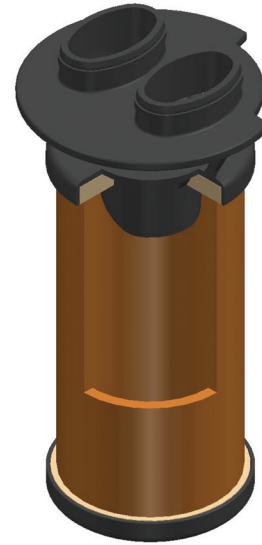




Prefilter element for the removal of particulate contaminants in gases.

Donaldson B prefilter elements utilize a highly porous sintered media for absolute filtration of particles down to 25 µm in size. The primary filtration mechanism of this media is sieving, which captures most particles near the surface allowing for regeneration of the element and reduced operating cost through fewer element change-outs. Although the B element is primarily used as a particulate prefilter, a simple reversal of flow through the element allows the B element to be used as an effective course coalescing filter element, removing bulk quantities of water and oil from an air or gas stream (standard housings are equipped with an internal float drain, so no special equipment is required).

The high-grade sintered bronze media ensures not only a high load capacity of contaminants, but also long life through its resistance to aggressive condensates and its ability to be regenerated many times.



**B Particle
Filter Element**

APPLICATIONS

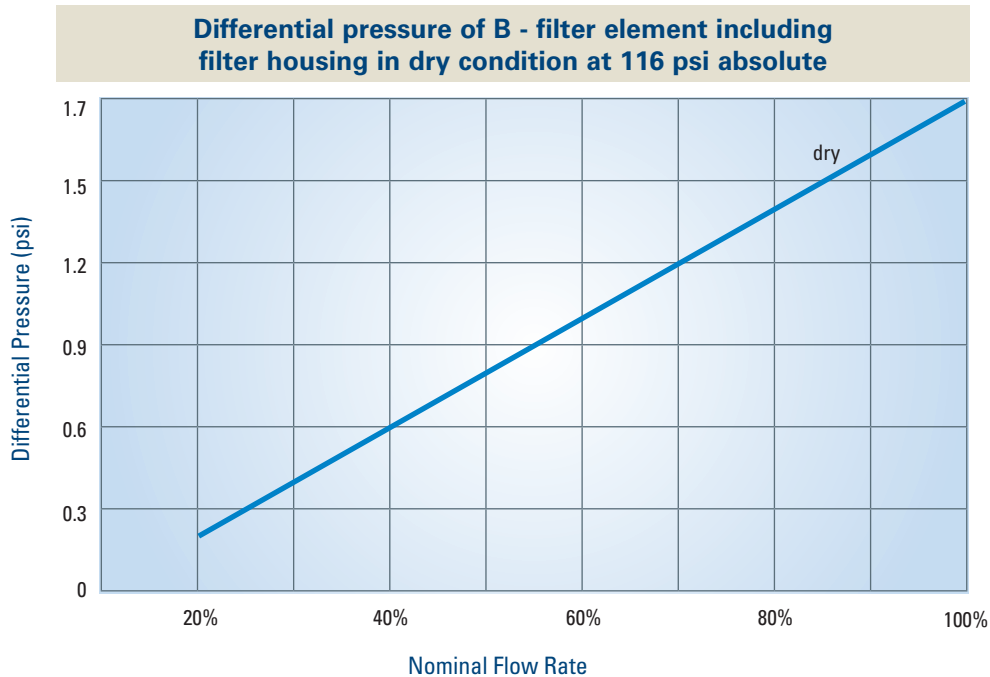
B filter elements are ideal in the following industries and applications:

- Particulate prefilters upstream of final filters
- Centralized prefiltration in compressor rooms
- Course coalescing after cyclone separators and before fine coalescers
- Installations with aggressive condensates

FEATURES	BENEFITS
Void volume - porosity grade larger than 60%	High dirt holding capacity Lower differential pressure
Regenerative - repeatable regeneration possible, combined with exact rates	Economical, longer service lifetime
Removal of contaminants down to 25 µm	Absolute retention

SPECIFICATIONS

MATERIALS		Retention Rate	> 99.98% at 25 µm in gases
Filter Medium	Pure sintered bronze material no. 2-1052		
Bonding	Polyurethane		
End Caps	Glass fiber reinforced polymer		
Two O-Rings	Viton: silicone free and free of compound (standard)		



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B Particle Filter Elements (10/14)

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