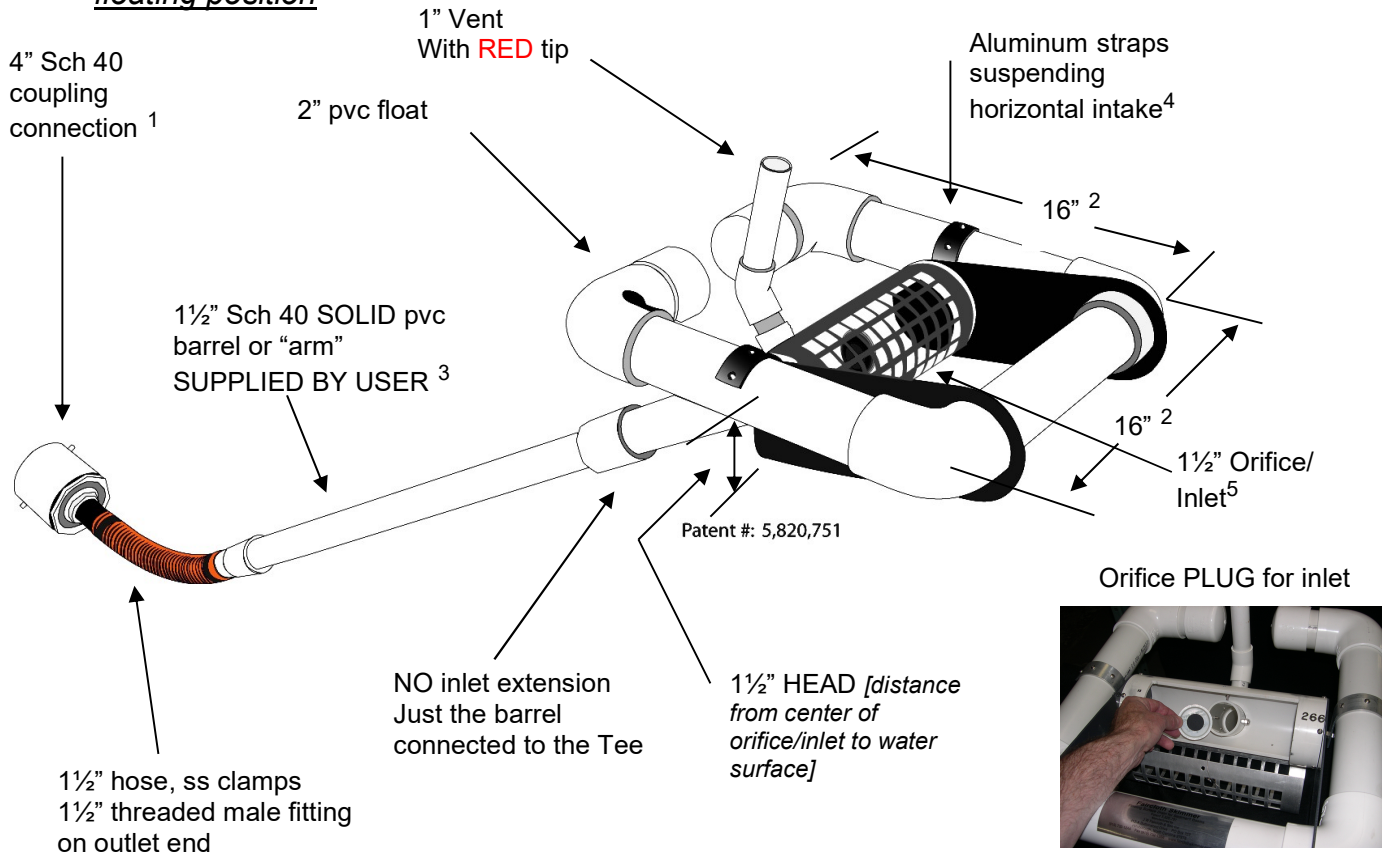


# 1½" Faircloth Skimmer® Cut Sheet

[www.FairclothSkimmer.com](http://www.FairclothSkimmer.com)

