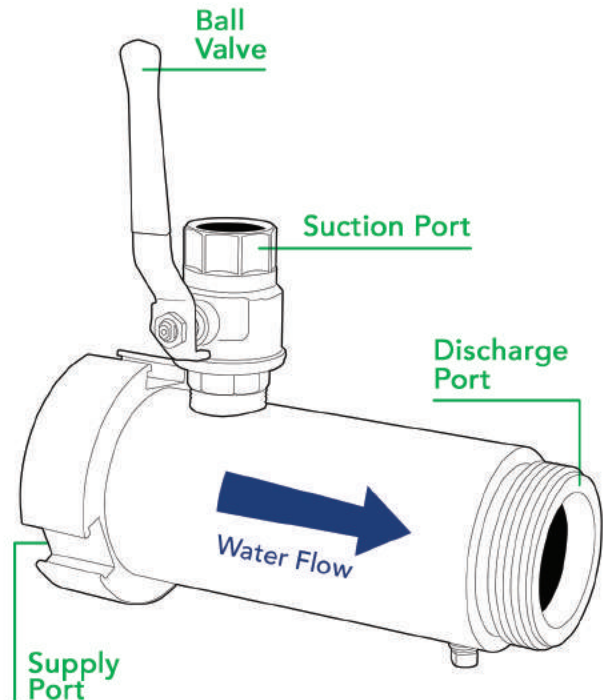
- 1 Attach the eductor supply port to hydrant supply with the arrow on the eductor pointing in the direction of water flow into the tank.
- 2 Ensure that the ball valve on eductor is CLOSED
- 3 Attach a fill hose from the discharge side of the eductor to the fill connection pipe on the water truck.
- 4 Stretch / lay all hoses in the ready position to relieve kinks or restrictions (rigid hose is preferred).
- 5 Slowly open hydrant to start water flow through eductor. Continue until water flows fully and freely through eductor.
- 6 Once water is flowing, continue to "Eductor Operation" on page 2.





EDUCTOR OPERATION

- 1 Before opening, tip the bucket on its side to loosen powder.
- 2 With pail upright, remove plastic ring from pail and open.
- 3 With water flowing through the eductor, slowly open the Ball Valve on the Suction Port.
- 4 Connect the pickup hose to the suction port. DO NOT educt powder if there is water in the Pickup Hose; the inside of the hose must be completely dry before use to avoid clogs.
- 5 Slowly vacuum Soil₂O powder from the pail using the Pickup Hose.
- 6 After educting powder into the water truck, CLOSE the Ball Valve while water continues through the eductor.
- 7 Disconnect the Pickup Hose from the Suction Port.
- 8 **Fire Hydrant Only:** With the Ball Valve closed, turn off the water flow from the hydrant when the water vehicle is filled to the required amount. Disconnect the Fill Hose from the water truck.
- 9 Recirculate water / Soil₂O Dust Control solution for approximately 10 minutes prior to application to soil surface (water truck PTO can be run at idle when circulating).



CLEANOUT • MAINTENANCE

The eductor should be cleaned regularly to ensure proper performance:

- 1 Remove all fittings and flush Ball Valve and eductor body with water (DO NOT remove the Allen Screw holding the collar onto the eductor body) after each use. Use the pipe brush provided to clean excess gel if necessary.
- 2 If powder becomes clogged in the Pickup Hose, use a pipe brush to clear the clog. Hoses can be replaced with any clear, rigid 3/4" hose. The inside of the hose MUST be completely dry before use.

Safety Recommendations

Follow recognized safety procedures.
Use appropriate Personal Protective Equipment, including safety glasses or goggles and particle masks.

Eductor Specifications

Anodized Aluminum Eductor (FI-ES-HV)
Inlet (female) 2.5" NPT threads
Discharge (male) 2.5" NST threads

