

Series MC activated carbon filters

New

Ports: G1/4, G3/8 e G1/2

Modular

Metal bowl and bayonet-type mounting



- » Removal of oil, liquid and gaseous components from compressed air through the actived carbon
- » Quality of delivered air according to ISO 8573-1:2010, Class 1.7.1

The activated carbon filters Serie MC are available with port G1/4, G3/8 and G1/2.
The bowls of these filters are made of metal with a transparent sight glass

GENERAL DATA

Construction	modular, compact with activated carbon filtering element						
Materials	zama, NBR, tecnopolymer, activated carbon						
Ports		G1/4	G3/8	G1/2			
Weight	Kg	0,342	0,718	0,688			
Mounting	vertical in line or wall-mounting						
Operating temperature	$10^{\circ}\text{C} \div 40^{\circ}\text{C} \text{ (t max = }60^{\circ}\text{C)}$						
Quality of delivered air according to ISO 8573-1:2010	Class 1.7.1						
Condensate drain	not present						
Mounting	vertical in-line; wall-mounting by means of through holes in the body or with a support bracket						
Operating pressure	0.3 ÷ 16 bar						
Nominal flow	see FLOW DIAGRAMS on the following pages						
Filtering element	active carbon						
Residual oil content	< 0.003 mg/m³						
Fluid	compressed air						
Pre-filtering	it is recommended to use a filter with residual oil of 0,01mg/m³						



CODING EXAMPLE

MC	2	02	-	F	CA
MC	SERIES				
2	SIZE: 1 = G1/4 2 = G3/8 - G1/2				
02	PORTS: 04 = 61/4 38 = 63/8 02 = 61/2				

FILTER

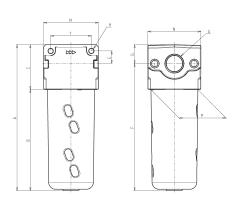
CA CA = Actived carbon

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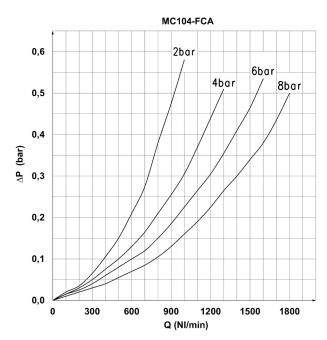
FC01 = Absorption function without bowl hole

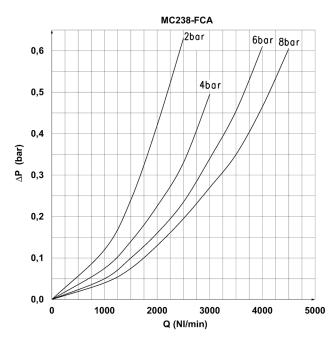




Mod.	Α	В	C	E	F	G	Н	M	N	P	T	U
MC104-FCA	124	83	41	11	107,5	16,5	4,5	45	45	37	35	G1/4
MC238-FCA	166	115	51	14	145	21	5,5	62	60	53	46	G3/8
MC202-FCA	166	115	51	14	145	21	5,5	62	60	53	46	G1/2

FLOW DIAGRAMS





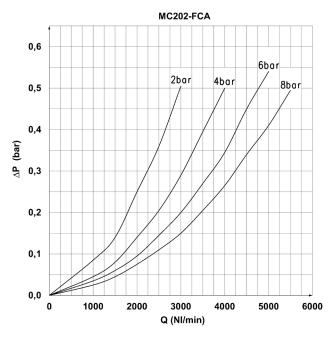
Flow diagram for model: MC104-FCA ΔP = Pressure drop (bar) Q = Flow (NI/min)

In order to guarantee the indicated performances, the maximum flow of the filter must be the one indicated in the graph. A higher flow rate is possible but the same performances are not guarenteed.

Flow diagram for model: MC238-FCA ΔP = Pressure drop (bar) Q = Flow (NI/min)

In order to guarantee the indicated performances, the maximum flow of the filter must be the one indicated in the graph. A higher flow rate is possible but the same performances are not guarenteed.

FLOW DIAGRAM



Flow diagram for model: MC202-FCA ΔP = Pressure drop (bar) Q = Flow (Nl/min)

In order to guarantee the indicated performances, the maximum flow of the filter must be the one indicated in the graph. A higher flow rate is possible but the same performances are not guarenteed.