Skimmer shown in floating position

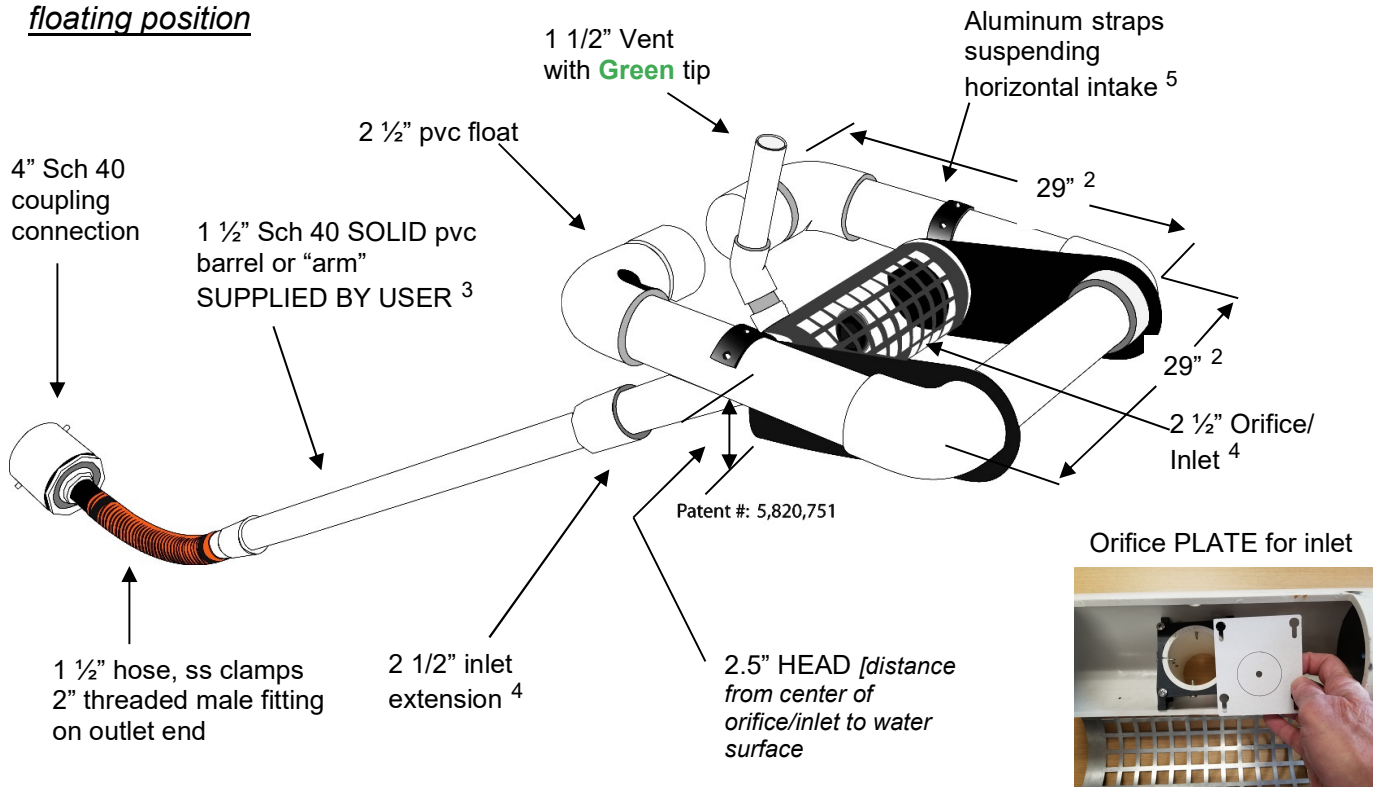


1. Skimmer can be attached to a straight 4" sch 40 pipe but the pipe may need to be anchored to the bottom at the connection so it is secure. Coupling can be removed and hose attached to outlet using the threaded 1½" fitting.
2. Dimensions are approximate, not intended as plans for construction.
3. Barrel (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".

# 2½" Faircloth Skimmer® Cut Sheet

[www.FairclothSkimmer.com](http://www.FairclothSkimmer.com)

