

General Description

H Filter Series

The high efficiency filter is designed to remove liquids and solids from compressed air. The filter removes particles down to 0.01 micron-liquids down to 0.01 mg/m³ W at 21°C (0.01 ppm W at 70°F). The initial dry pressure drop at rated inlet air pressure and rated flow will not exceed 1 psig, where as the initial wet pressure drop will not exceed 3 psig.

These filters should be preceded by a G pre-filter. The H series is especially suited for applications such as protecting instrumentation systems and gauging equipment, air bearings, advanced pneumatic and in sophisticated process and electronic plants.

The filter utilizes the coalescing method for removing contaminants. The filter elements are easy to replace with a no-touch process. They are constructed of multi-layered borosilicate microfiber media; glass filled nylon end caps, and perforated stainless steel inner and outer support cores.

The housing is constructed of either pressure die-cast aluminum, extruded aluminum or pressure vessel quality steel. The filter has an automatic drainage system for constant removal of contaminants.

The no-touch process makes element replacement a quick & easy task. The durable stainless steel element inner and outer core will withstand sudden pressure surges up to 100 psig. The element top end cap has an over molded seal and patented tapered location that ensures a perfect seal.