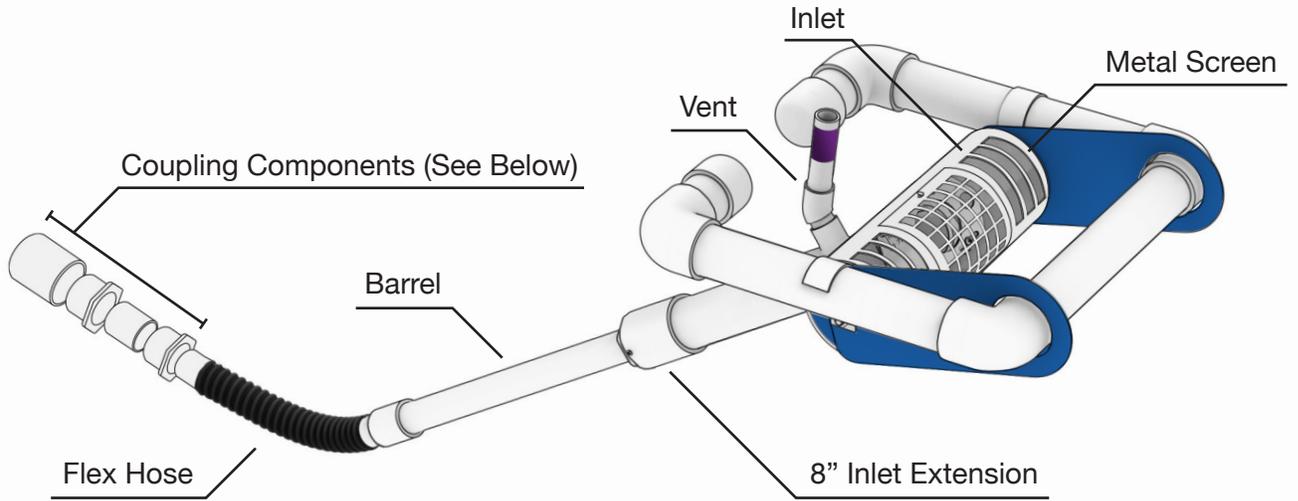
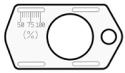


# Faircloth Skimmer®

## Instructions for Assembly



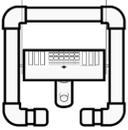
### INCLUDED



Pre-attached Orifice Gate



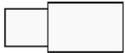
6" Flexible Hose



Pre-assembled Skimmer



8" Coupling



8" Inlet Extension



6" Sch 40 PVC Pipe



Vent



100' Rope



8" x 6"  
Reducer Bushing



6" x 6" Threaded  
Female Adapter

### NOT INCLUDED



Engineering  
Plans



6" Sch 40 solid PVC  
(Recommend 10') for Barrel



PVC Pipe  
Primer and Glue



Phillips Head  
Screwdriver

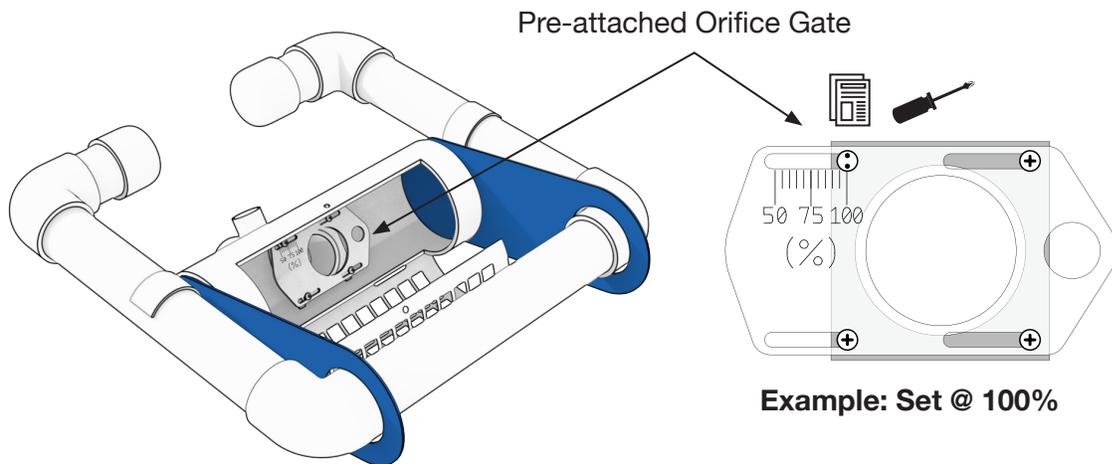


Measuring  
Tool

For more information, please go to our website, [FairclothSkimmer.com](http://FairclothSkimmer.com), or call us at (919)732-1244.

