

# Air Release Valve

The Saniquip air release valves offer a simple automatic means of releasing trapped air from a process line or vessel without allowing the process liquid to flow out.

The design is such that air is prevented from entering the line or vessel, even if subjected to negative pressure. It is a double seated valve with a "floating" polypropylene ball which closes against either the upper or lower seat depending on the pressure conditions.

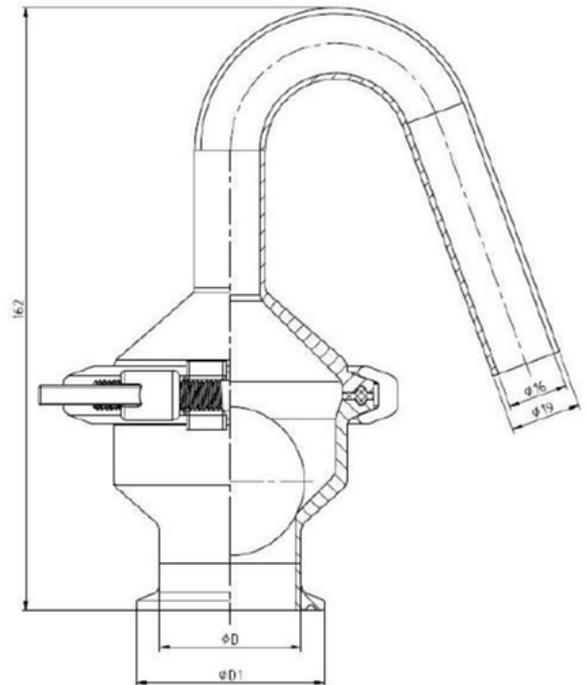
In a pressure situation, the ball is lifted from the lower seat and air can escape until the product lifts the ball against the upper seat, closing the valve.

In a negative pressure situation, the ball is sucked closed against the lower seat. Air release valves are typically used to release air pockets from process pipework (installed on top of the line at the highest point) or to reduce pump cavitation (installed on top of the line on the suction side of a pump).

A relatively low liquid flow velocity at the valve inlet is recommended for best positioning of the ball. Under certain flow conditions, a small amount of product "spitting" could occur.

## Features

- 1" Connection size as standard. Larger 1½" size also available
- Sanitary clamp process connection as standard
- Sanitary clamp valve body connection for quick and simple assembly and disassembly
- Replaceable ball and seal (various seal materials available)



Size	ØD (mm)	ØD1 (mm)
1"	25.4	50.5
1½"	38.1	50.5

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