Micro in-line filter F400

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

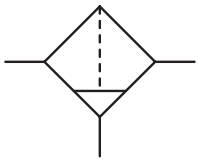
Connection Fitted with nipples able to take up hoses of 4.3 mm (11/16") or 6.3 mm (¼") internal diameter. Flow direction from INside to OUTside to be noted.

Bronze in-line filter 137

Description Bronze in-line filter for compressed air with coarse impurities.

Filter element 90 µm, optionally 5 µm, made of sintered bronze

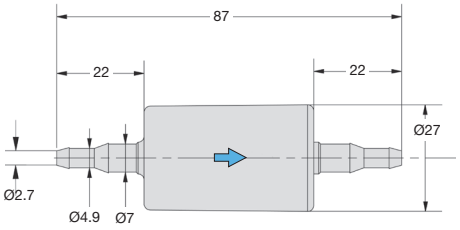
Operating pressure max. 21 bar **Drainage** with or without manual drain



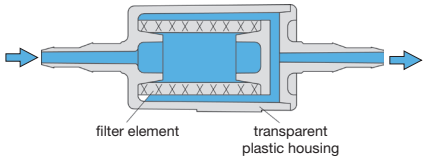
0.3 µm coalescing
5 / 90 µm

Dimensions A mm	B mm	C mm	Description	Flow rate m³/h*1	l/min*1	Operating pressure max. bar	Filter element µm	Connection thread nipple / G	Order number
Micro in-line filter			99.999% at 0.3 µm, discolouration at saturation, max. 9 bar						**F400**
87	43	Ø 27	borosilicate micro filter	4.2	70	9	0.3	Ø 4 and Ø 6	**F400**

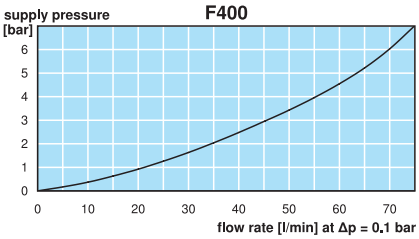
F400



F400



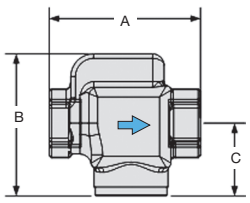
cross section



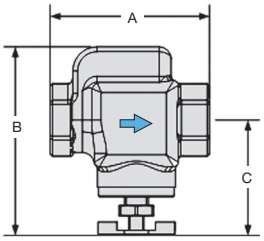
Dimensions A mm	B mm	C mm	Description	Flow rate m³/h*1	l/min*1	Operating pressure max. bar	Filter element µm	Connection thread nipple / G	Order number
Bronze in-line filter			operating pressure max. 21 bar						**137**
67	63	32	**without manual drain**	39	650	21	90	G¼	**137-02**
				42	700			G⅜	**137-03**
				44	740			G½	**137-04**
				39	650	21	20	G¼	**137-02H**
				42	700			G⅜	**137-03H**
				44	740			G½	**137-04H**
				19	320	21	5	G¼	**137-02V**
				21	350			G⅜	**137-03V**
				22	370			G½	**137-04V**
67	79	48	**with manual drain**	39	650	21	90	G¼	**137-02A**
				42	700			G⅜	**137-03A**
				44	740			G½	**137-04A**
				39	650	21	20	G¼	**137-02AH**
				42	700			G⅜	**137-03AH**
				44	740			G½	**137-04AH**
				19	320	21	5	G¼	**137-02AV**
				21	350			G⅜	**137-03AV**
				22	370			G½	**137-04AV**

137-04

137-04A



137-...



137-...A.

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

PDF CAD
www.aircom.net

Order example:
F400