PRESSURE VESSEL

Cyclone Separator

Cyclone Separator uses centrifugal force to efficiently remove solid particles and liquid droplets. It is suitable for natural gas and other non-corrosive gases and delivers high separation efficiency and reliable performance. Typically deployed at large natural gas stations, it removes impurities—such as particles and droplets larger than 5 μm—from upstream pipelines to protect downstream equipment. The separator consists of a cylindrical shell, cyclone elements, and spray pipes, etc..

Filter Separator

Filter Separator uses filtration–separation elements to efficiently remove solid particles and liquid aerosols. Suitable for natural gas and other gas media, it is typically deployed at large natural gas stations to eliminate impurities—such as particles and droplets smaller than 5 μm—from upstream pipelines, safeguarding the operation of downstream critical equipment. The vessel generally comprises a shell, quick-opening closure, filter cartridges, a demister, and a liquid collection chamber, etc..