

Faircloth Skimmer

Skimmer Installation Inspection Checklist

Important!!!

Obtain a copy of the current Erosion and Sediment Control plans that show the **skimmer size** and **orifice opening** information for the site.

Site Information

- Project Name: _____
 - Location: _____
 - Date: _____
 - Inspector Name: _____
 - Weather Conditions: _____
-

General Condition

- Skimmer is present and floating
- No visible cracks or damage
- Secure connection to the riser or outlet pipe
- Free of debris and trash
- Rope is connected to skimmer and tied off on slope of basin
- Block or stone landing pad for skimmer is level and free of sediment
- Vent is installed properly

Faircloth Skimmer

Sizing: (Pull skimmer to the side of basin using the attached rope)

1. Confirm the correct brand of skimmer is installed.

Despite skimmers being the same size, different designs from different manufacturers flow at different rates. The plans should confirm which brand skimmer was used as the basis of design. If not, ask the design engineer.

- Correct Skimmer Manufacturer:
 Yes No

2. Confirm the skimmer size matches what is shown on the plans.

The size of the Faircloth Skimmer is located on the front sticker. Additionally, all Faircloth Skimmer vent caps have a colored tape that corresponds to the size. See color chart on page 3 of this checklist.

- Correct Skimmer Size:
 Yes No

3. Confirm the orifice opening is correct.

Faircloth Skimmers come with an adjustable orifice gate that is set at a specified % opening. See the conversion chart on page 4 if the plans show legacy (diameter-based) sizing.

- Skimmer Orifice Set Accurately:
 Yes No

Notes:

Attached Reference Charts:

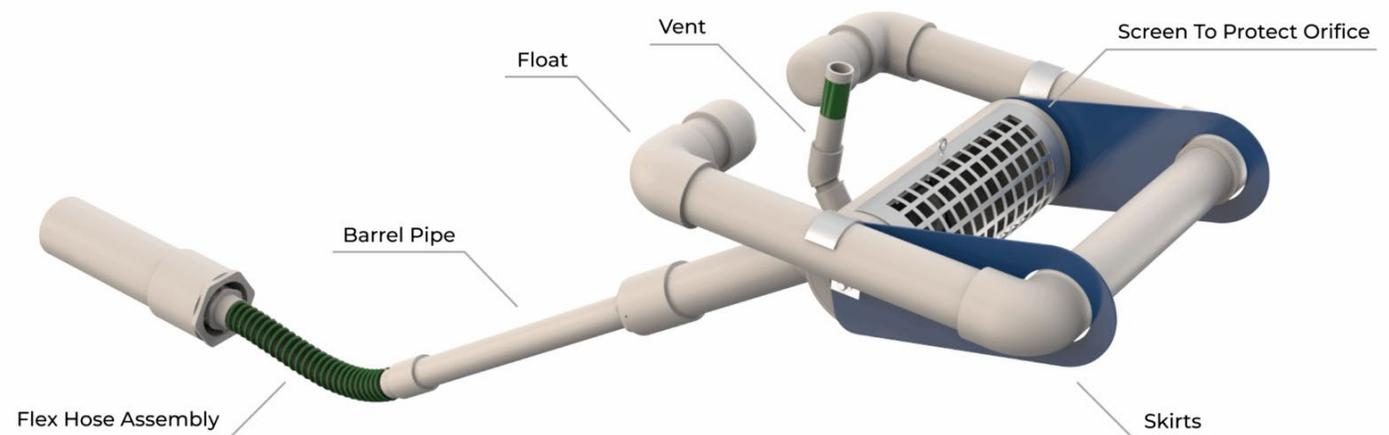
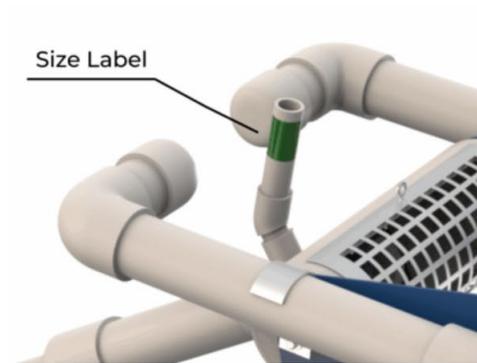
- Faircloth Skimmer Vent Cap Color Chart - See page 3
- Faircloth Diagram - See page 3
- Adjustable Orifice Conversion Chart - See page 4

Faircloth Skimmer

Sediment Basin Skimmer Label Sizing.

