

Chlorine Gas Filter

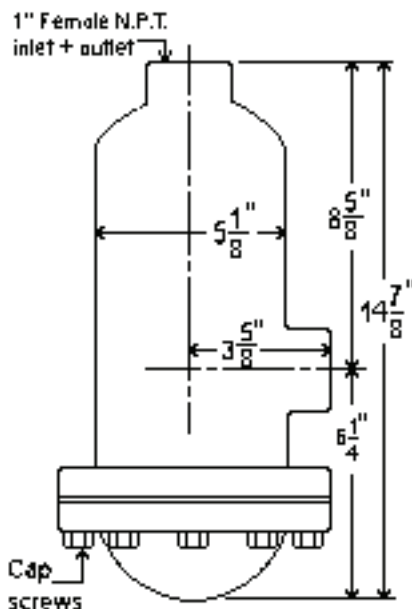
Impurities are inherent in chlorine gas because it is packaged in steel containers. The principal impurity being Ferric Chloride. The amount of Ferric Chloride that deposits out in a chlorine gas system is a function of the quality of the chlorine used.

Impurities will always precipitate out of gas if it re-liquefies. This is a common occurrence at points where there is a sudden pressure drop or varying temperatures.

A chlorine filter will remove the nuisance causing impurities in chlorine gas. The filter has two chambers. The lower portion acts as a trap for liquid impurities. The sudden enlargement decreases the velocity so that gas is unable to carry entrained droplets of liquid chlorine which is high in Ferric Chloride. The upper portion has a removable filter cartridge. The filter element is especially impregnated so that the Ferric Chloride "plates out" rapidly as it passes through the element. Therefore the filter acts as both a filter and a condensate trap.



- The CIS-282 Filter is made of 25,000 lb. Tensile strength grey iron castings and is rated at 560 PSI working pressure.
- The CIS-282 filter should be used on any installation using one ton chlorine cylinders regardless of chlorination capacity and on any installation using an evaporator.



Ordering Information

Part Number	Description
CIS-282	1" FNPT Chlorine Gas Filter
CIS-2821	Replacement Filter Insert
CIS-282P	Replacement Filter Pad (Set of 6)
CIS-282G	Replacement Lead Gasket