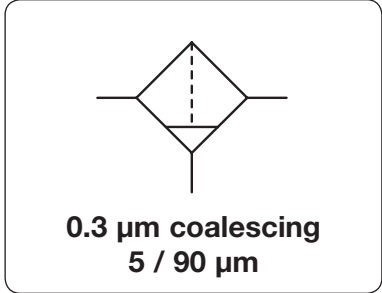


Micro in-line filter F410
Description Micro in-line filters are widely used in medical and process technology for cleaning compressed air for use in instruments and pneumatic logic systems. The micro in-line filter removes particles, oil and mist from compressed air. Also suitable for vacuum.
Filter element The borosilicate micro-filter is manufactured in a special vacuum process which reduces the adhesive properties of the borosilicate fibres down to a minimum in order to achieve outstanding filtering capability. When saturated with oil, the filter turns red to indicate that replacement is required.
Filtration efficiency 99.999% based on 0.03 µm particle size
Operating pressure max. 9 bar
Connection Fitted with nipples able to take up hoses of 4.3 mm (11/16") or 6.3 mm (¼") internal diameter. Flow direction from INside to OUTside to be noted.

Bronze in-line filter 138
Description Bronze in-line filter for compressed air with coarse impurities.
Filter element 90 µm, optionally 5 µm, made of sintered bronze
Operating pressure max. 21 bar
Drainage with or without manual drain



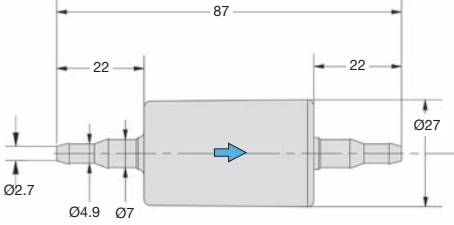
Dimensions			Description	Flow rate	Operating pressure	Filter element	Connection thread	Order number
A	B	C						
mm	mm	mm		m ³ /h*1	l/min*1	max. bar	µm	nipple / G

Micro in-line filter 99.999% at 0.3 µm, discolouration at saturation, max. 9 bar **F410**

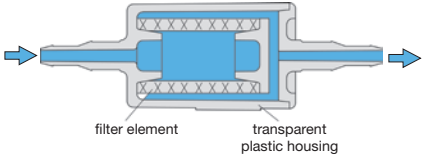
87	43	Ø 27	borosilicate micro filter	4.2	70	9	0.3	Ø 4 and Ø 6	F410
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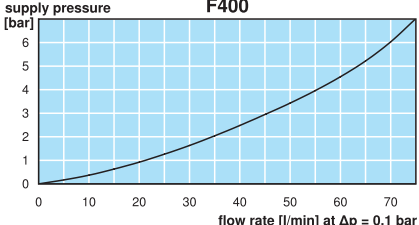
F410



F410



cross section



Bronze in-line filter operating pressure max. 21 bar **138**

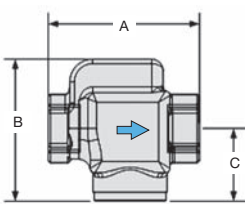
67	63	32	without manual drain	39	650	21	90	G¼	138-02
				42	700			G¾	138-03
				44	740			G½	138-04
				39	650	21	20	G¼	138-02H
				42	700			G¾	138-03H
				44	740			G½	138-04H
				19	320	21	5	G¼	138-02V
				21	350			G¾	138-03V
				22	370			G½	138-04V
67	79	48	with manual drain	39	650	21	90	G¼	138-02A
				42	700			G¾	138-03A
				44	740			G½	138-04A
				39	650	21	20	G¼	138-02AH
				42	700			G¾	138-03AH
				44	740			G½	138-04AH
				19	320	21	5	G¼	138-02AV
				21	350			G¾	138-03AV
				22	370			G½	138-04AV



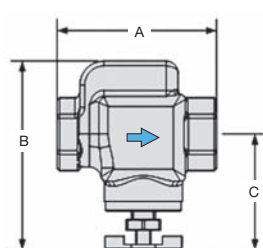
138-04



138-04A



138-...



138-...A.

*1 at 7 bar operating pressure and 0.1 bar pressure drop



Order example:
F410
 China website: www.duray-control.cn

