

# BLZZRD™ Sampler Bottle Kits

## Installation Instructions

### Overview

When installing a new kit, keep these guidelines in mind:

- Install all bottles to ensure that they remain in place.
- Align the bottles correctly. If the bottles are misaligned, the sample may miss the bottle mouth, or the sampler will deposit samples in the “wrong” bottle.
- Each time you change bottle configurations, check the program settings for the number of bottles and bottle volume.

### Installing the 14-Bottle Kit #68-2960-020

1. Attach the distributor arm to the distributor shaft underneath the sampler controller. Note that the metal

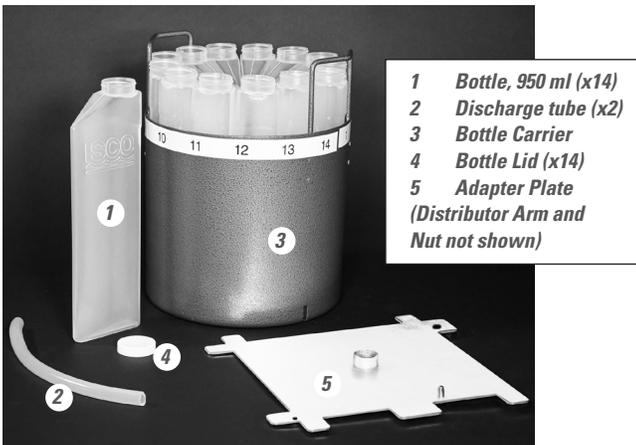


Figure 1—14-Bottle kit parts

shaft and arm are keyed to ensure correct alignment. Secure the distributor arm with the knurled nut.

2. Refer to Figure 2. Attach the 13 inch (33 cm) discharge tube to the bulkhead fitting. Route the tube through the stainless-steel tube guide.
3. Route the other end of the tube through the spring on the distributor arm. Then, place the end of the discharge tube through the opening in the end of the distributor arm. The end of the tube should protrude below the arm 1/16 to 1/8 inch (see Figure 2). If too much tube protrudes from the arm, it can catch on bottles and jam the distributor arm.



Figure 2—Distributor arm assembly

4. Install the 14-bottle adapter plate in the refrigerated compartment. The bottom of the compartment has two posts that ensure the adapter plate is oriented correctly. See the two black circles in Figure 3 below.

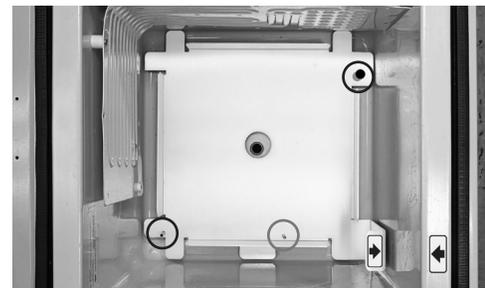


Figure 3—Adapter plate installed (alignment posts circled)

5. Load the bottles into the carrier. Note that the bottles fit between the handles of the carrier. The handles keep the bottles positioned correctly in the carrier.
6. Place the carrier into the refrigerated compartment. The carrier must be aligned with the alignment post on the plate. See the gray circle in Figure 3 above. Once it is aligned, it should seat fully against the adapter plate.
7. Close and latch the refrigerated compartment.



Figure 4—14-Bottle configuration completed

## Installing the 4-Bottle Kit

There are two 4-bottle kits available for the sampler, 5 liter polypropylene (68-2960-025), and 1.8 liter glass (68-2960-026). Refer to Figure 5 below.

