

## CLEARPOINT® V ACTIVATED CARBON ADSORBER

With CLEARPOINT® V a maximum oil content of 0.003 mg/m<sup>3</sup> is reliably achieved even in demanding conditions, and dust filtration is standard. An indispensable process-related component for superior performance.

To ensure the best compressed air quality, particularly in sensitive applications where residual oil content is an imperative, CLEARPOINT® V activated carbon adsorbers provide an attractive and cost efficient solution.

Three steps to outstanding compressed air quality.



**+ 1:**

**EFFICIENT OIL ADSORPTION WITH OUR SPECIAL GRADE ACTIVATED CARBON**

**+ 2:**

**EXTRAORDINARILY LOW OPERATING COSTS DUE TO LOW PRESSURE DIFFERENCE AND LONG SERVICE LIFE**

**+ 3:**

**DUST FILTRATION INCLUDED IN DELIVERY SCOPE**

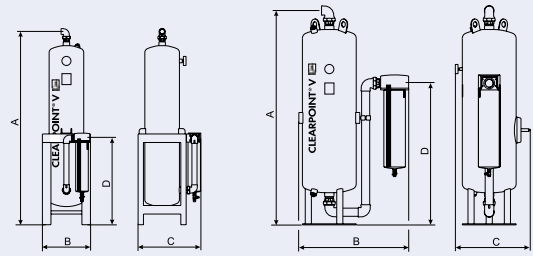
**+ 4:**

**OPTIONAL OIL CHECK INDICATOR OR METPOINT® OCV MONITORING SYSTEM TO SECURE AIR QUALITY**



# CLEARPOINT® V ACTIVATED CARBON ADSORBER

Residual oil content oil aerosol and oil vapour  
up to 0.003 mg/m<sup>3</sup> at 20 °C and 1 bar abs.



L 205 VWM - L 230 VWM

L 240 VWM - L 295 VWM

## TECHNICAL DATA

Model	Volume flow* 7 bar		Connection	Service life* h	A	B	C	D	Activated carbon kg	Weight kg	Classification acc. to PED97/23/EG fluid group 2
	m <sup>3</sup> /h	scfm			(±10 mm) mm	(±10 mm) mm	(±10 mm) mm	(±10 mm) mm			
L 205 VWM	135	80	G 1"	> 10.000	1580	340	440	680	13	65	II
L 210 VWM	155	92	G 1"	> 10.000	1490	340	440	680	21	95	II
L 215 VWM	200	118	G 1"	> 10.000	1490	340	440	680	21	95	II
L 220 VWM	280	165	G 1½"	> 10.000	1850	450	590	810	42	145	III
L 225 VWM	380	224	G 1½"	> 10.000	1850	450	590	810	42	145	III
L 230 VWM	500	295	G 1½"	> 10.000	1810	450	590	810	57	172	III
L 240 VWM	630	372	G 2"	> 10.000	1980	735	565	1430	68	210	III
L 250 VWM	800	472	G 2"	> 10.000	1940	935	595	1430	85	240	III
L 260 VWM	1000	590	G 2½"	> 10.000	1980	1020	700	1305	120	300	IV
L 275 VWM	1250	738	G 2½"	> 10.000	1980	1020	700	1305	120	300	IV
L 295 VWM	1550	915	G 2½"	> 10.000	2080	1085	730	1310	160	380	IV

\* at 7 bar, 35 °C, a relative humidity of max. 30 %. Deviating operating pressures, compressed-air temperatures and relative humidities exert an influence on the efficiency and service life. Therefore, please make use of BEKO's skills to design the activated carbon adsorbers.

Operating pressure max. L 205 VWM - L 275 VWM	16 bar
Operating pressure max. L 295 VWM	11 bar
Operating temperature	max. 50 °C
Recommended operating temperature	35 °C

## THE PERFECT COMPLEMENT: METPOINT® OCV RESIDUAL OIL VAPOUR MEASURING SYSTEM

CLEARPOINT® V can be optionally equipped with a METPOINT® OCV residual oil vapour monitoring system.

METPOINT® OCV allows continuous ON-LINE monitoring of oil vapour content.

The sample is taken directly after CLEARPOINT® V and gives documented proof that your compressed air quality is outstanding!



Subject to technical changes without prior notice. Specifications do not represent physical characteristics in the sense referred to in the German Civil Code.

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