

JFD Float / Check Valve Pt No C1306A

Background

Due to an incorrect installation observed on a recent service visit JFD are issuing the following guidance to users of the JFD Gasmizer system.



ISSUE

This component is fitted to both the Low Pressure Reprocessing Unit and External Bell Equipment but is installed differently, and fulfils a different function on each. In both cases, it is essential that the item is installed vertically with the gas flow direction correct for the particular location. More recently, the exterior of the item has been clearly marked with the correct flow direction for each purpose, however, this may not always have been the case.

The interior of the component is as shown in the cross section below.

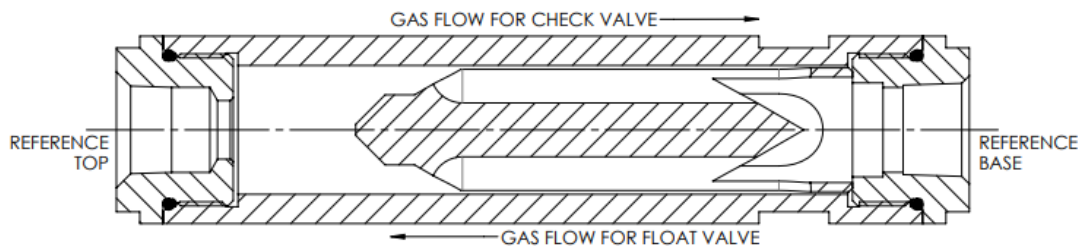


Figure 1

On rocking the item, it will be seen that the internal float/valve moves freely from end to end of the housing and that it is straightforward to visually determine the sealing end (reference top).



Low Pressure Reprocessing Unit (Float Valve Configuration)

The component must be installed vertically, with the sealing end upwards as shown in Figure 2.

The reclaimed gas will proceed from Filter 1 into the bottom of the Float Valve and onwards to the BPR. Any water moving beyond Filter 1 will lift the float and prevent water contamination of the Receivers and Booster.

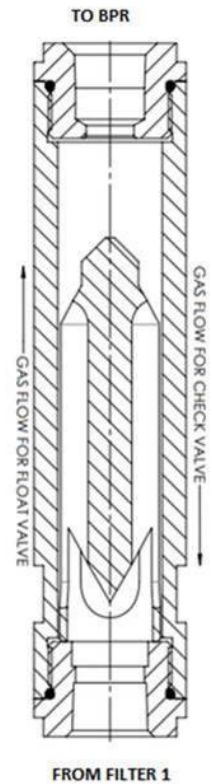


Figure 2



External Bell Equipment (Check Valve Configuration)

The component must be installed vertically, with the sealing end downwards as shown in Figure 3.

The reclaimed gas will proceed from the penetrator into the bottom of the Check Valve and on to the External Water Trap. The main reclaim umbilical can be pressurised without pressurising the internal bell equipment.

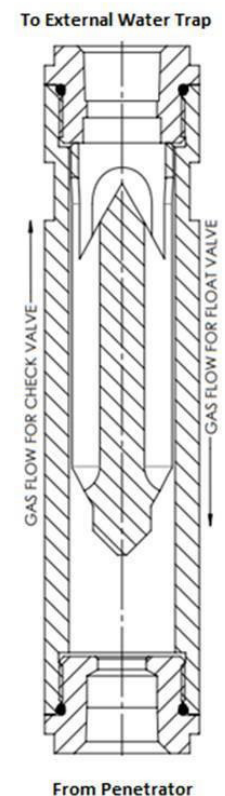


Figure 3

If you have any queries or need any additional information, please contact our Sales Office at sales@jfdglobal.com