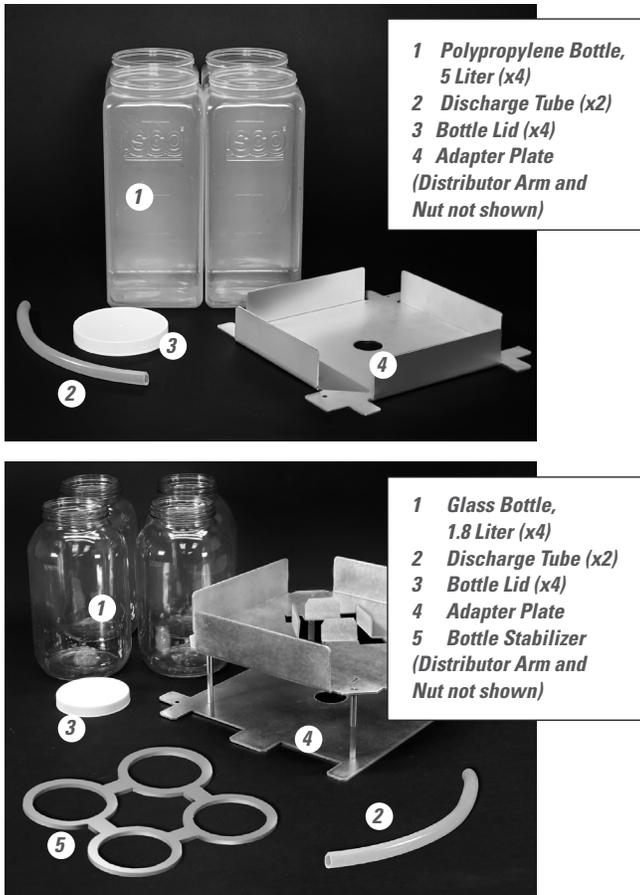


Figure 5—4-Bottle kit parts

1. Attach the distributor arm to the distributor shaft underneath the sampler controller. Note that the metal shaft and arm are keyed to ensure correct alignment. Secure the distributor arm with the knurled nut. See Figure 6.
2. Attach the 13 inch (33 cm) discharge tube to the bulkhead fitting. Route the tube through the stainless-steel tube guide.
3. Route the other end of the tube through the spring on the distributor arm. Then, place the end of the discharge tube through the opening in the end of the distributor arm. The end of the tube should protrude below the arm 1/16 to 1/8 inch (see Figure 6). If too much tube protrudes from the arm, it can catch on bottles and jam the distributor arm.

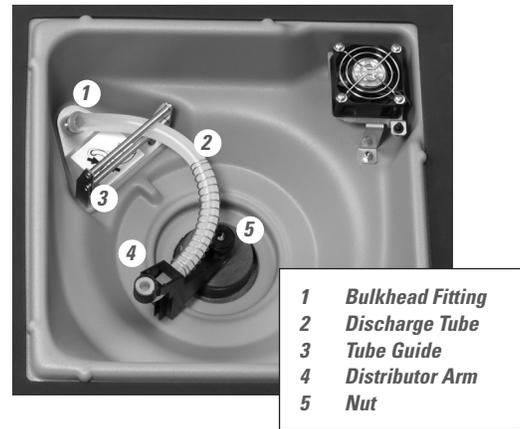


Figure 6—Distributor arm assembly

4. Install the 4-bottle adapter plate in the refrigerated compartment. The bottom of the compartment has two posts that ensure the plate is oriented correctly. See the two black circles in Figure 7.



Figure 7—Adapter plates installed

5. Place the bottles into the refrigerated compartment. The bottles should seat fully against the adapter plate.



Figure 8—4-Bottle configurations completed

6. Close and latch the refrigerated compartment.

## Installing 2.5 Gallon Single Bottle Kits: Glass #68-2960-021 Nalgene #68-2960-022

Refer to Figure 9. Both 2.5 gallon composite bottle kits use the same adapter plate.

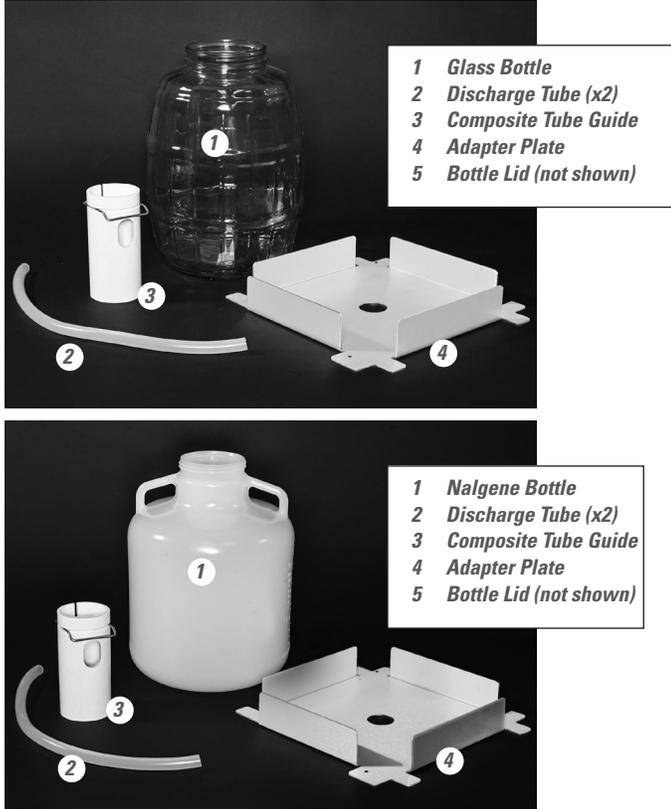


Figure 9—Single bottle kit parts

1. Attach the composite tube guide to the underside of the controller. The tube guide will snap in place.
2. Attach the 11¼ inch (28.5 cm) discharge tube to the bulkhead fitting. Route the tube through the stainless-steel tube guide. See Figure 10.
3. Place the other end of the tube into the side opening of the composite tube guide. The end of the tube should be positioned just below the bottom opening of the composite tube guide.



