

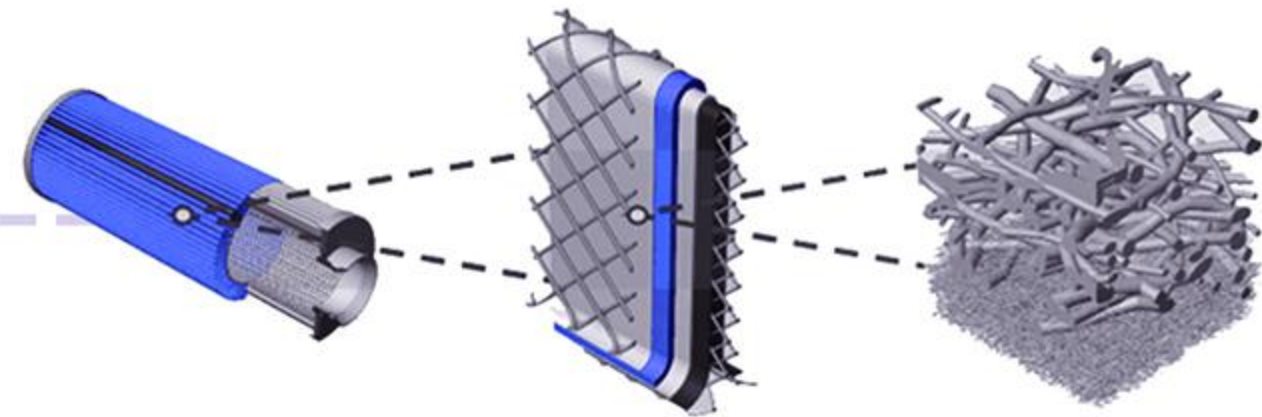
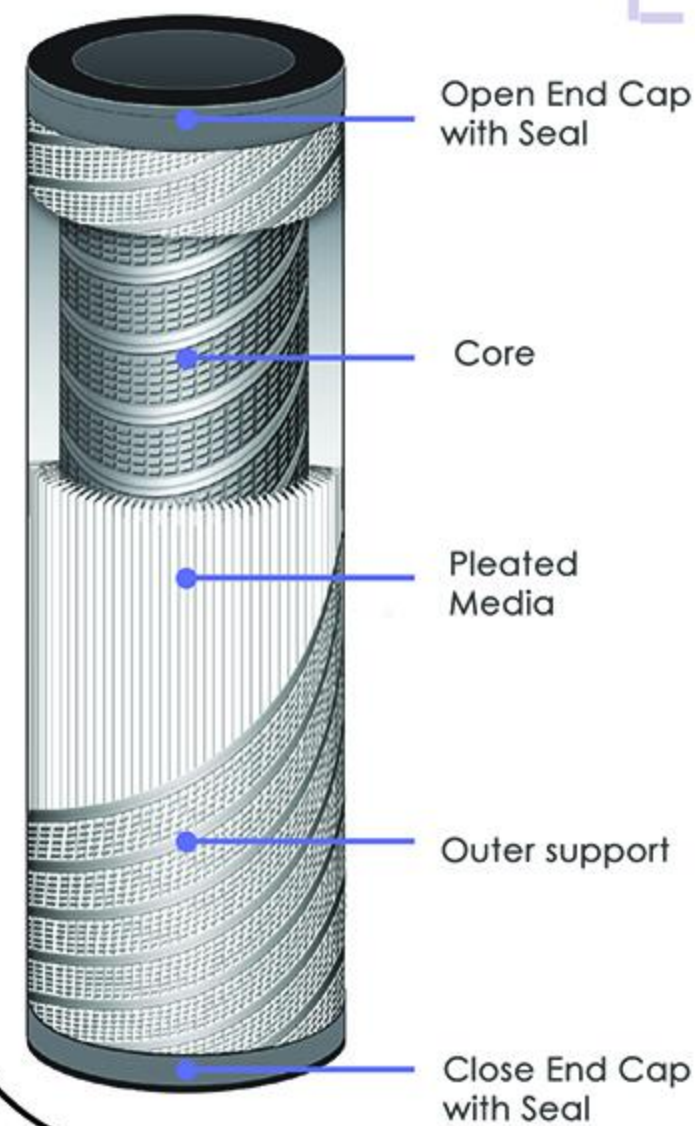
