



The economics of air pollution control has never been more important. With material costs escalating, labor rates rising and emission limits changing, it is critical to keep the installed cost of wet scrubbers as low as possible. For decades, traditional ANSI flanged connections have provided a simple and rugged piping to nozzle interface, but market changes have made other economical options available.



Since 1950, BETE Fog Nozzle, Inc. has been designing and supplying products to meet our customers' evolving needs. In addition to spray nozzles, BETE uses *innovative connection designs to minimize overall installation costs.*

Our engineering staff is on call and dedicated to assisting your design team.

The grooved piping system of Victaulic® significantly reduces the scrubber cost relative to flanges, but still provides the flexibility of a non-permanent nozzle connection that direct-bonded doesn't allow. This saves on the total "as installed" cost relative to flanges by reducing the time needed to install the nozzles, decreasing the quantity of corrosion resistant fasteners, eliminating the pipe flange, and reducing the nozzle weight. Victaulic® connections can be specified for all BETE absorber nozzle designs.

Direct-Bonded connections use adhesives with FRP adapters and piping to make the nozzle to pipe interface permanent, thereby reducing installation costs. Direct Bonded connections are limited to nozzle designs that allow sufficient clearance to install the FRP adapter. Contact BETE for specific applications.



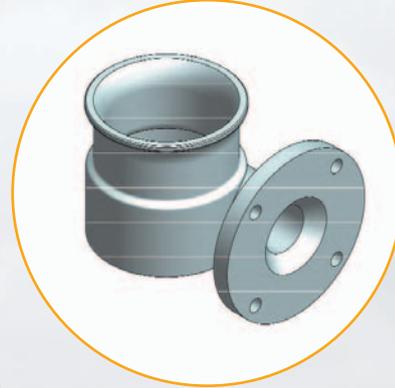
If your new or retrofit project demands traditional **flanged** connectors, BETE can also help. Our engineers will work with you to minimize the flange size and reduce your materials costs. Integral or slip-on flanges can be specified for BETE absorber nozzles.

Other options are available, and we are always willing to build to our customers' specifications. At BETE, we offer more design choices so you don't have to compromise performance for economy. Why would you turn to anyone else?

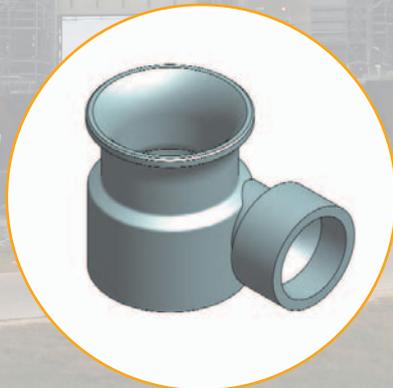
CONNECTIONS



**Victaulic®
Connection**



**Flanged
Connection**



**Direct-Bonded
Connection**

PERFORMANCE THROUGH ENGINEERING

BETE®

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Ask us. We know connections for FGD.