

# FN Series Coalescing Filter Grade H

FN850IH – FN2720IH

Compressed Air Systems & Service  
Davidson, NC 28036

Date: 1-Aug 2015  
Cancels: All Previous

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## GENERAL INFORMATION

The high efficiency filter is designed to remove liquids and solids from compressed air. The filter removes particles down to 0.01 micron with a .01 ppm micron oil carryover. The initial dry pressure drop at rated inlet air pressure and rated flow will not exceed 1.5 psid, where as the initial wet pressure drop will not exceed 3 psid. 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 multilayered 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.

With the push-fit element design, the filter bowl needs minimal clearance from the ground for element removal. Side and bottom drain ports permit many draining options. Electrophoretic coating eliminates corrosion and insures long housing life. The durable stainless steel element inner and outer core will withstand sudden pressure surges up to 100 psig. The element top end cap has a dual o-ring design that ensures a perfect seal.