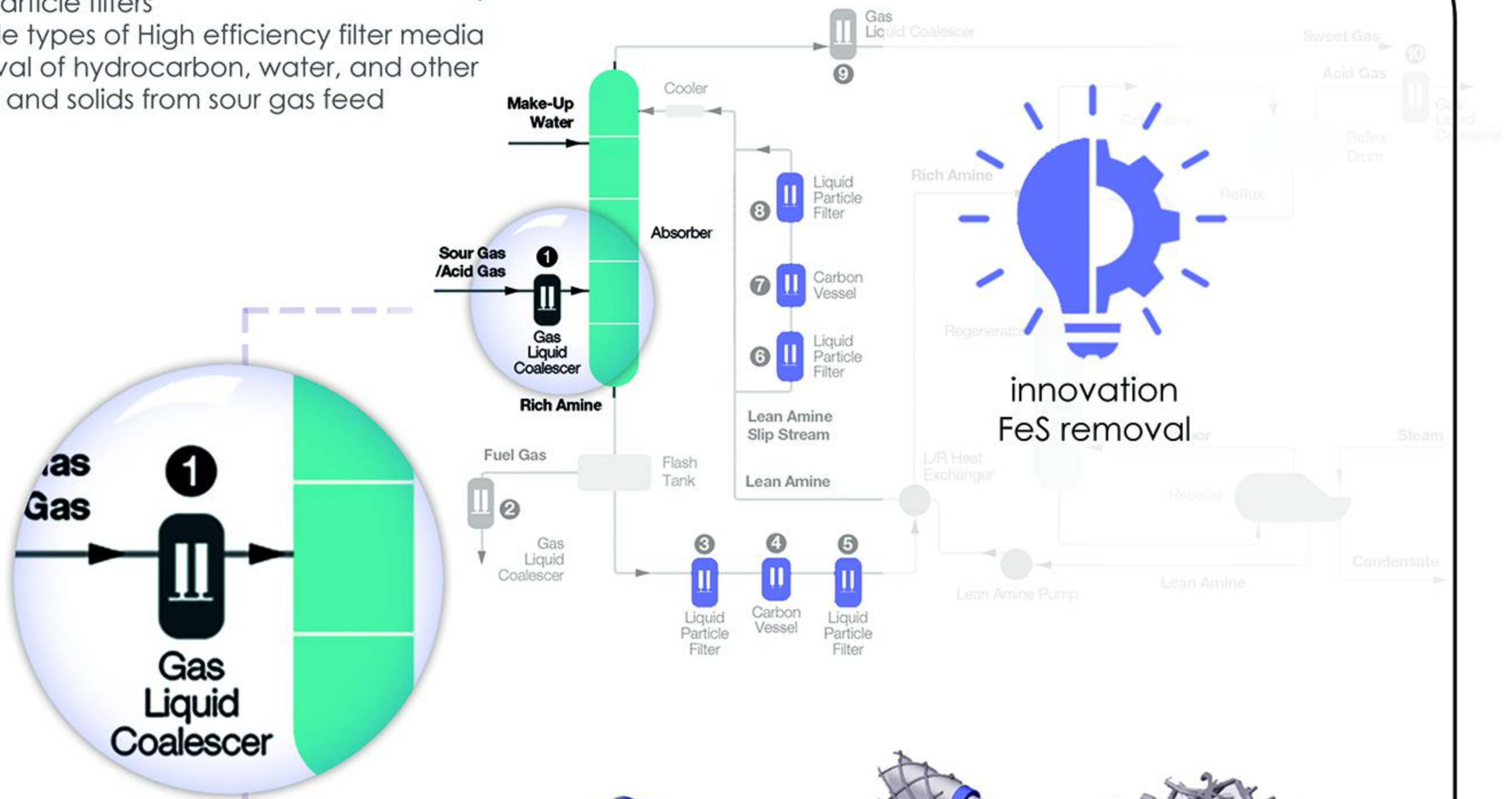


