



Model 55, 75, HMC/90 Outlet Assembly

Introduction

The Model 55, 75, HMC/90 Outlet Assemblies are designed to drop feed from a Feed Delivery or Feeding System into a Gravity Drop Tube. **Figure 1** shows the components that make up an outlet assembly.

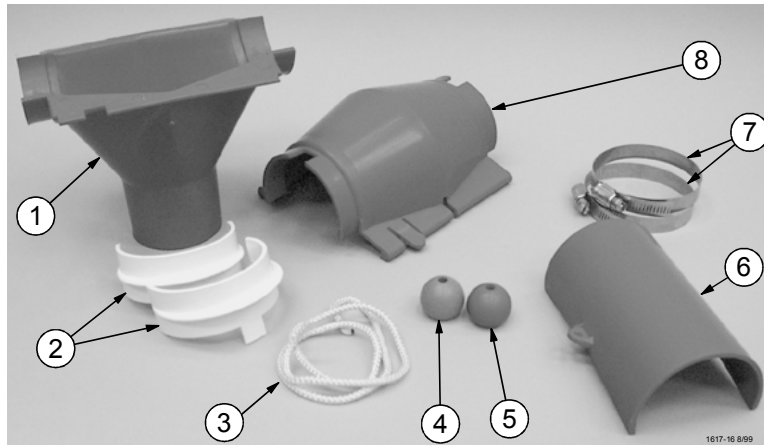


Figure 1. Outlet Assembly components

Item	Description
1	Outlet Bottom
2	Retainer (Optional)
3	Cord
4	Green Indicator Ball

Item	Description
5	Red Indicator Ball
6	Rotary Slide
7	Clamp (Optional)
8	Outlet Top

Available Outlet Assemblies

Model	Description	Part No.
55	Outlet Assembly with Clamps	43455C
55	Outlet Assembly with Retainers	43455R
75	Outlet Assembly with Clamps	43475C
75	Outlet Assembly with Retainers	43475R
HMC/90	Outlet Assembly with Clamps	43490C
HMC/90	Outlet Assembly with Retainers	43490R

Installation

1. Determine the location of the Outlet Assembly and drill or cut the desired outlet hole as shown in **Figure 2**.

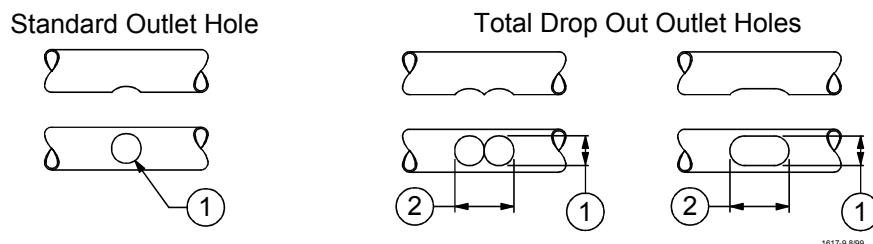


Figure 2. Cutting the Outlet Hole in the Fill System Pipe

Model	Item 1	Item 2
55	1-1/2" [38.1 mm] Dia	3" - 5" [76.2 - 127 mm]*
75	2-1/2" [63.5 mm] Dia	5" [127 mm]
HMC/90	2-1/2" - 3" [63.5 - 76.2 mm] Dia	6" [152.4 mm]

*3" for Model 55 System, 5" for Multiflo System

2. Insert the Cord through the hole in the Rotary Slide tab, pull until centered, and knot it on both sides of the tab as shown in **Figure 3**. Slide the Indicator Balls on the Cord ends, as shown in **Figure 3**, and knot the Cord ends so the Indicator Balls will not fall off.

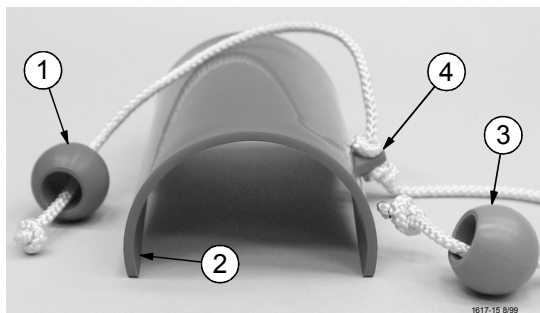


Figure 3. Assembling the Rotary Slide

Item	Description	Item	Description
1	Red Indicator Ball	3	Green Indicator Ball
2	Rotary Slide	4	Tab on Rotary Slide

3. Snap the assembled Rotary Slide over the Fill System Pipe as shown in **Figure 4**.



Figure 4. Rotary Slide snapped onto the Fill System Pipe

Item	Description
1	Fill System Pipe
2	Rotary Slide

4. Snap the Outlet Top to the Fill System Pipe over the Rotary Slide as shown in **Figure 5**. Make sure the Cord comes out through the notches on each side of the Outlet Top as shown in **Figure 5**.

