



ALLIED PRECISION INDUSTRIES, INC.
 705 E. North Street
 Elburn, IL 60119

INSTRUCTIONS FOR KOZYFILL™

Model 7KF

Setup and Operation

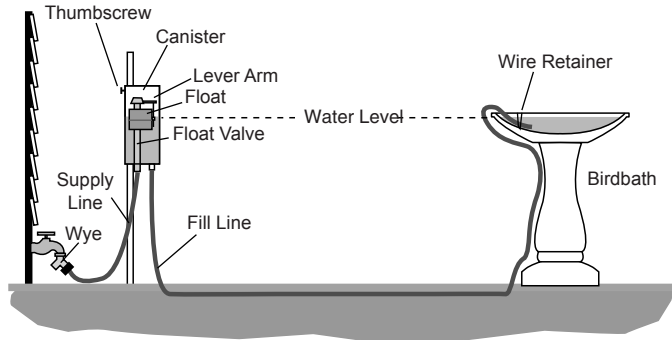


Figure 1

KOZYFILL PARTS

- Assembled Canister with Cap and Thumbscrew
- Three (3) pole sections
- 50 ft. of tubing
- Faucet wye with shutoffs
- Faucet-to-tubing Push-in Connector
- Two (2) Wire Mounts
- Bubble Separator T-connector with Fill Tube and Air Tube
- Fill Valve Nut
- Cone Washer

KOZYFILL SETUP

Please read all setup instructions before beginning.

Mount the Canister

1) For best operation, position the KozyFill canister behind a tree or bush within approximately 20 feet of the birdbath. (Placing it farther away may result in slower filling.) Tap the stake firmly into the ground at the desired point and insert the two pole sections such that the assembled pole is vertical. Also, unwind the tubing from the Canister and lay it in the sun to straighten.

2) Push one end of the tubing into the Fill Line Connector on the bottom of the Canister (see Figure 2). Make sure it is pushed in all the way. Lay the coil of tubing on the ground for now.

3) Slide the Canister onto the pole and lower it until the middle of the Canister is approximately the same height as the rim of the birdbath. Tighten the Thumbscrew to hold the Canister in place (refer to Figure 1).

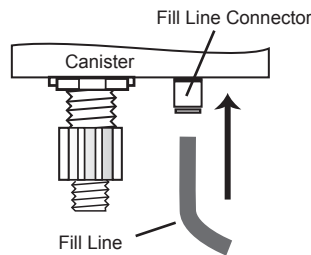


Figure 2

Attach the Fill Line

4) The Bubble Separator with the Air Tube and Fill Tube is shown in Figure 3. Using the two Wire Mounts, attach the Air Tube and Fill Tube to the side of the birdbath as shown in Figure 4 by bending the Wire Mounts to fit the side of the birdbath (see Figure 4). It is important that the T-connector be suspended **below** the birdbath basin. The Fill Tube exits from the side of the T-connector and should be mounted such that it hugs the rim of the birdbath as depicted in Figure 5. It may be cut to a convenient length as needed. The Air Tube should be positioned, or trimmed, so that it extends one inch above the Fill Tube where it crosses the rim (see Figure 4).

IMPORTANT: Over time, air bubbles form in the Fill Line and are trapped at the point where the Fill Tube crosses the rim of the birdbath. The resulting air pocket can cause the Fill Tube to lose prime and cease operation. The Bubble Separator is designed to remove these bubbles from the water stream before they can collect in the Fill Tube, however, some bubbles may form in the Fill Tube itself. For uninterrupted operation, you should reprime (see Step 17) the system once a week, or as needed, to flush any bubbles out of the Fill Tube.

