

APPLICATION Water Flooding

Application: Liquid/Solid
(water flooding)

Why process?

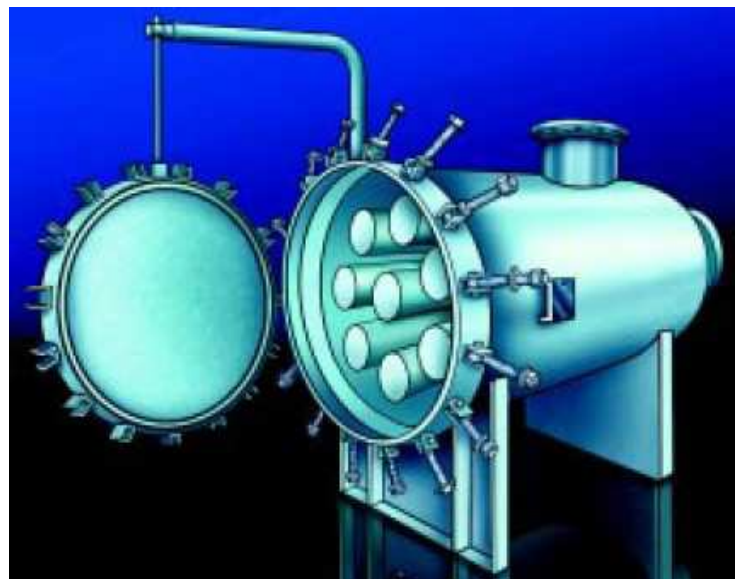
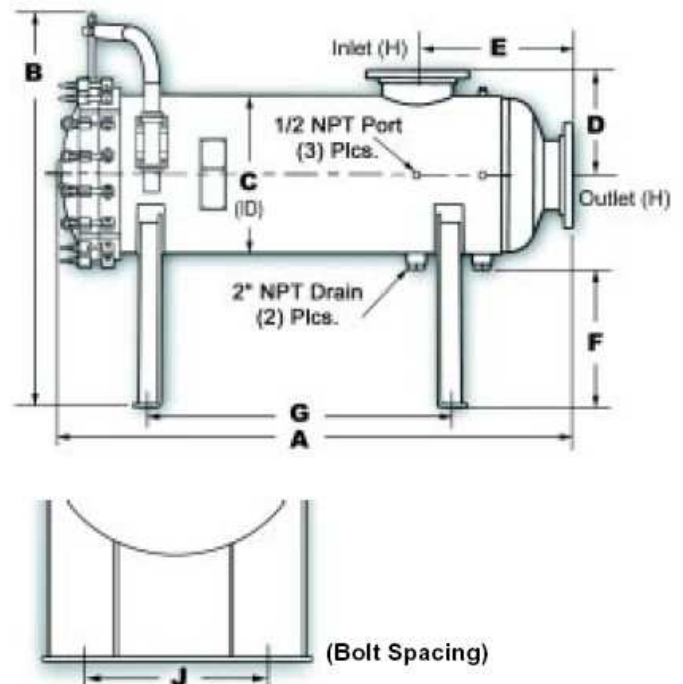
Water injection into a crude oil pit either uses the water extracted together with the oil and the gas or complementary feed water. To prevent clogging of the pit pores the water should be screen at a cut off level set by geological analysis.

Which process?

The standard configuration consists in:
A first filtration stage with wounded polypropylene cartridges with suitable cut off level (approx. 5 microns). This pre-filtration stage protects the second stage with low cost cartridges.

A second filtration stage with technically more sophisticated and lower cut off level cartridges. These cartridges are either wounded or folded types with performance guarantee.

The cartridge filters are generally manufactured according to ASME VIII div 1 guidelines. They can be also fitted with removable basket for quick replacement of the filtration stage.



LEFCO can also supply cartridges made of stainless steel, sintered stainless steel, bound polypropylene fibres or cartridges with cut off level lower than one micron.

Our product range also includes basket screens for protection applications.

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