Skimmer shown in floating position

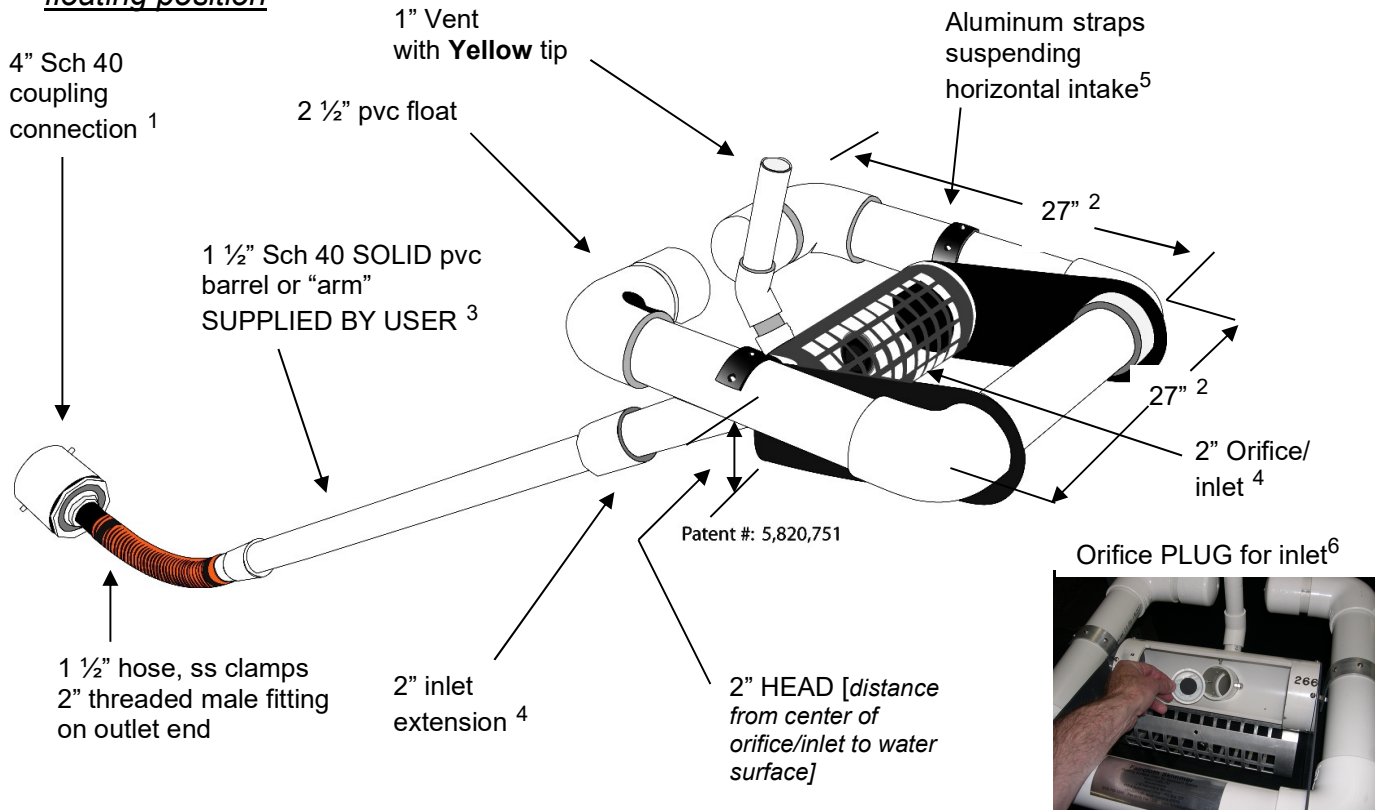


1. Skimmer can be attached to a straight 4" sch 40 pipe but the pipe may need to be anchored to the bottom at the connection so it is secure. Coupling can be removed and hose attached to outlet using the threaded 2" fitting.
2. Dimensions are approximate, not intended as plans for construction.
3. Barrel (solid, not foam core pipe) should be 1.4 times the depth of water with a minimum length of 6' so the inlet can be pulled to the side for maintenance. If more than 8' long weight may have to be added to inlet to counter the increased buoyancy.
4. Orifice/inlet tapers down from 2 ½" maximum inlet to a 1½" barrel and hose. Barrel is smaller to reduce buoyancy and tendency to lift inlet but is sufficient for flow through inlet because of slope. The orifice/inlet can be reduced using the plate and cutter provided to control the outflow rate – see #6.
5. Horizontal intake is 5" pipe between the straps with aluminum screen door for access to the 2½" inlet and orifice inside.
6. **Capacity:** 6,234 cubic feet per day maximum with 2½" inlet and 2.5 head. Inlet can be reduced by installing a smaller orifice using the plate 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) .
7. Ships assembled. User glues inlet extension and barrel, installs vent, cuts orifice in plate and attaches to outlet pipe or structure. Includes float, flexible hose, rope, and orifice plate and cutter. Does **NOT** include 1 ½" Sch 40 SOLID pvc barrel or "arm" SUPPLIED BY USER.

# 2" Faircloth Skimmer® Cut Sheet

[www.FairclothSkimmer.com](http://www.FairclothSkimmer.com)

