

E - 07 - GAS FILTER COALESCER

Taravosh Jam is a Manufacturer in Iran & Middle East for design and delivery of the Gas Filter Coalescer. The technology consists of solids filtration, coalescence, and separation.

The principal of Operation:

The first step is to remove the solid contaminants using a cartridge filter. Solids can increase the stability of an emulsion and can plug the coalescer, thereby reducing its efficiency. Removing solids will precondition the fluid for optimum coalescer performance. During coalescence, the droplets to be separated from the bulk fluid are captured by the high-performance coalescer medium. The droplets then move through the coalescer media (with progressively larger pores) and are coalesced to form larger droplets. Lastly, the large droplets are released. After the droplets are released from the media, the phases are separated either by phase separators or by gravity in the settling zone.

The gas filtration, based on the work of industrial filters, is a process by which solid particles or liquid particles in the gas are separated by a porous network. suitable filter element

Adequately used in process conditions and gas combustion and high temperature absorb solid or liquid particles

Minimum pressure drop

ASME standard

Self-cleaning filter(if request)

Applications:

- Input Of Gas Stations
- Natural Gas Well
- inlet Gas Compressor
- Natural Gas Sweating and Amin Unit
- Gas Dehydration Treatment/TEG Unit

Gas strainer

The Gas strainer can remove large solid particles.

Dry Gas Filter

The dry gas filters can absorb solid particles.

Filter Separator

The Filter Separator can absorb solid or liquid particles.

