

CLEARPOINT® HIGH PRESSURE FILTER UP TO 50 BAR

USING HIGH PRESSURE TO BEST ADVANTAGE

CLEARPOINT® high pressure filters will give you a decisive added value compared with other brands in this filtration sector. Both reliability and efficiency are significantly increased. The designs are carefully tailored, down to the smallest detail, to the specific requirements of high pressure systems.



Piston compressors inevitably produce pulsations in the compressed air flow. The resulting vibrations can cause leaks in conventional filter housings. CLEARPOINT® filter housings are provided with a special retention system to ensure that the unit remains leakproof. An important safety feature is the CLEARPOINT® filter cap which prevents accidental opening of the housing. If the operator tries to open the housing when it is still under pressure, a clear warning signal will be heard.

EXCELLENT FILTER PERFORMANCE

Design and construction of CLEARPOINT filters guarantee an optimum of separation efficiency – as certified by an independent institute.



No corrosion particles

Anodised, powder-coated housing made of seawater-resistant alloy. Also resistant against aggressive condensates.



Constant high separation efficiency

The polyfibre filter material consisting of micro-fine borosilicate fibres and polyester fibres which are thermally fused with each other offers a separation surface which is four times larger than the separation surface of conventional filter media.

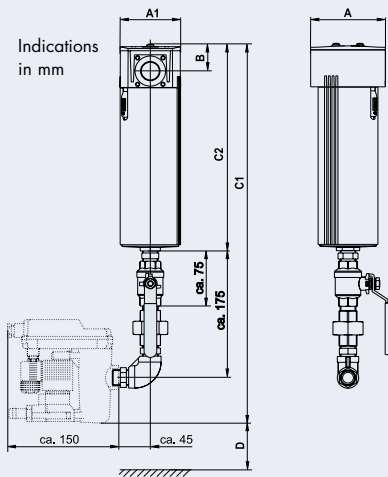


Reliable BEKOMAT 12 PN63 condensate drain

Electronically level-controlled condensate drain with self-monitoring function for the reliable removal of condensate without loss of compressed air. Optional remote monitoring via potential-free contact.

Validation according to ISO 12500

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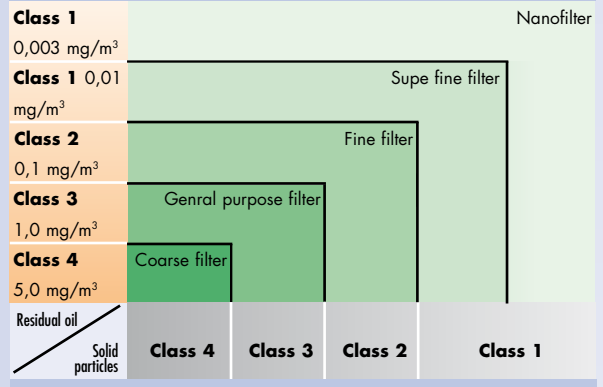


Filter mm	A mm	A1 mm	B mm	C1 mm	C2 mm	D L	Volume kg	Weight
HP50S040	75	60	28	420	180	180	0,25	0,75
HP50S050	75	60	28	450	210	180	0,31	0,85
HP50S055	75	60	28	505	265	180	0,42	1,2
HP50S075	100	80	34	520	280	180	0,87	1,7
HP50M010	100	80	34	590	350	180	1,12	2,1
HP50M012	100	80	34	625	385	180	1,26	2,2
HP50M015	146	120	48	605	365	180	2,52	4,1
HP50M018	146	120	48	658	418	180	2,97	4,5
HP50M020	146	120	48	708	468	180	3,40	5,1

SEPARATION OF SOLIDS, AEROSOLS, OIL VAPOURS AND ODOURS (VALIDATED)

Filter	Connection	Flow rate m³/h
HP50S040	3/8"	130
HP50S050	1/2"	210
HP50S055	1/2"	370
HP50S075	3/4"	490
HP50M010	1"	660
HP50M012	1"	790
HP50M015	1 1/2"	1050
HP50M018	1 1/2"	1380
HP50M020	2"	1900

Quality classes according to DIN ISO 8573-1



* Activated carbon filter -> oil vapour content max. 0,003 mg/m³

CONVERSION FACTORS

To determine the filter performance in relation to the actual operating pressure, please multiply the flow rate by the relevant correction factor:

Operating pressure bar	20	30	40	50
Correction factor	0,64	0,78	0,90	1,00

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
41468 Neuss
beko@beko.de

Telefon +49 2131 988-0
Telefax +49 2131 988-900
www.beko-technologies.de