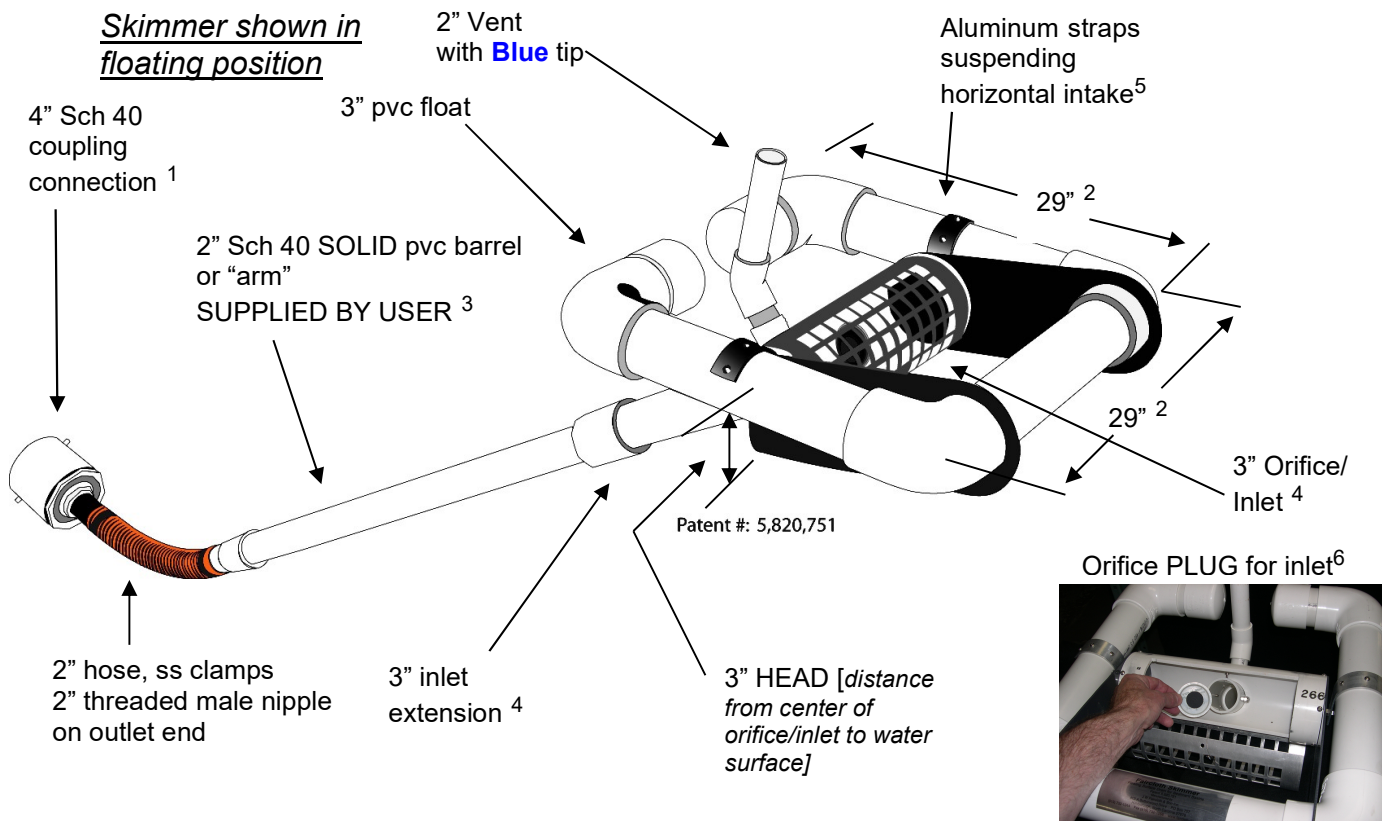
Skimmer shown in floating position



1. Skimmer can be attached to a straight 4" sch 40 pipe 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 2" fitting.
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 minimum length of 6' so the inlet can be pulled to the side for maintenance. If more than 8' long, weight may have to be added to inlet to counter the increased buoyancy.
4. Orifice/inlet tapers down from 2" maximum inlet to a 1 1/2" barrel and hose. Barrel is smaller to reduce buoyancy and tendency to lift inlet but is sufficient for flow through inlet because of slope. The orifice/inlet can be reduced using the plug and cutter provided to control the outflow rate – see #6.