پوروشات
POROSHAT
f i l t e r

Refinery Filtration & Separation Solutions

Gas Sweetening Filtration

- liquid /gas coalescers
- solid particle filters *
- Multiple types of High efficiency filter media
- Removal of hydrocarbon, water, and other liquids and solids from sour gas feed



Benefits of an optimized filtration/separation system :

- Reduction of burner tip fouling
- Reduction in absorber (contactor) plugging
- Prevention of amine foaming
- Reduction in use of costly anti-foaming inhibitors
- Reduction in equipment fouling
- Increased carbon bed life
- Reduced amine consumption
- Lower operating and maintenance costs

MORE INFO.



Glycol Regeneration Filtration

Challenge:

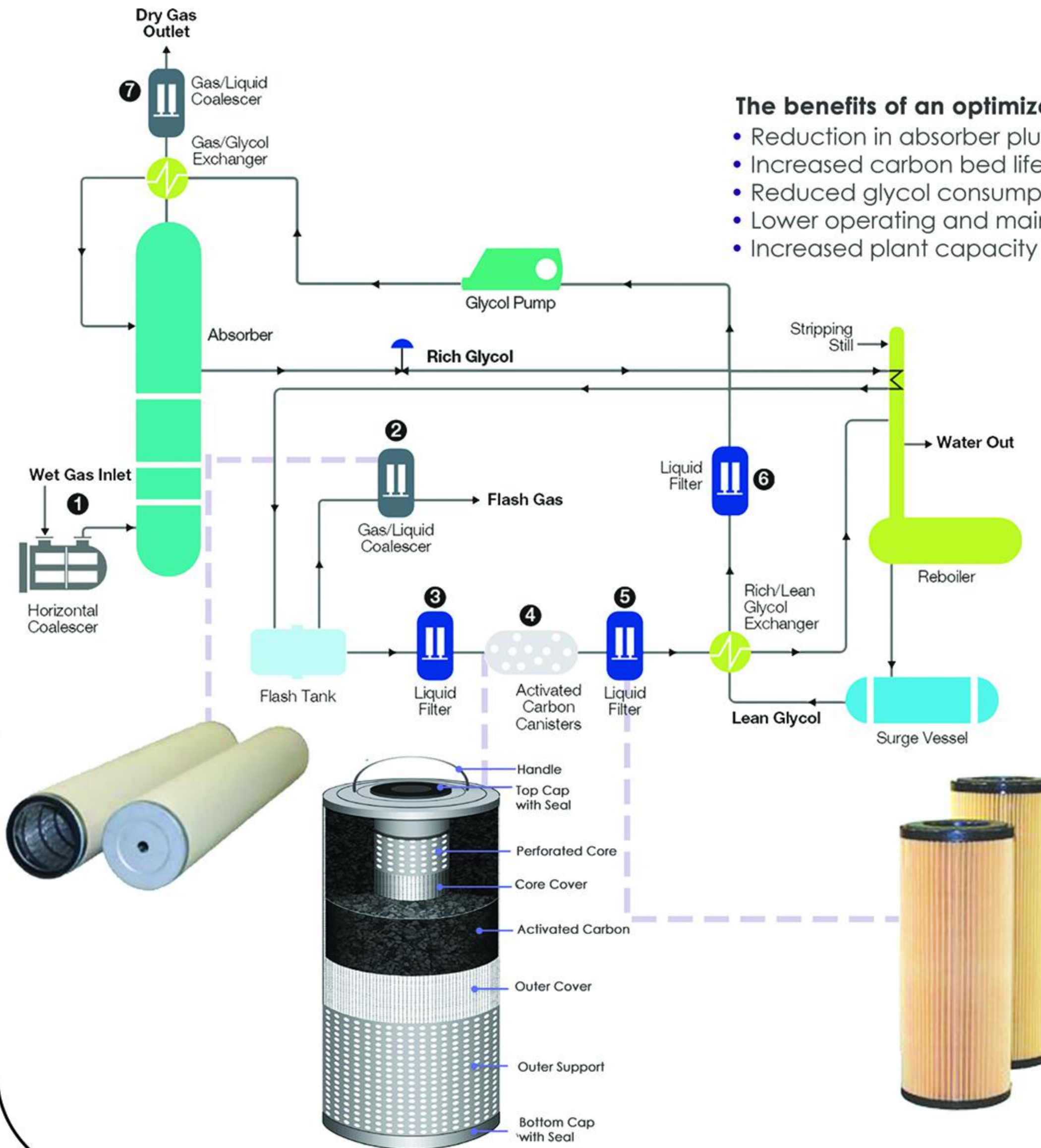
- Foaming can result in glycol losses, and reduces production rates.
- Solvents and hydrocarbons penetrate the glycol loop.

