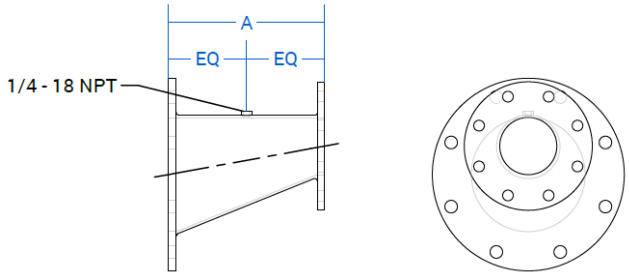
Eccentric Reducer Written Specification

The Aquify family of fiberglass eccentric reducers are specifically designed for high-performance applications in aquatic filtration system design. Eccentric reducers provide a smooth transition between pipe sizes while maintaining a consistent top profile. These reducers are integral components of Aquify filtration systems and are commonly used on the suction side of pumps to prevent air accumulation within the pipe.

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. Eccentric reducer type, integral, and flanged.
   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 an epoxy resin to provide an additional layer of protection.