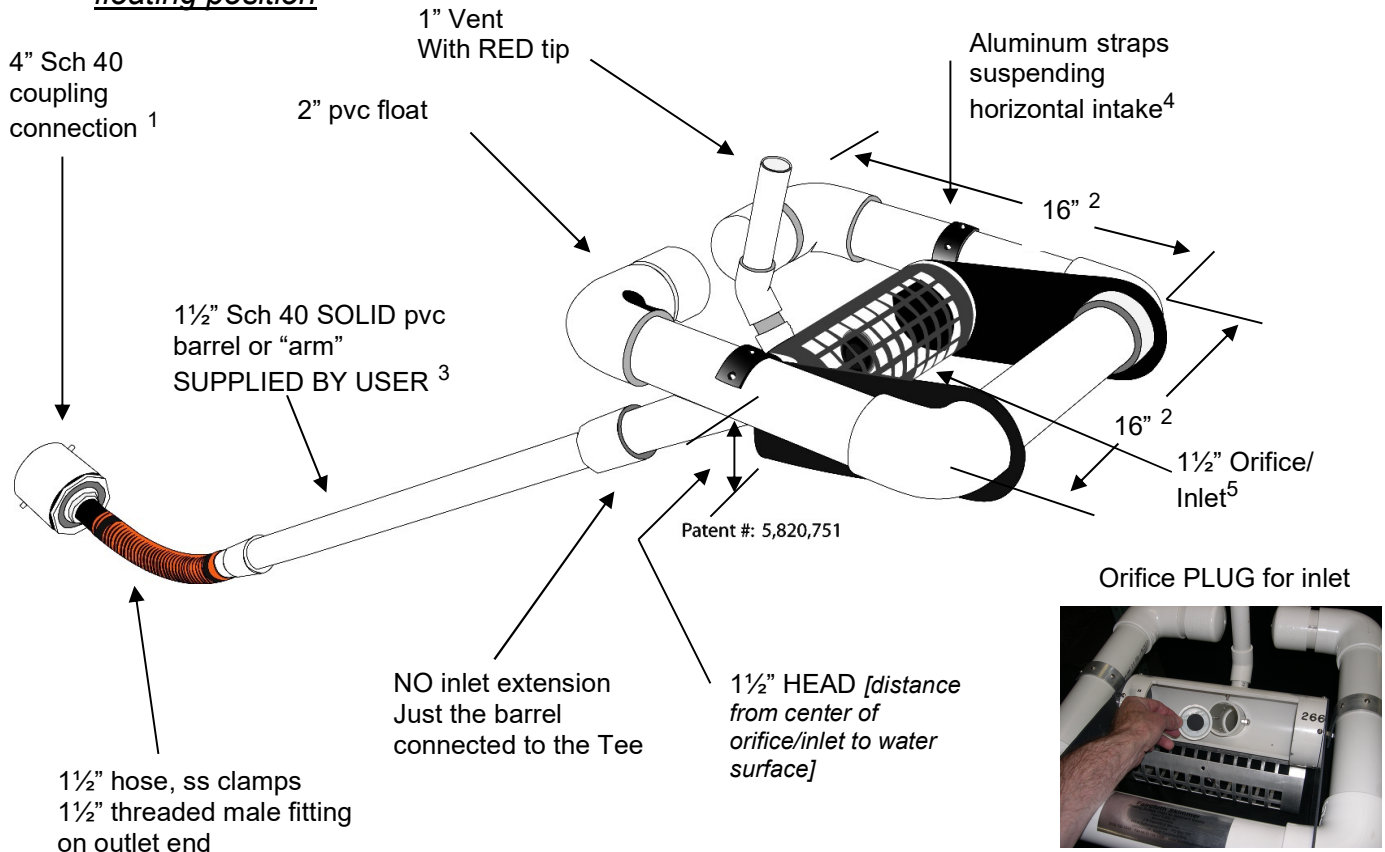


# 1½" Faircloth Skimmer® Cut Sheet

J. W. Faircloth & Son, Inc.  
[www.FairclothSkimmer.com](http://www.FairclothSkimmer.com)

## Skimmer shown in floating position



1. Skimmer can be attached to a straight 4" sch 40 pipe through the dam but the pipe may need to be anchored to the bottom at the connection so it is secure. Coupling can be removed and hose attached to outlet using the threaded 1½" fitting. Typical methods: a) a metal structure with a steel stub out welded on the side at the bottom with a 1½" threaded coupling or reducer(s); b) a concrete structure with a hole or orifice at the bottom - use a steel plate with a hole cut in it and coupling welded to it that will fit over the hole in the concrete and bolted to the structure with sealant, or c) grout a 4" PVC pipe in a hole in the concrete to connect the skimmer.
2. Dimensions are approximate, not intended as plans for construction.
3. Barrel (solid, not foam core pipe) should be 1.4 times the depth of water with a **maximum length of 6'** so the inlet can be pulled to the side for maintenance. Skimmer is made for small sediment "traps" with a maximum depth of 4'.
4. Horizontal intake is 3" pipe between the straps with aluminum screen door for access to the 1½" orifice/inlet inside.
5. **Capacity:** 1,728 cubic feet per day maximum with 1½" inlet and 1½" head. Orifice/inlet can be reduced by installing a smaller orifice using the plug and cutter provided to adjust flow rate for the particular drawdown time required. Please use the sizing template at [www.fairclothskimmer.com](http://www.fairclothskimmer.com).
6. Ships assembled. User glues inlet extension and barrel, installs vent, cuts orifice in plug and attaches to outlet pipe or structure. **Includes** float, flexible hose, rope, orifice plug & cutter. Does NOT include 1½" Sch 40 SOLID pvc barrel or "arm".