Solution:

- prevent foaming, fouling, and minimizes glycol loss.
- Extends life of carbon adsorber by reducing contaminant that can occupy the effective contact area
- Improve dehydration productivity and reliability

The benefits of an optimized filtration:

- Reduction in absorber plugging
- Increased carbon bed life
- Reduced glycol consumption
- Lower operating and maintenance costs
- Increased plant capacity



MORE INFO.



After Dryers Filter(mercury guard)

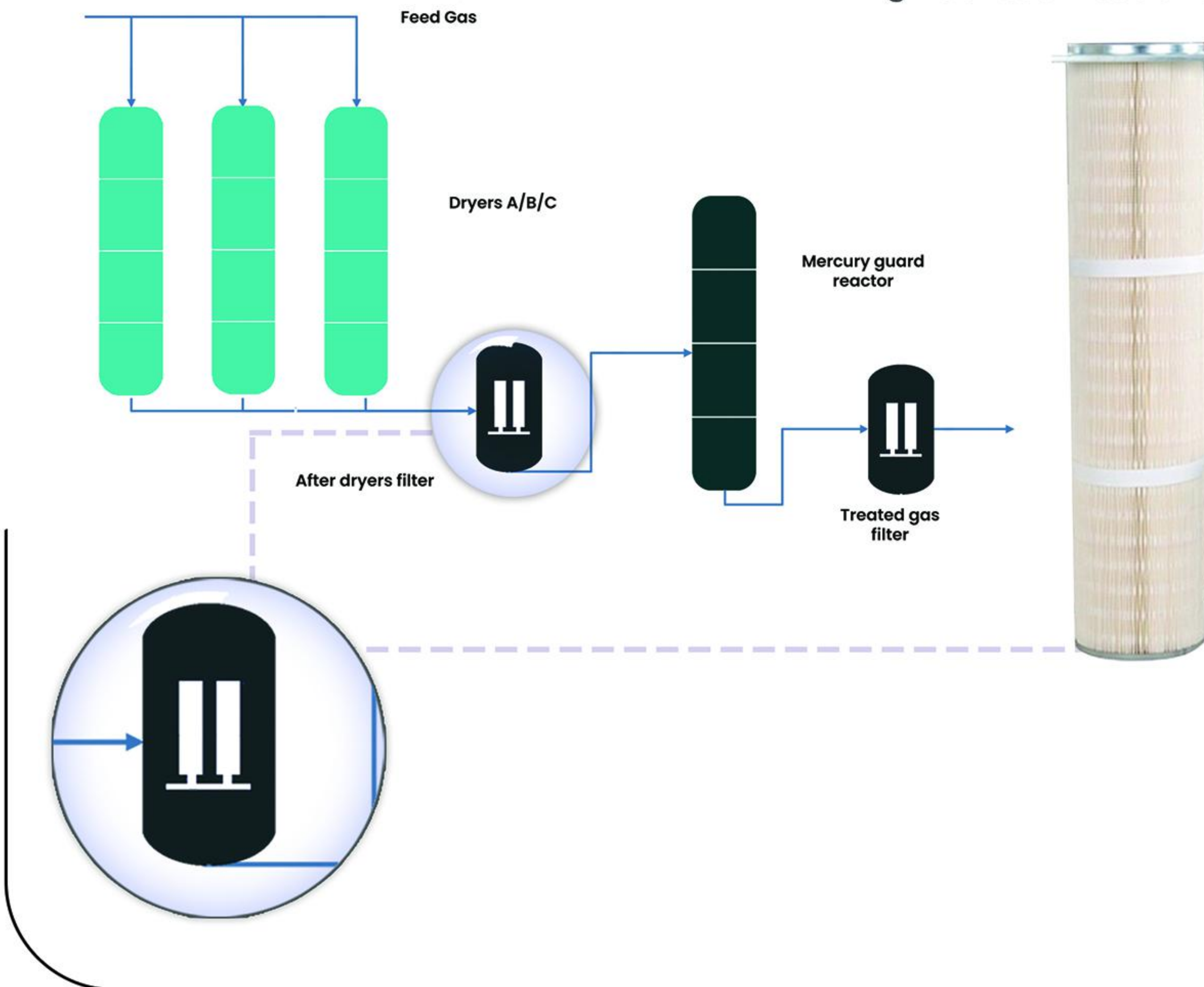
Challenge:

