

PENN SEPARATOR BLOWOFF TANK AND ACCESSORIES

SUGGESTED SPECIFICATIONS

Furnish and install as shown on drawings a traditional style Vertical Blowoff Tank as manufactured by the Penn Separator Corp. The tank shall be designed to meet the requirements of the National Board Boiler and Pressure Vessel Society or designed for the State or Providence of _____ if different.

The tank shall be open to atmosphere type and operate at an internal pressure not to exceed 5 psig. The tank shall be ASME Code Sec. VIII, Div. 1 rated for a design pressure of 50 psig min. or _____ as required.

The recommended tank dimensions shall be _____" OD X _____" Height X _____" Thk.

A _____" tangential inlet with stainless steel wear plate shall be provided. The inlet shall match the size of the blowdown valve or manifold for which it is used on.

The vent _____" shall be as direct as possible to atmosphere and shall be sized for a maximum pressure drop of 1psi or maximum velocity as specified by National Board. The vent noise shall not exceed 90 dB(A).

An overflow outlet _____" shall be used which extends to within 6" of the bottom of the tank and include a siphon break. An external aftercooler fitting Model No. _____ shall be supplied with a _____" self actuating temperature regulator valve to provide 140°F condensate outlet temperatures for units with multiple blowdown or other flows.

The tank shall be supported with a set of angle legs 12" high.

A manway shall be provided for inspection purposes on 42" O.D. and larger units. Couplings would be provide for inspection ports on 36" O.D. and smaller units.

Connections shall be provided for required tank accessories which include a level gauge, pressure gauge, and thermometer. Couplings would also be supplied for tank clean-out and cold water inlet.

The exterior shall be power tool cleaned and a coat of shop primer applied. A skid shall be used to protect the unit during shipping. The tank shall carry a full 1 year warranty against materials and workmanship.



Penn SEPARATOR CORP. • P.O. BOX 340 • BROOKVILLE, PA 15825

Manufacturers of boiler auxiliaries and pressure vessels to ASME Code