



AIR & DIRT SEPARATORS

TYPICAL SPECIFICATIONS

ADS Series Separators

Furnish and install, as shown on plans, an air & dirt type separator. The unit shall have ____ (NPT/flanged/grooved) inlet and outlet connections. An NPT vent connection shall be fitted to the top of the vessel to enable installation of an air vent. Separators shall have all steel body construction.

The unit shall have a filter consisting of 5 concentric stainless steel mesh screens with the capability of removing particles as small as 5 microns.

The unit shall be capable of removing 98% of the free air on its first pass at flow rates of 4 feet per second or less.

The separator must be designed, constructed, and stamped for (125) (150) (____) psig @ 450°F (232°C) in accordance with section VIII, Division 1 of the ASME Boiler and Pressure Vessel Code, and registered with the National Board of Boiler and Pressure Vessel Inspectors. The separator(s) shall be painted with one shop coat of red oxide primer.

A manufacturers' Data Report for Pressure Vessels, Form U-1 as required by the provisions of the ASME Boiler and Pressure Vessel Code shall be furnished for each separator upon request.



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