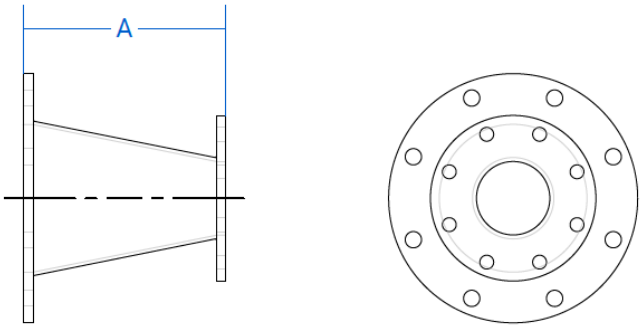
Concentric Reducer Written Specification

The Aquify family of fiberglass concentric reducers are specifically engineered for high-performance applications in aquatic filtration system design. These concentric reducers facilitate a seamless transition between different pipe sizes while preserving a consistent centerline. They are ideal for use with pumps on both suction and pressure flanges, helping to minimize turbulence and prevent the formation of air pockets.

1. Scope
   1.1. This specification covers requirements for fiberglass tees for use in piping systems where corrosion resistance and higher pressures and/or temperatures are required.
2. Design
   2.1. For use in water, chlorinated water, salt water.
   2.2. Concentric reducing type.
   2.3. Load rated for 25 psi at 135°F.
   2.4. Flanges are flat faced and sized according to PS-15-69 with ASME Class 150 drilling pattern.
   2.5. Reducers will include an integral ¼in NPT fitting.
3. Construction
   3.1. All reducers are made with multilayer filament wound fiberglass laminate with UV inhibitors.
   3.2. Exterior is coated with a blue epoxy resin to provide an additional layer of protection.