5. Horizontal intake is 4" pipe between the straps with aluminum screen door for access to the inlet and orifice inside.
6. **Capacity:** 3,283 cubic feet per day maximum with 2" inlet and 2" head. 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 available at [www.fairclothskimmer.com](http://www.fairclothskimmer.com).
7. 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 with fittings, rope, orifice plug & cutter. Does **NOT** include 1 1/2" Sch 40 SOLID pvc barrel or "arm" SUPPLIED BY USER.

# 3" Faircloth Skimmer® Cut Sheet

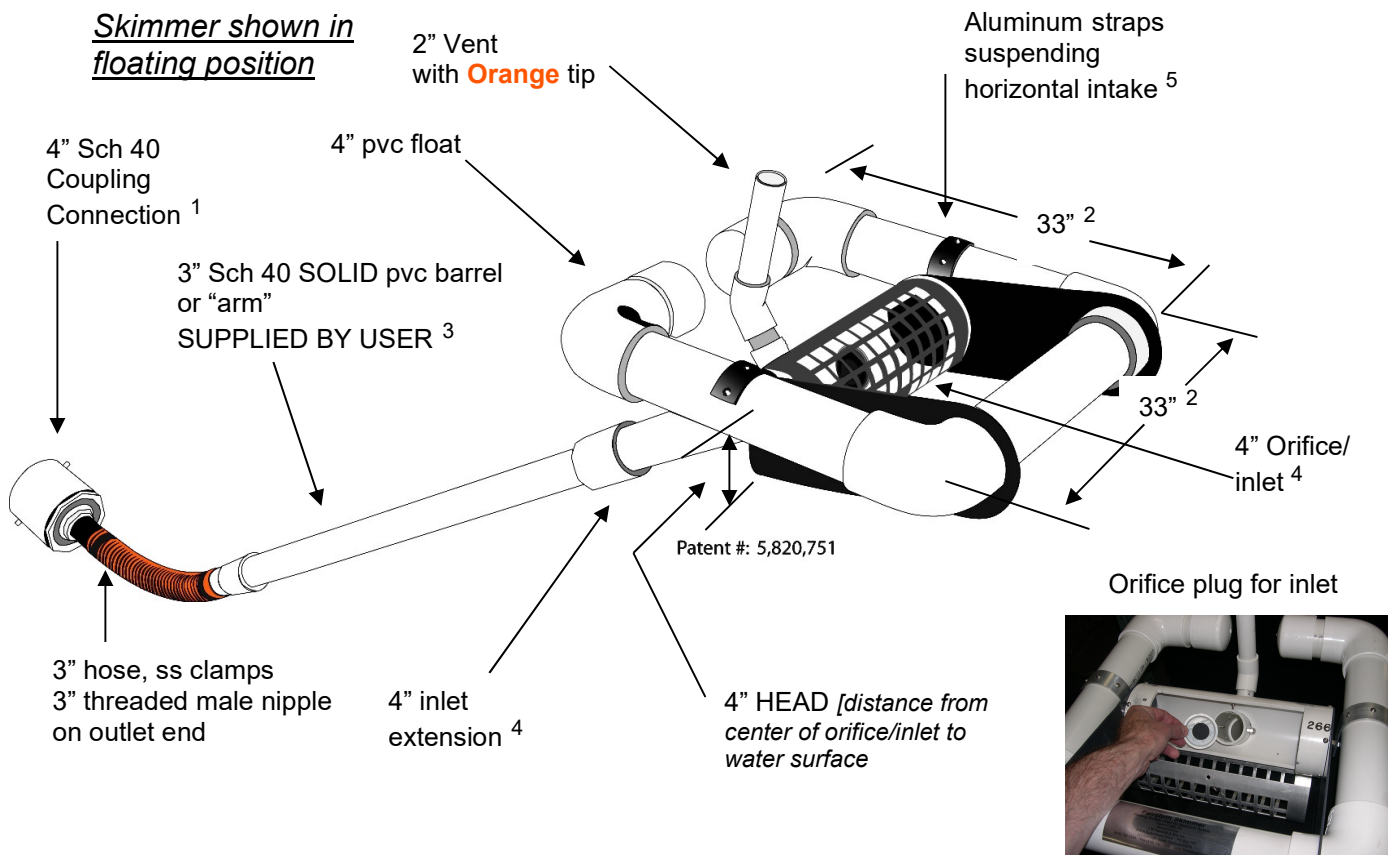
[www.FairclothSkimmer.com](http://www.FairclothSkimmer.com)