## STEP 1

## Adjust Orifice Gate



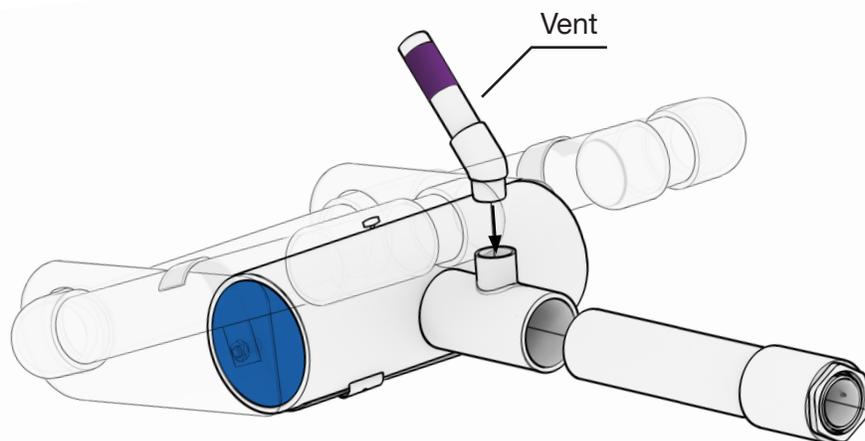
**Note: Reference your site engineering plans for correct orifice gate opening percentage.**

**1A.** Open the metal screen and slide the orifice gate until the dots on the indicator screw line up with the opening percentage shown in the plans.

**1B.** Tighten the 3 Phillips screws to hold the orifice gate in place.

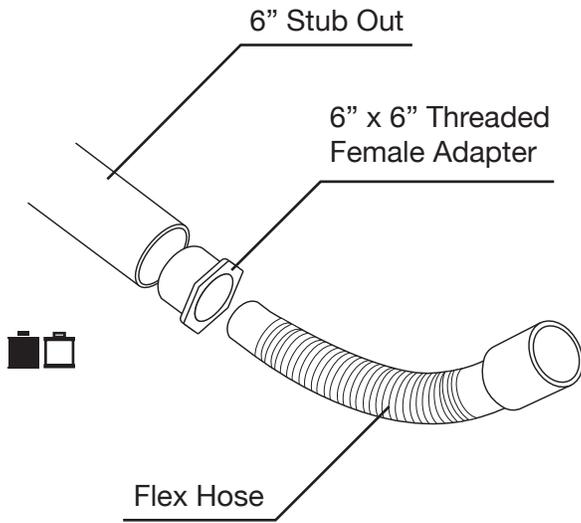
## STEP 2

## Install Vent and Inlet Extension



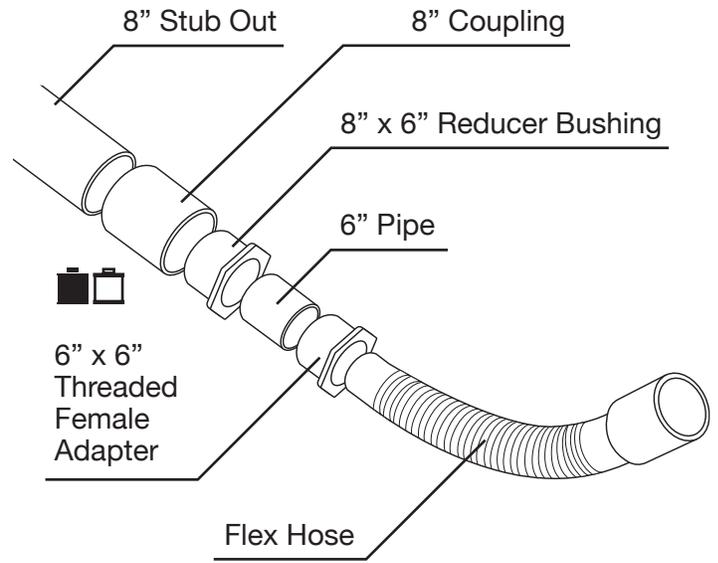
**2A.** Install the short end of the vent tube into the tee, as shown in the image. You may have to back out the screw before installing and tighten once the vent tube is in place.