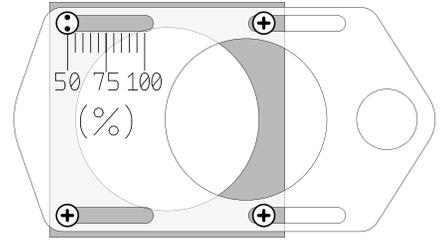
Each Faircloth Skimmer features a color-coded vent pipe to indicate its size—making it easy to identify in the field at a glance. Refer to the chart below for quick and accurate size identification.

Skimmer Size	Color
1.5"	Red ■
2"	Yellow ■
2.5"	Green ■
3"	Blue ■
4"	Orange ■
5"	Black ■
6"	White ■
8"	Purple ■



NEW Faircloth Skimmer® ADJUSTABLE ORIFICE GATE

You have received a Faircloth Skimmer equipped with our new adjustable orifice gate. If your project plans display the orifice size in inches, please refer to the chart below to adjust the orifice to the correct opening percentage.



EXAMPLE (LEFT): If the engineering specifications call for a 1.5" Faircloth Skimmer with a 1.1" diameter orifice, set the orifice gate to 50%.

		SKIMMER SIZE			
		1½"	2"	2½"	3"
OLD ORIFICE SIZE (") TO NEW ORIFICE SIZE (%)	1.1" = 50%	1.4" = 50%	1.8" = 50%	2.0" = 50%	
	1.2" = 60%	1.5" = 50%	1.9" = 55%	2.1" = 50%	
	1.3" = 70%	1.6" = 55%	2.0" = 60%	2.2" = 55%	
	1.4" = 80%	1.7" = 60%	2.1" = 65%	2.3" = 55%	
	1.5" = 90%	1.8" = 70%	2.2" = 70%	2.4" = 60%	
		1.9" = 80%	2.3" = 75%	2.5" = 65%	
		2.0" = 90%	2.4" = 85%	2.6" = 65%	
			2.5" = 90%	2.7" = 70%	
				2.8" = 80%	
				2.9" = 90%	
			3.0" = 100%		

		SKIMMER SIZE			
		4"	5"	6"	8"
OLD ORIFICE SIZE (") TO NEW ORIFICE SIZE (%)	2.8" = 50%	3.9" = 50%	4.8" = 60%	5.8" = 55%	
	2.9" = 50%	4.0" = 55%	4.9" = 65%	6" = 60%	
	3" = 55%	4.1" = 60%	5" = 70%	6.2" = 65%	
	3.1" = 60%	4.2" = 65%	5.1" = 75%	6.4" = 70%	
	3.2" = 65%	4.3" = 70%	5.2" = 80%	6.6" = 75%	
	3.3" = 75%	4.4" = 75%	5.3" = 80%	6.8" = 80%	
	3.4" = 80%	4.5" = 80%	5.4" = 85%	7" = 85%	
	3.6" = 85%	4.6" = 85%	5.5" = 85%	7.2" = 90%	
	3.7" = 90%	4.7" = 90%	5.6" = 90%	7.4" = 95%	
	3.8" = 95%	4.8" = 95%	5.7" = 95%	7.8" = 100%	
	3.9" = 100%	4.9" = 100%	5.8" = 95%	8.0" = 100%	
	4.0" = 100%	5.0" = 100%	5.9" = 100%		
		6.0" = 100%			

For technical data, sizing, cut sheets, or design assistance please contact us at:

(919) 732-1244 or visit fairclothskimmer.com