1. Skimmer can be attached to a straight 4" sch 40 pipe 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 2" fitting.
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 minimum length of 8' so the inlet can be pulled to the side for maintenance. If more than 10' long weight may have to be added to inlet to counter the increased buoyancy.
4. Orifice/inlet tapers down from a 3" maximum inlet to a 2" barrel and hose. Barrel is smaller to reduce buoyancy and tendency to lift inlet but is sufficient for flow through inlet because of slope. The orifice/inlet can be reduced using the plug and cutter provided to control the outflow rate – see #6.
5. Horizontal intake is 6" pipe between the straps with aluminum screen door for access to the 3" inlet and orifice inside.
6. **Capacity:** 9,774 cubic feet per day maximum with 3" inlet and 3" head. 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).
7. 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 2" Sch 40 SOLID pvc barrel or "arm" SUPPLIED BY USER.

# 4" Faircloth Skimmer® Cut Sheet

[www.FairclothSkimmer.com](http://www.FairclothSkimmer.com)



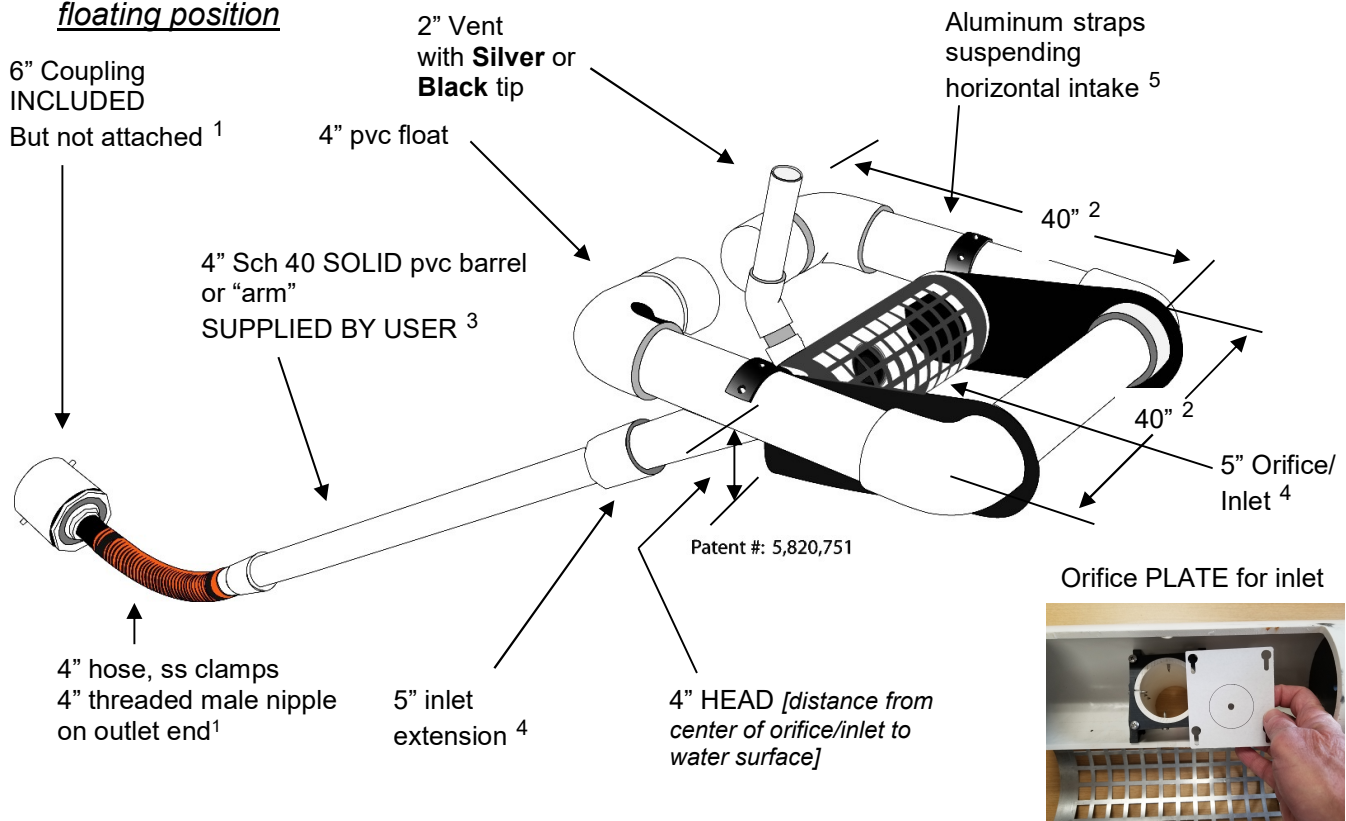
1. Skimmer can be attached to a straight 4" sch 40 pipe but the pipe may need to be anchored to the bottom at the connection so it is secure. Coupling can be removed and hose attached to outlet using the threaded 3" nipple.
2. Dimensions are approximate, not intended as plans for construction.
3. Barrel (solid, not foam core pipe) should be 1.4 times the depth of water with a minimum length of 8' so the inlet can be pulled to the side for maintenance. If more than 10' long, weight may have to be added to inlet to counter the increased buoyancy.
4. Orifice/inlet tapers down from 4" maximum inlet to a 3" barrel and hose. Barrel is smaller to reduce buoyancy and tendency to lift inlet but is sufficient for flow through inlet because of slope. The orifice/inlet can be reduced using the plug and cutter provided to control the outflow rate – see #6.
5. Horizontal intake is 8" pipe between the straps with slots cut in the inlet and aluminum screen door (smaller than shown in illustration) for access to the 4" inlet and orifice inside.
6. **Capacity:** 20,109 cubic feet per day maximum with 4" inlet and 4" head. 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).
7. 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 and cutter. Does **NOT** include 3" Sch 40 SOLID pvc barrel or "arm" SUPPLIED BY USER.



# 5" Faircloth Skimmer® Cut Sheet

[www.FairclothSkimmer.com](http://www.FairclothSkimmer.com)

