

Coalescing filters Series MC

3

Ports G1/4, G3/8 and G1/2
Modular
Metal bowl and bayonet-type mounting



The Series MC coalescing filters are available with G1/4, G3/8 and G1/2 ports. The bowls of these filters are made of metal with a transparent sight glass and may have a condensate drain valve which can provide either a manual or semi-automatic function. Moreover a fully automatic condensate drain is also available.

GENERAL DATA

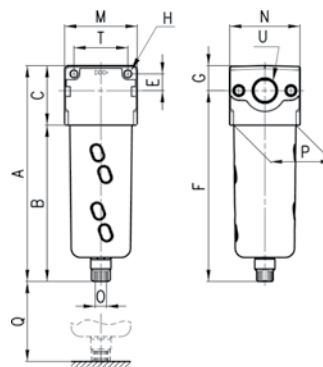
Construction	modular, coalescing elements			
Materials	zama, NBR, technopolymer			
Ports	G1/4	G3/8	G1/2	
Max. condensate capacity	cm ³	28	78	78
Weight	kg	0,342	0,718	0,688
Mounting	vertical in line or wall-mounting			
Operating temperature	0°C + 50°C at 10 bar			
Porosity of filtering element	0,01µm			
Draining of condensate	manual - semi-automatic standard			
Finish	enamelled			
Operating pressure	with standard drain and protected depressurisation 0,3 + 16 bar - with depressurisation 0,3 + 10 bar - with automatic drain 1,5 + 12 bar for G3/8 and G1/2			
Nominal flow	see graph			

CODING EXAMPLE

MC	2	02	-	F	B	0
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MC	SERIES
2	SIZE: 1 = G1/4 2 = G3/8 - G1/2
02	PORTS: 04 = G1/4 38 = G3/8 02 = G1/2
F	F = FILTER
B	FILTERING ELEMENT: B = 0,01µm
0	DRAINING OF CONDENSATE: 0 = manual - semi-automatic 3 = automatic (only for G3/8 and G1/2) 4 = depressurisation (only G1/4) 5 = depressurisation, protected 8 = port 1/8 For condensate drains see chapter 3.5.10

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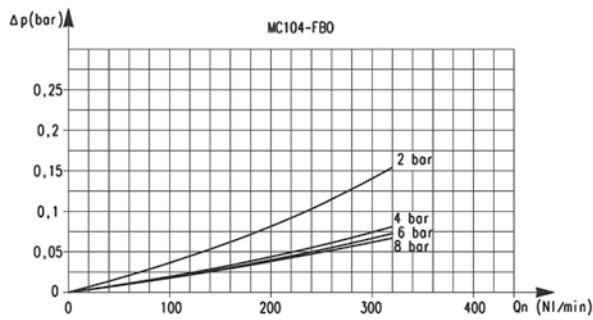


DIMENSIONS

Mod.	A	B	C	E	F	G	H	M	N	O	P	Q	T	U
MC104-FB0	143	102	41	11	126,5	16,5	4	45	45	G1/8	37	54	35	G1/4
MC238-FB0	184	133	51	14	163	21	5	62	60	G1/8	53	73	46	G3/8
MC202-FB0	184	133	51	14	163	21	5	62	60	G1/8	53	73	46	G1/2

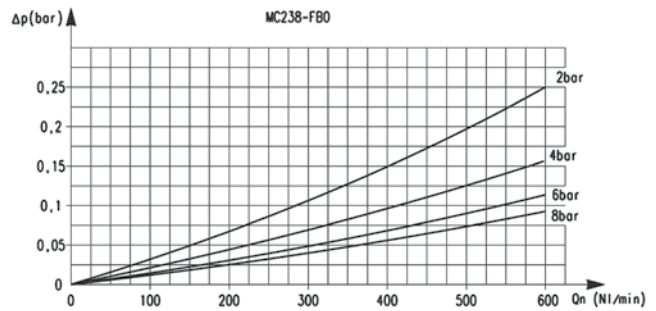
The company reserves the right to vary models and dimensions without notice.
Products designed for industrial applications. Sale to general public is forbidden.

FLOW DIAGRAMS



Flow diagram for model: MC104-FB0
 ΔP = Pressure drop - Q_n = Flow

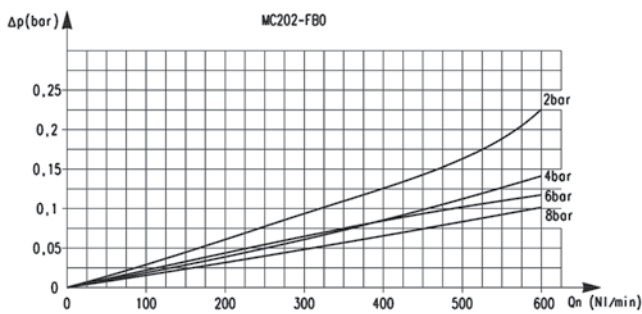
In order to guarantee the indicated performances, the maximum flow of the filter is the one indicated in the graph. The filter however allows a higher rate for which these performances are not guaranteed.



Flow diagram for model: MC238-FB0
 ΔP = Pressure drop - Q_n = Flow

In order to guarantee the indicated performances, the maximum flow of the filter is the one indicated in the graph. The filter however allows a higher rate for which these performances are not guaranteed.

FLOW DIAGRAMS



Flow diagram for model: MC202-FB0
 ΔP = Pressure drop - Q_n = Flow

In order to guarantee the indicated performances, the maximum flow of the filter is the one indicated in the graph. The filter however allows a higher rate for which these performances are not guaranteed.