- Damage to downstream process equipment due to entrainment of desiccant fines in the mercury-free gas stream

Solution:

- Ensure productivity and reliability by protecting downstream equipment such as cryogenic heat exchangers, compressors and catalyst beds through effective solids control downstream of the adsorption beds.
- Protect metering, downstream processes and other instrumentation from abrasive adsorbent fines.

- Up to 99% efficiency at 5 micron
According to EN779-2012
- High Corrosion resistance structure



MORE INFO.



Candle Filters



Features

- a variety of porous metal filter media.
- Wide range of filtration efficiencies
- High dirt holding capacity.
- High temperature and corrosion resistance.

Benefits

- Assured production and quality by meeting caustic filtration specifications.
- Prevents downstream unit downtime from caustic contamination of catalytic processes
- Improves sulfur plant reliability and safety

Application

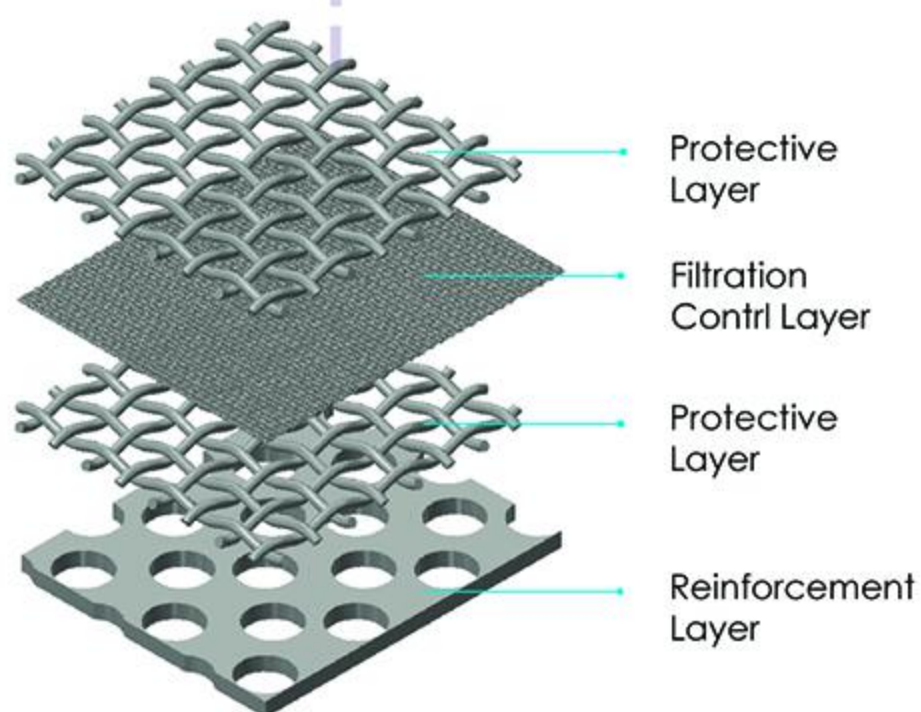
- Caustic Treatment
- methanol filtration
- Sour water stripping unit



