

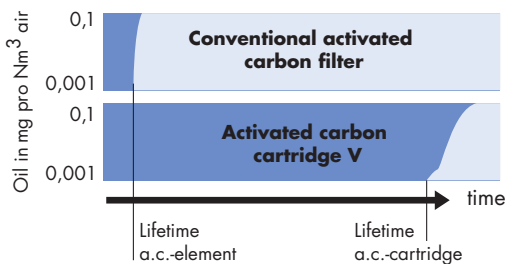
# COMPRESSED AIR FILTER WITH ACTIVATED CARBON CARTRIDGE

**CLEARPOINT® V - an activated carbon filter that sets new standards.**

Ideal for demanding applications requiring long time oil-free compressed air. Oil vapours and odours are adsorbed by an exceptionally large-volume filter bed made of form-pressed, highly activated carbon. A definite plus for compressed air quality and process safety.

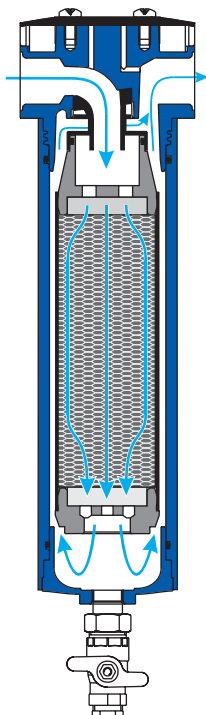


**+1:**



**MUCH LONGER LIFETIME COMPARED WITH CONVENTIONAL FILTER ELEMENTS**

**+2:**



**HIGH-QUALITY ACTIVATED CARBON PACK WITH OPTIMUM DEPTH EFFECT GUARANTEES EFFICIENT ABSORPTION. RESIDUAL OIL CONTENT LESS THAN 0.001 mg/m³**

**+3:**

**SIMPLE CARTRIDGE REPLACEMENT**

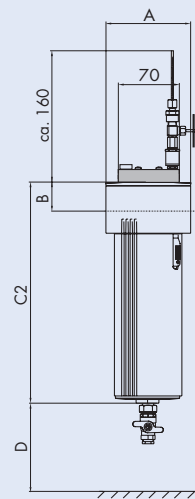
**+4:**

**VIRTUALLY ABRASION-FREE, INTEGRATED PARTICLE REMOVAL**

**+5:**

**OPTIONAL, EASILY ADAPTED CHECKING SYSTEM**

# COMPRESSED AIR FILTER WITH ACTIVATED CARBON CARTRIDGE



## TECHNICAL DATA

Model*1	Connection	Capacity*2 m³/h	Life time*3 h	A mm	B mm	C2 mm	D mm	Volume L	Weight kg	Cartridge*1
S055VWM	1/2"	50	2500	75	28	265	150	0,44	1,5	06 V
M010VWMX	3/4"	100	4200	100	34	350	150	1,22	2,5	10 V
M018VWM	1 1/2"	200	4200	146	48	418	160	3,42	6,0	18 V

\*1 Residual oil and oil vapour content at outlet max. 0,001 mg/m³

\*2 Volumetric flow at 7 bar operating pressure, related to 20 °C and 1 bar absolute. For optimum operation max. 50% relative humidity of compressed air at inlet.

\*3 Lifetime at compressed air temperature of 30 °C and max. oil inlet concentration of 0.04 mg/m³ (from residual oil aerosol and residual oil vapour content), with super fine filter as a precondition. Where the compressed air temperature is different, multiply by the following factors:

Temperature °C	20	25	30	35	40	45
Temperature °F	68	77	86	95	104	113
Correction factor	3,1	1,72	1	0,54	0,31	0,17

Operating pressure max.	+16 bar / 232 psig
Operating temperature	+2 °C – +60 °C / +36 °F – +60 °F
Recommended operating temp.	+2 °C – +25 °C / +36 °F – +77 °F

For particularly sensitive applications, it is recommended to install a CLEARPOINT® R S particle filter for fine dust removal directly downstream of the CLEARPOINT® V filter.

## ACCESSORIES

### Oil check indicator

To assess the compressed air quality, an adapter with an oil check indicator and a manometer may be mounted on the head of the filter/absorber. When the needle valve is opened fully, a specific volumetric flow will pass through the detector tube. The oil residues in the compressed air cause the detector tube to turn red from the bottom upwards.



CLEARPOINT® prefilter type F and S with BEKOMAT® 20 FM condensate drain, CLEARPOINT® V activated carbon adsorber with oil check indicator

Subject to technical changes without prior notice; the information and data do not represent product characteristics within the meaning of the German Civil Code (BGB)

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**BEKO TECHNOLOGIES GMBH**  
 Im Taubental 7 Phone +49 2131 988-0  
 41468 Neuss Fax +49 2131 988-900  
[www.beko.de](http://www.beko.de) beko@beko.de