



# Air Filtration

## General Purpose Series

Compressed Air Systems and Services  
Davidson, NC 28036

Date: 1-July-2014  
Cancels: All Previous

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### GENERAL DESCRIPTION

The general purpose filter is designed to remove solid and liquid contaminants from compressed air. This filter will remove oil, water, dust, metal particles and pipescale. Solids will be removed down to 0.1 micron and liquids down to 0.03 mg/m<sup>3</sup> at 21° C / 0.03 ppm (W) at 70° F. The initial rated pressure drop at the inlet air pressure and rated flows will not exceed 1.0 psid.

The housing on the FA2700IG and smaller filters shall be precision die cast aluminum with a proprietary coating to eliminate corrosion on internal and external head and bowl surfaces. Automatic drain valve is included as standard.

The housing on F3000IG and larger filters shall be ASME pressure vessel quality carbon steel.

The element is constructed of a multi-layered borosilicate microfiber media, glass filled nylon end caps, and expanded stainless steel inner and outer support cores.

The no-touch process makes element replacement a quick and easy task. The durable stainless steel element inner and outer core will withstand sudden pressure surges up to 100 psig.