**2B.** Prime and glue the inlet extension into the skimmer.

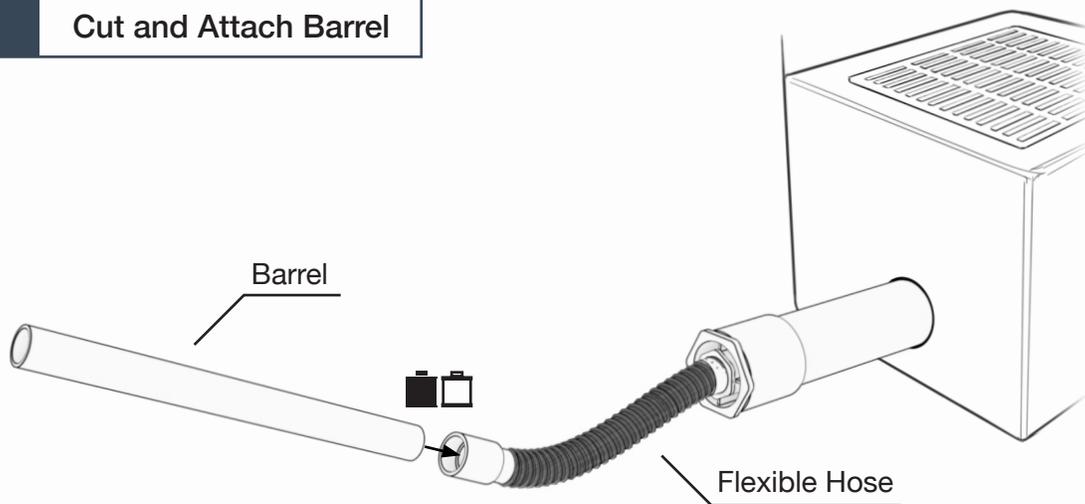
**STEP 3****Connect to Outlet**

**3A. For 6" Stub Out:** Thread the Flex Hose into the 6" x 6" Threaded Female Adapter, and then prime and glue the assembled Flex Hose onto the 6" Stub Out. The natural curve of the hose should face directly upwards.

or



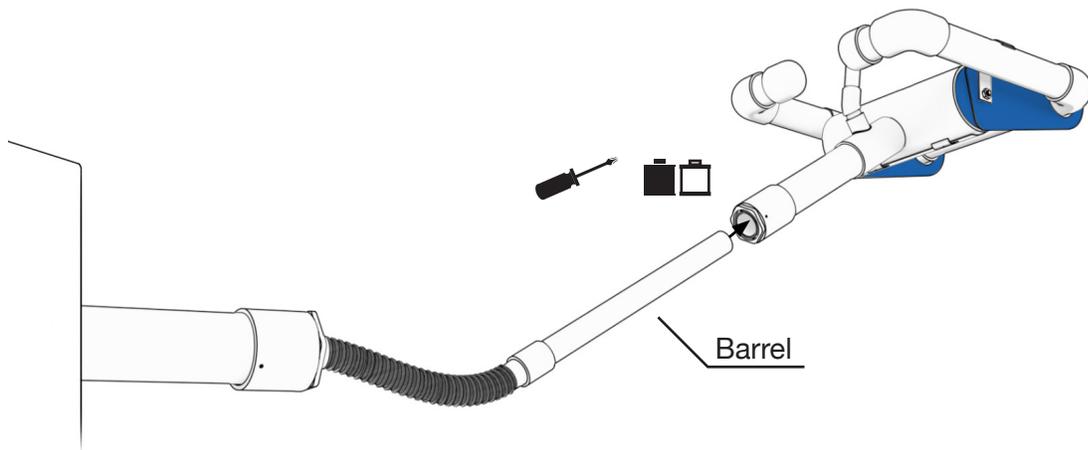
**3B. For 8" Stub Out:** Thread the Flex Hose into the 6" x 6" Threaded Female Adapter, prime and glue the coupling components in the order shown above. Prime and glue the assembled Flex Hose onto the 8" Stub Out. The natural curve of the hose should face directly upwards.

