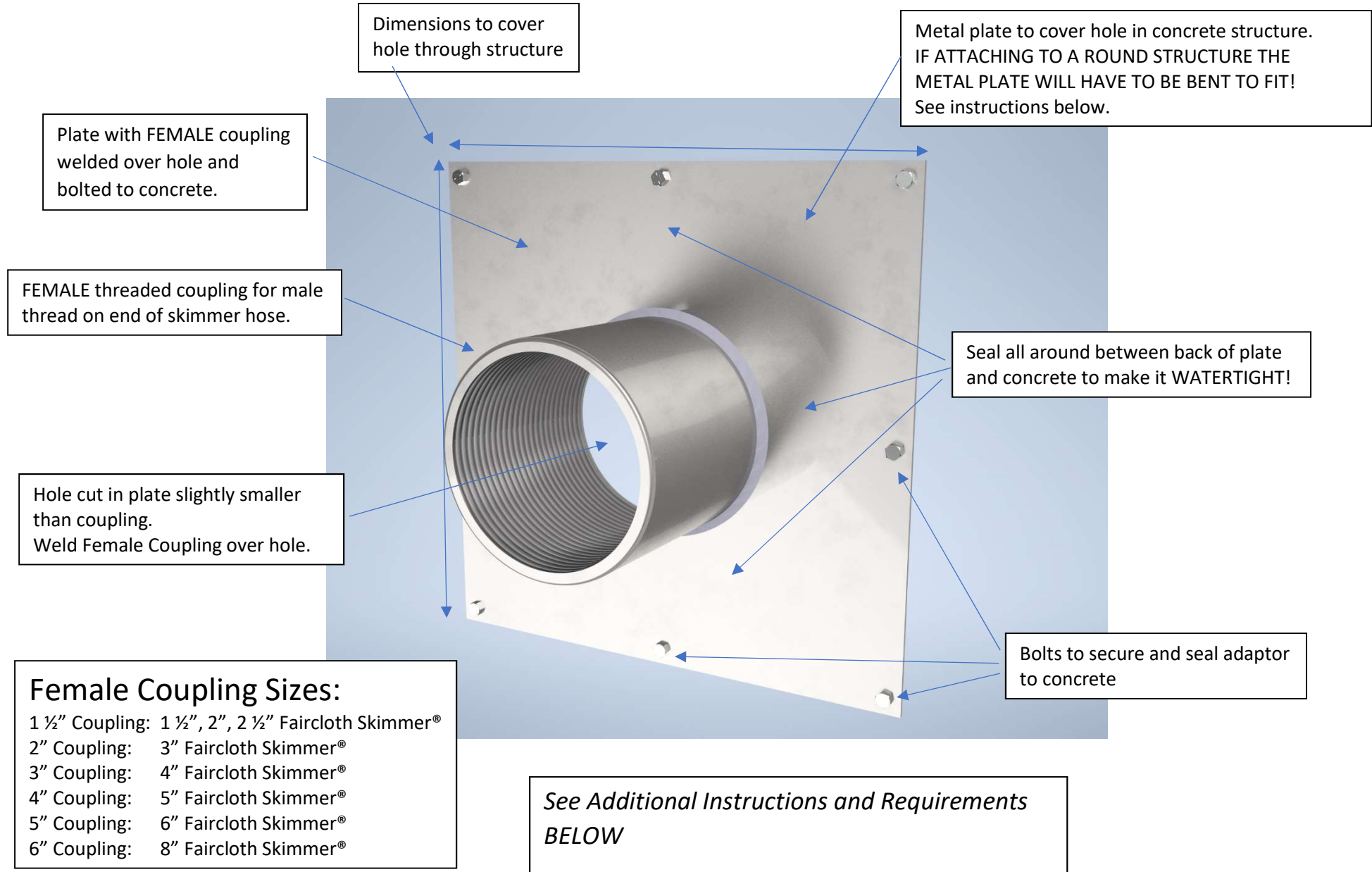


Adaptor for Attaching Faircloth Skimmer® to a Concrete Structure

Instructions for Fabrication; NOT AVAILABLE for purchase

August 2019



Notes: For temporary use bare steel may be adequate. For a permanent installation steel may need to be painted or galvanized.

Needed especially for Faircloth Skimmers 5" and larger because of the force on the connection between the outlet structure and the hose of the skimmer as it moves.

If attaching to a **round structure** the plate should be bent to conform to the curve and the hole for the coupling cut so the coupling

Will fit through the hole slightly so there is little or no gap between the plate and coupling for welding.

Adaptor must be fabricated by the user. They are NOT AVAILABLE from Faircloth Skimmer® because they have to be custom made for each individual installation.

What is needed:

Metal plate

Female coupling of correct size. SEE TABLE ON DRAWING ABOVE.

Bolts and concrete anchors.

Appropriate sealant to make connection watertight.

Necessary tools to fabricate and install.

Basic Instructions for Making and Attaching the Adaptor:

Use a metal plate that will cover the hole in the concrete with enough overlap, at least 3" on each side if possible, for sealing.

Drill holes for the bolts along the edges of the plate, at least 3 holes on each side, at least 8 bolt holes around the perimeter.

Cut a hole in the plate the same size as the inside of the required coupling, unless the structure is round.

Weld the female coupling over the hole in the plate.

Mark and drill holes in the concrete for the bolts, using anchors, to match the pattern in the plate.

Apply the appropriate sealant to the back side of the of the plate to seal the plate to the concrete and make it watertight.

Screw the male end of the hose into the coupling. Depending of the size of the skimmer, a white PVC fitting MAY need to be unscrewed from the hose to get to the male metal threads.

For a Round Structure:

The plate will have to be bent, probably after drilling the bolt holes, to fit the curve of the structure.

The hole cut in the plate may have to be large enough for the coupling to fit through the hole slightly, and then welded as the coupling edge will not fit flush on the curved plate. OR the edge of the coupling cut or ground down to the required curve to fit the curved plate.