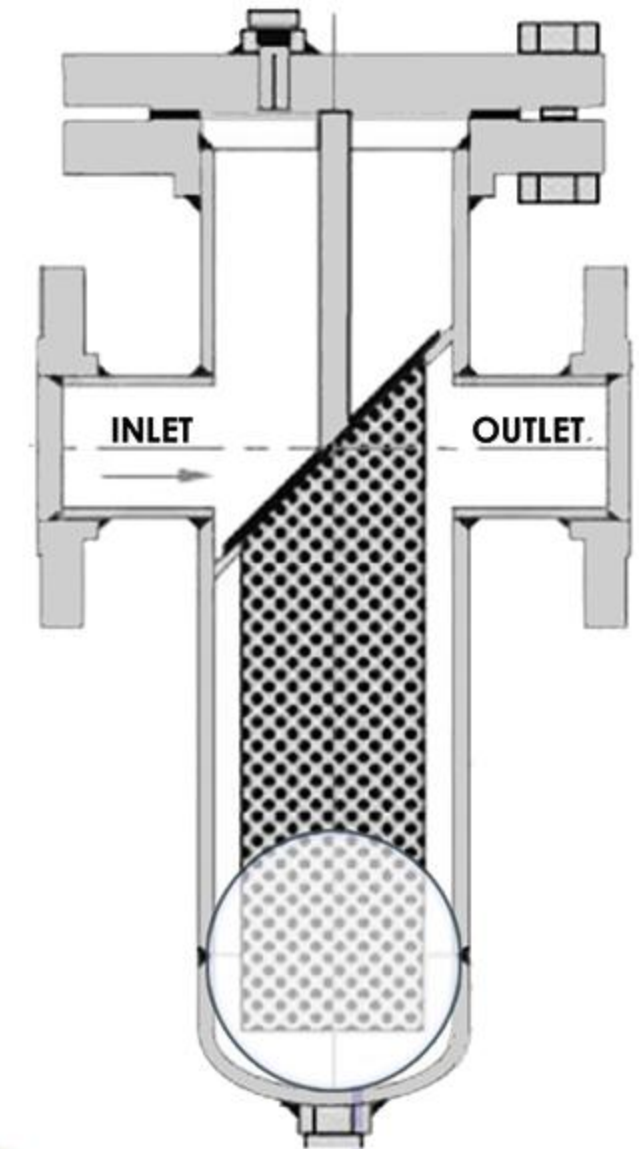
Section



Detail



Basket Filters STRAINER



MORE INFO.



Liquid and Gas Filter Housings

Fine filtration of liquids and gases is a key part of many production processes. These housings have been specifically designed to meet the many requirements of these demanding applications.

Properly designed and implemented filtration equipment is paramount for the protection of critical processes. This product can be applied in a myriad of applications from compressor suction and protection to final measurement and regulation stations.

- Vessel diameter:
8" to 40" other custom sizes available
- Design Code:
ASME Boiler & Pressure Vessel Code Section VIII Div. 1
- Materials of Construction:
Carbon Steel ,304, 304L, 316, 316L Stainless Steel,
Low Temperature Materials
- Standard Design Pressures:
ANSI 150 to ANSI 900
- Closure Options:
Draw Bolt, Internal Door, and Flange
Internal Locking Door
- Non-destructive Test (NDT)
- Corrosion resistant coating



MORE INFO.



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