

# Compressed Air Filters

## Microcomp/Aluminum Range



**MIKROPOR**

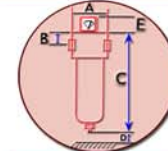
DESIGNED BY SAKETIN YALAN



## TECHNICAL DATA

FILTER MODEL	PIPE SIZE	FLOW RATE (m <sup>3</sup> /h scfm)		MAX. WORKING PRESSURE BARG.	ELEMENT MODEL	HOUSING DIMENSIONS (mm)				
		A	B			C	D	E		
G24	1/4"	24	14	16	M24	72	19	193	100	22
G48	3/8"	48	29	16	M48	72	19	193	100	22
G25	1/4"	25	15	16	M25	96	20	237	110	22
G50	3/8"	50	30	16	M50	96	20	237	110	22
G100	1/2"	100	58	16	M100	96	20	237	150	22
G150	3/4"	150	88	16	M150	117	34	375	190	56
G200	3/4"	200	117	16	M200	117	34	375	250	56
G250	1"	250	147	16	M250	117	34	465	300	56
G300	1 1/4"	300	176	16	M300	117	34	465	350	56
G500	1 1/4"	500	294	16	M500	117	34	530	380	56
G600	1 1/2"	600	353	16	M600	117	34	530	425	56
G851	2"	851	500	16	M851	170	64	722	480	56
G1210	2"	1210	712	16	M1210	170	64	722	550	56
G1510	2 1/2"	1510	888	12	M1510	235	72	760	430	56
G1810	3"	1810	1065	12	M1810	235	72	760	550	56
G2210	3"	2210	1300	12	M2210	235	72	760	600	56

SPECIFICATIONS	PRE FILTERING	GENERAL PURPOSE	OIL REMOVAL	ACTIVATED CARBON
Grade	P	X	Y	A
Particle Removal (Micron)	5	1	0.01	0.01
Max. Oil Carryover at 21 C (mg/m)	5	0,5	0,01	0,003
Max. Working Temperature (C)	80	80	80	25
Initial Pressure Loss (mbar)	40	80	100	80
Pressure Loss for Element Change (mbar)	700	700	700	700
Element Colour Code	Green	Blue	Red	Metal SS



### INDICATOR TYPE

Gauge with or without electrical contact  
Pop-up

### DRAIN TYPE

Electro-adjustable  
External float type  
Internal automatic  
Manual

### CORRECTION FACTOR

For maximum flow rate, multiply flow rate shown in the above table by the correction factor corresponding to the working pressure.

Operating Pressure ( barg )	1	3	5	7	9	11	13	15	17	20
PSIG	15	44	73	100	131	160	189	218	247	290
Correction Factor	0,5	0,71	0,87	1	1,12	1,22	1,32	1,44	1,57	1,7

### NOTES

- Grade A must not operate in oil saturated conditions.
- Grade A elements should be replaced periodically to suit the applications but must be changed at least every six months.
- Grade A will not remove certain gases including carbon monoxide and carbon dioxide. Please refer to works if in doubt.
- Flow rates are based on a 7 bar operating pressure, for flows at other pressures use correction factor given above.
- All filters are suitable for use with mineral and synthetic oils.
- Pop-up indicators supplied as standard to models. G24, G48, G25, G50 and G100. Diff. Pressure Gauge type pressure indicators are fitted to models G150 to G2210 as standard. Also gauge type indicator can be fitted to G24, G48, G25, G50 and G100
- The above housings require only one filter element except model G3600
- All filters are in conformity with the Pressure Equipment Directive (97/23/EC)

### ORDERING

The complete filter model number contains the size and grade, example - 1" general purpose filter model G250MX with replacement filter element model M250X. 250 Represent 250m<sup>3</sup>/h capacity and x represents the general purpose element.

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