Figure 10—Attaching the composite tube guide and discharge tube.

4. Install the composite bottle adapter plate in the refrigerated compartment. The bottom of the compartment has two posts to ensure that the adapter plate is oriented correctly. See the two black circles in Figure 11.



Figure 11—Adapter plate installed

5. Place the bottle into the refrigerated compartment. The bottle should seat fully against the adapter plate.
6. Close the refrigerated compartment. Figure 12 shows the completed configurations.



Figure 12—2.5 Gallon composite bottle assembly completed

7. Latch the refrigerated compartment

## Installing 2.5 Gallon Polyethylene Bottle Kit #68-2960-024

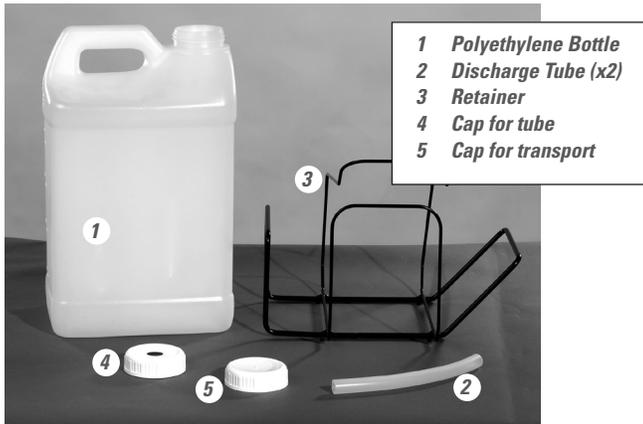


Figure 13—Single polyethylene bottle kit parts

1. Attach the 8 inch (20.5 cm) discharge tube to the bulkhead fitting. Do not route the tube through the stainless-steel tube guide. See Figure 14.



Figure 14—Allow tube to hang freely. Do not route tube through the stainless-steel tube guide.

3. Install the bottle retainer and bottle in the refrigerated compartment. See Figure 15.

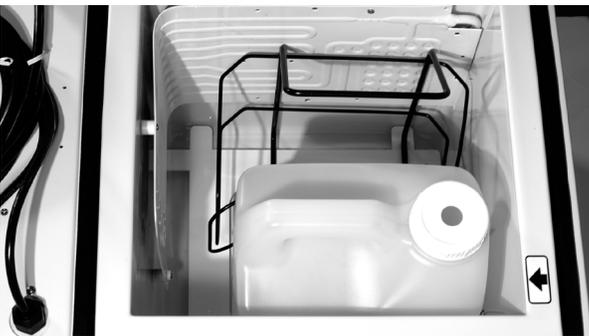


Figure 15—Position retainer and bottle as shown.

4. While closing the refrigerated compartment, insert the discharge tube into the cap opening. See Figure 16.



Figure 16—Insert the discharge tube when closing the compartment

5. Latch the refrigerated compartment

## Installing the 5 Gallon Single Bottle Kit #68-2960-023

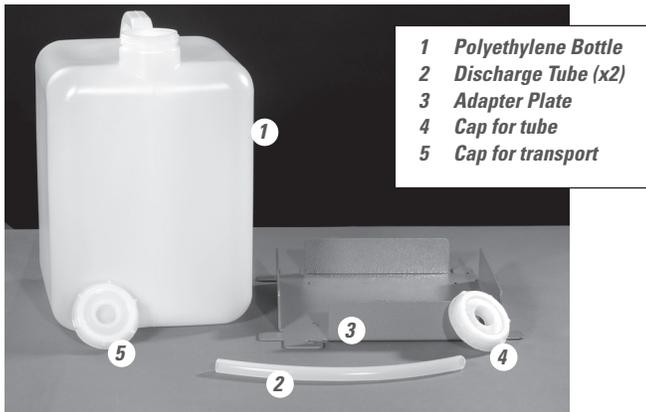


Figure 17—Composite 5 Gallon bottle kit parts

1. Attach the 11¼ inch (28.5 cm) discharge tube to the bulk-head fitting. Do not route the tube through the stainless-steel tube guide. See Figure 18.



Figure 18—Allow tube to hang freely. Do not route tube through the stainless-steel tube guide.

**Note:** The 5-gallon configuration does not use a composite tube guide.

2. Install the composite bottle adapter plate in the refrigerated compartment. The bottom of the compartment has two posts to ensure that the adapter plate is oriented correctly. See the two black circles in Figure 19.



Figure 19—Adapter plate installed

3. Place the bottle into the refrigerated compartment. The bottle opening should be away from the evaporator. See Figure 20.



Figure 20—Composite 5 gallon bottle kit completed

4. While closing the refrigerated compartment, place the end of the discharge tube into the bottle opening.



Figure 21—Insert the discharge tube when closing the compartment.

5. Close and latch the refrigerated compartment.

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