5) Uncoil the Fill Line tubing (from Step 2) along the ground to the birdbath and up the side. Add 20 inches and cut the tubing at that point. Use the surplus tubing for the Supply Line in Step 6. **Do not insert the Fill Line into the Bubble Separator. Lay it on the ground until Step 11.**

Connect the Supply Line

6) Slide one end of the Supply Line (the left-over tubing from Step 5) through the Nut and the Cone Washer (see Figure 6) and insert it into the end of the Float Valve neck. (Make sure the Cone Washer is oriented as shown.) Tighten the Nut securely.

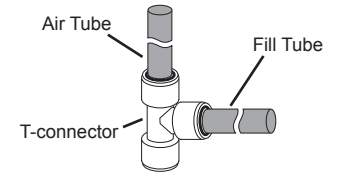


Figure 3

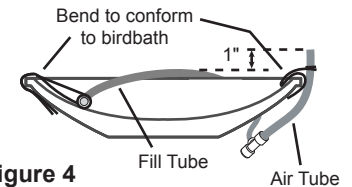


Figure 4

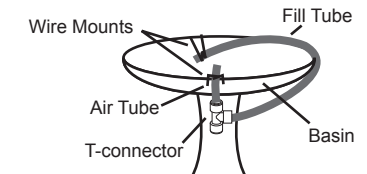


Figure 5

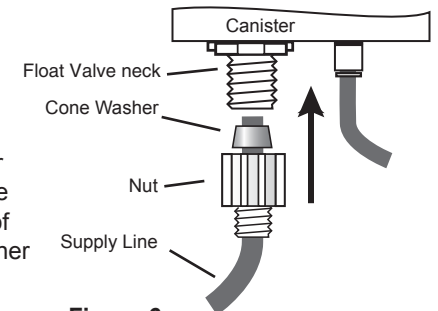


Figure 6

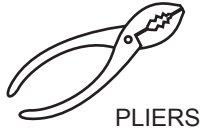
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INSTRUCTIONS FOR ATTACHING KOZYFILL™ WIRE RETAINER CLIP

Materials Needed



PLIERS



WIRE CLIP

Mounting the Fill Tube

Two wire clips and two extras are provided with the KozyFill for mounting the Fill Tube and Bubble Separator to the Birdbath. The clips are made from stainless steel and are stiff to attach tightly to the birdbath. Because of that, pliers should be used to form the retainer clip to grab the birdbath.

Note: Use pliers to bend the wire clips to attach to the birdbath.

Birdbaths come in a variety of shapes and sizes. The drawings below show some recommended ways to bend the wire clip for various birdbath rims.

Use pliers to open the bend and then rebend the turn to form a pinch point

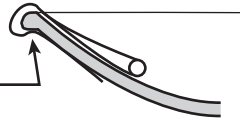
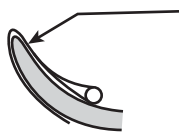


Figure 1 Bowl with slight lip



Use pliers to bend clip to tightly follow the profile of the bowl.

Figure 2 Curved bowl with no lip

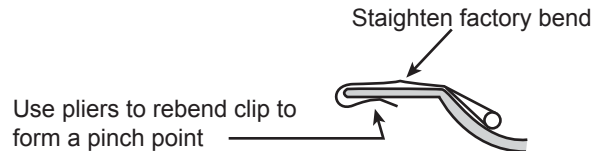
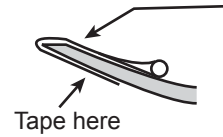


Figure 3 Bowl with flat shoulder



Use pliers to bend clip to tightly follow the profile of the bowl. In some bowls, you may need to tape the legs to the underside of the bowl.

Figure 4 Shallow bowl

In some bowls, the clip may not fit at all. In that case, purchase insulated, 12 gauge, solid, copper wire at a hardware store and bend to fit.

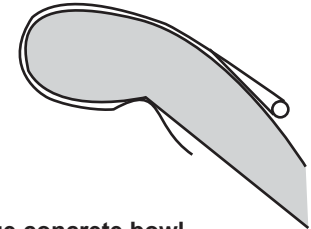


Figure 5 Large concrete bowl