## Skimmer shown in floating position

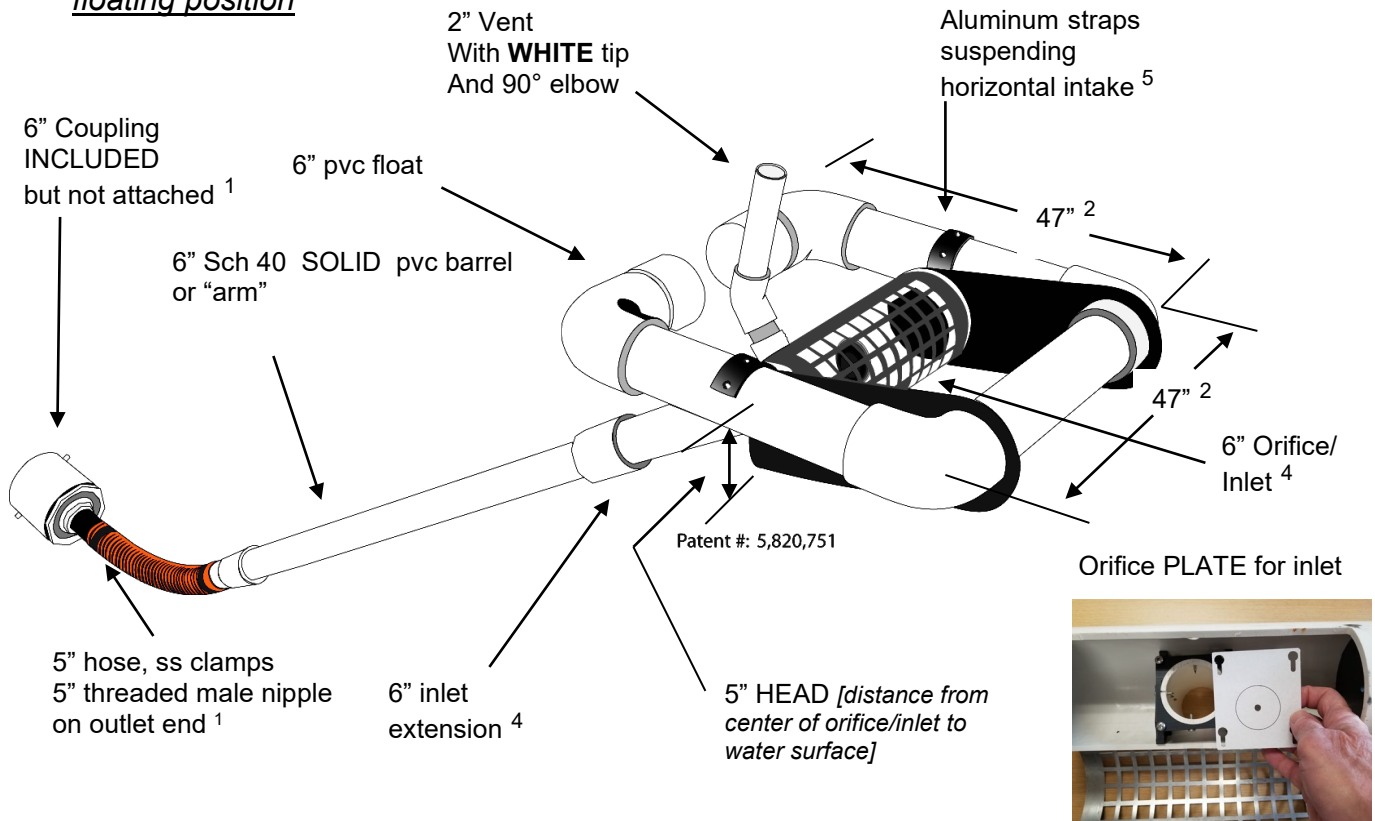


1. Hose is attached to outlet using the threaded 4" nipple. Typical methods used: a) a metal structure with a steel stub out welded on the side at the bottom with a 4" threaded coupling or reducer(s); b) a concrete structure with a hole or orifice at the bottom - use a steel plate with a hole cut in it and coupling welded to it that will fit over the hole in the concrete and bolted to the structure with sealant.
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 minimum length of 8' so the inlet can be pulled to the side for maintenance. If more than 10' long, weight may have to be added to inlet to counter the increased buoyancy.
4. Orifice/inlet tapers down from 5" maximum inlet to a 4" barrel and hose. Barrel is smaller to reduce buoyancy and tendency to lift inlet but is sufficient for flow through inlet because of slope. The orifice/inlet can be reduced using the plate and cutter provided to control the outflow rate – see #6.
5. Horizontal intake is 8" pipe between the straps with slots cut in the inlet and aluminum screen door (smaller than shown in illustration) for access to the 5" inlet and orifice inside.
6. **Capacity:** 32,832 cubic feet per day maximum with 5" inlet and 4" head. Inlet can be reduced by installing a smaller orifice using the plate 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).
7. Ships assembled. User glues inlet extension and barrel, installs vent, cuts orifice in plate and attaches to outlet pipe or structure. Includes float, flexible hose, rope, and orifice plate and cutter. Does NOT include 4" Sch 40 SOLID pvc barrel or "arm" SUPPLIED BY USER.

# 6" Faircloth Skimmer® Cut Sheet

[www.FairclothSkimmer.com](http://www.FairclothSkimmer.com)

