**Vortex Air Separator**

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Typical Specifications

Model VAS (with system strainer)

Furnish and install as shown on plans, an Armstrong air separator with tangential inlet nozzles. The Vortex air separator, Model ………………. shall be designed and constructed in accordance with Section VIII, Div 1 of the ASME Boiler and Pressure Vessel Code. The unit shall be fitted with an NPT vent connection (for connection to a compression tank or an air vent)

An additional NPT tapping shall be provided on the bottom of the air separator to facilitate blow-down.

The air separator shall be equipped with a system strainer with a free area of not less than four (4) times the cross sectional area of the connecting piping. The strainer should be able to be removed for routine cleaning.

All models are to be equipped with stainless steel strainers.

The unit will operate for an input flow rate value of ………………. a working pressure of ………………. and a working temperature of ……………….

2”, 2.5”, 3” models should be supplied with a cast iron body and NPT system connections, while 4”, 5”, and 6” models should be supplied with a cast iron body and ANSI flanges. 8” to 24” models are to be supplied with a fabricated steel body and carbon steel ANSI flanges.