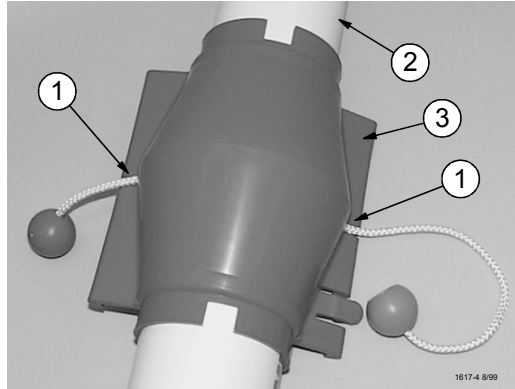


Figure 5. Top placed over the Rotary Slide

Item	Description
1	Notch on Top
2	Fill System Pipe
3	Outlet Top

5. Use the Cord ends to hold the Rotary Slide in the full open position (cradled inside of the Outlet Top.) Engage the top edges of the Outlet Bottom into the open ends of the Outlet Top Tracks. Slide the parts together pressing the locking tab on the Outlet Top out of the way, allowing the Outlet Bottom to pass until completely assembled. The locking tab should then snap into place preventing the outlet assembly from sliding apart. See **Figure 6**.

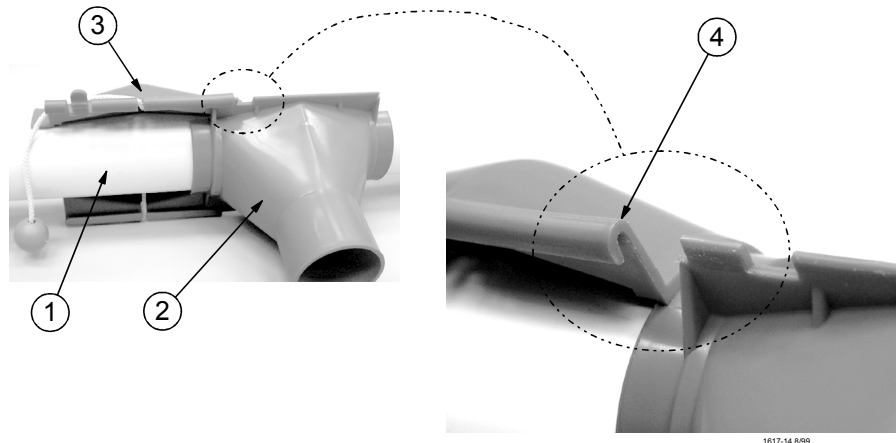


Figure 6. Assembling the Outlet Bottom to the Outlet Top

Item	Description
1	Fill System Pipe
2	Outlet Bottom
3	Outlet Top
4	Outlet Top Track

6. Now add Clamps or Retainers (as ordered) to the Outlet Assembly to prevent it from sliding and/or rotating on the pipe. Clamps will prevent the Outlet Assembly from sliding or rotating on the pipe. Retainers can be used in two different ways. Retainers may prevent the Outlet Assembly from sliding or rotating on the pipe, or prevent the Outlet Assembly from sliding on the pipe, but allow it to rotate. **Figure 7** shows the three different methods for holding the Outlet Assembly in place.

If Clamps are used, place the Clamps on the Outlet Assembly as shown and tighten.

When using the Retainers, for a completely locked Outlet Assembly, insert the tabs on the Retainers into the notches on the Outlet Top when gluing the Retainers in place with PVC Cement. With a rotating Outlet Assembly, glue the Retainers in place with the tabs pointing away from the Outlet Top.

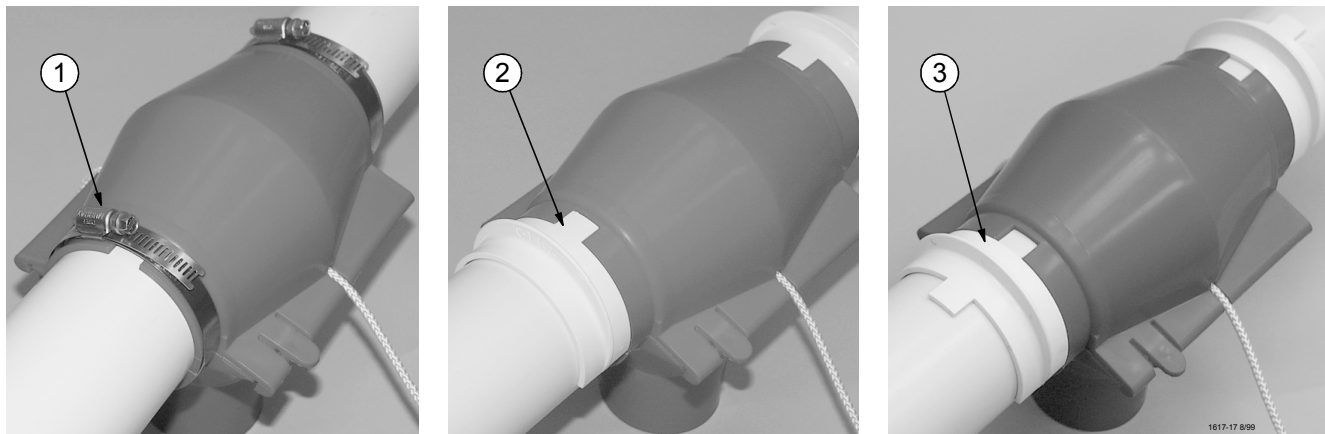


Figure 7. Installing the Retainers on the Outlet Assembly

Item	Description
1	Outlet Assembly using Clamps (non-sliding, non-rotating)
2	Outlet Assembly using Retainers (non-sliding, non-rotating)
3	Outlet Assembly using Retainers (non-sliding, rotating)

Contact your nearby Chore-Time distributor or representative for additional parts and information.

CTB Inc.
P.O. Box 2000 • Milford, Indiana 46542-2000 • U.S.A.
Phone (219) 658-4101 • Fax (800) 333-4191
E-Mail: ctb@ctbinc.com • Internet: <http://www.ctbinc.com>

Printed in the U.S.A.