

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.

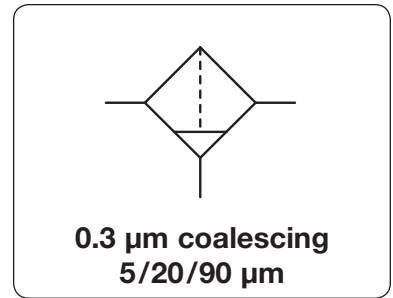
Bronze in-line filter 137

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

Filter element 90 µm, 20 µm or optionally 5 µm, made of sintered bronze

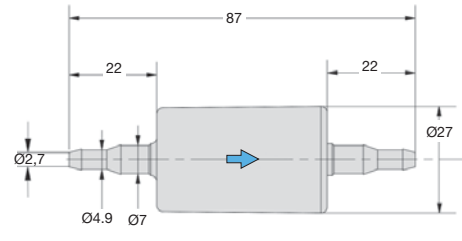
Operating pressure max. 21 bar

Drainage with or without manual drain

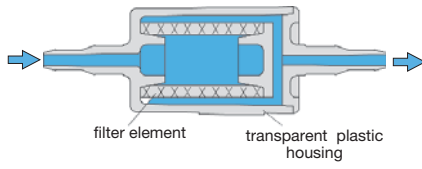


Dimensions			Description	Flow rate		P ₁ max. bar	Filter element µm	Connection thread nipple/G	Order number
A	B	C		m ³ /h*1	l/min*1				

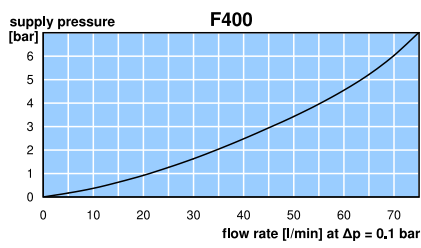
Micro in-line filter			operating pressure max. 9 bar				F400		
87	43	Ø 27	borosilicate-micro filter	4.2	70	9	0.3	Ø 4 and Ø 6	F400



F400



cross section



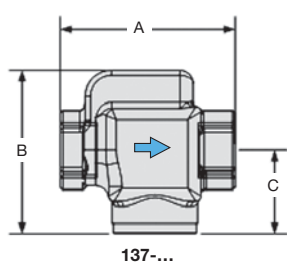
Bronze in-line filter			operating pressure max. 21 bar				137		
67	63	32	without manual drain	39	650	21	90	G¼	137-02
				42	700	G¾	137-03		
				44	740	G½	137-04		
			with manual drain	39	650	21	20	G¼	137-02H
				42	700	G¾	137-03H		
				44	740	G½	137-04H		
67	79	48	without manual drain	19	320	21	5	G¼	137-02V
				21	350	G¾	137-03V		
				22	370	G½	137-04V		
			with manual drain	39	650	21	90	G¼	137-02A
				42	700	G¾	137-03A		
				44	740	G½	137-04A		
			with manual drain	39	650	21	20	G¼	137-02AH
				42	700	G¾	137-03AH		
				44	740	G½	137-04AH		
with manual drain	19	320	21	5	G¼	137-02AV			
	21	350	G¾	137-03AV					
	22	370	G½	137-04AV					



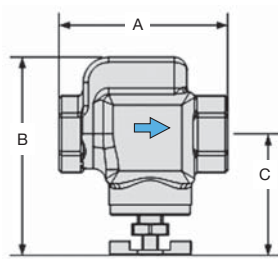
137-04



137-04A



137-...



137-...A.

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

Spare parts: see separate spare parts list

PDF CAD
www.aircom.net

Order example:
F400