Skimmer shown in floating position

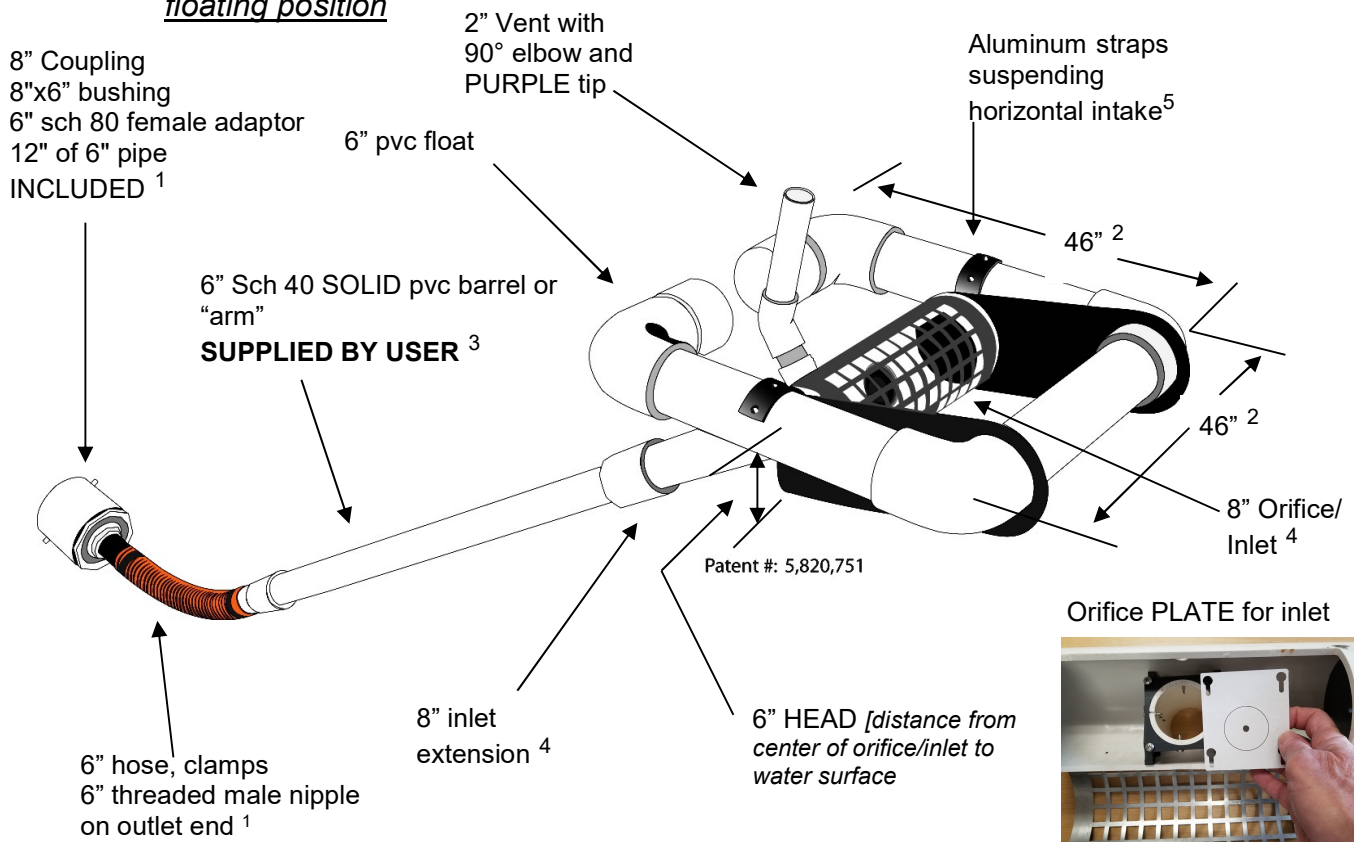


1. Hose can be attached to outlet using the threaded 5" nipple. Typical methods used: a) a metal structure with a steel stub out welded on the side at the bottom with a 5" threaded coupling or reducer(s); b) a concrete structure with a hole or orifice at the bottom - use a steel plate with a hole and coupling welded to it that will fit over the hole in the concrete and bolted to the structure with sealant.
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 minimum length of 8' so the inlet can be pulled to the side for maintenance. If more than 12' long, weight may have to be added to inlet to counter the increased buoyancy.
4. Orifice/Inlet tapers down from 6" maximum inlet to a 5" flex hose. The orifice/inlet can be reduced using the plate and cutter provided to control the outflow rate – see # 6.
5. Horizontal intake is 10" pipe between the straps with slots cut in the inlet and aluminum screen door (smaller than shown in illustration) for access to the 6" inlet and orifice inside.
6. **Capacity:** 51,840 cubic feet per day maximum with 6" inlet and 5" head. Inlet can be reduced by installing a smaller orifice using the plate 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).
7. Ships assembled. User glues inlet extension and barrel, installs vent, cuts orifice in plate and attaches to outlet pipe or structure. Includes float, flexible hose, rope, and orifice plate and cutter. User supplies 6" Sch 40 PVC barrel.

# 8"Faircloth Skimmer® Cut Sheet

[www.FairclothSkimmer.com](http://www.FairclothSkimmer.com)

Skimmer shown in floating position



1. Hose can be attached to outlet using the threaded 6" nipple. Typical methods used: a) a metal structure with a steel stub out welded on the side at the bottom with a 6" threaded coupling or reducer(s); b) a concrete structure with a hole or orifice at the bottom - use a steel plate with a hole and coupling welded to it that will fit over the hole in the concrete and bolted to the structure with sealant.
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 minimum length of 8' so the inlet can be pulled to the side for maintenance. If more than 12' long, weight may have to be added to inlet to counter the increased buoyancy.
4. Orifice/Inlet tapers down from 8" maximum inlet to a 6" barrel and hose. Barrel is smaller to reduce buoyancy and tendency to lift inlet but is sufficient for flow through inlet because of slope. The orifice/inlet can be reduced using the plate and cutter provided to control the outflow rate – see #6.
5. Horizontal intake is 12" pipe between the straps with slots cut in the inlet and aluminum screen door (smaller than shown in illustration) for access to the inlet and orifice inside.
6. Ships assembled. User glues inlet extension and barrel, installs vent, cuts orifice in plate and attaches to outlet pipe or structure. Includes float, flexible hose, rope, orifice plate and cutter. Does NOT include 6" Sch 40 SOLID pvc barrel or "arm" **SUPPLIED BY USER**.
7. **Capacity:** 97,978 cubic feet per day maximum with 8" inlet and 6" head. Inlet can be reduced by installing a smaller orifice using the plate 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).
8. Shipped in cardboard box on pallet. Shipping weight approximately 230 lbs, dimension 49"x49"x24".