**STEP 4****Cut and Attach Barrel**

**Note:** Barrel length should be 1.4 times the depth of the basin (distance from basin bottom to spillway) but not shorter than 10'.

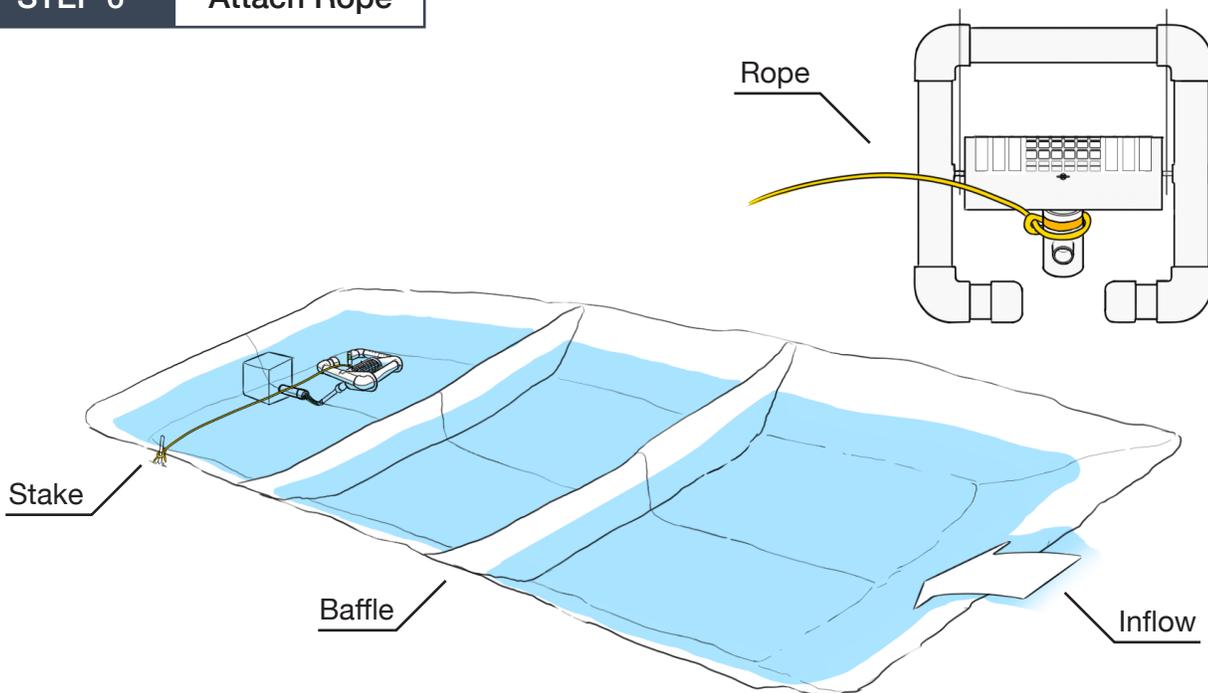
**4A.** Cut the 6" PVC pipe to proper length to create the barrel.

**4B.** Prime and glue the barrel to the Flex Hose Assembly, as shown in the image above.

**STEP 5****Attach Skimmer to Barrel**

**5A.** Fully insert the barrel into the inlet extension. Primer and glue can be used here if preferred.

**5B.** Tighten the screw until it pushes against the barrel to secure it.

**STEP 6****Attach Rope**

**6A.** Attach the rope to the skimmer, as shown in the image, at the yellow sticker.

**6B.** Attach the other end of the rope to a stake on the side of the basin.