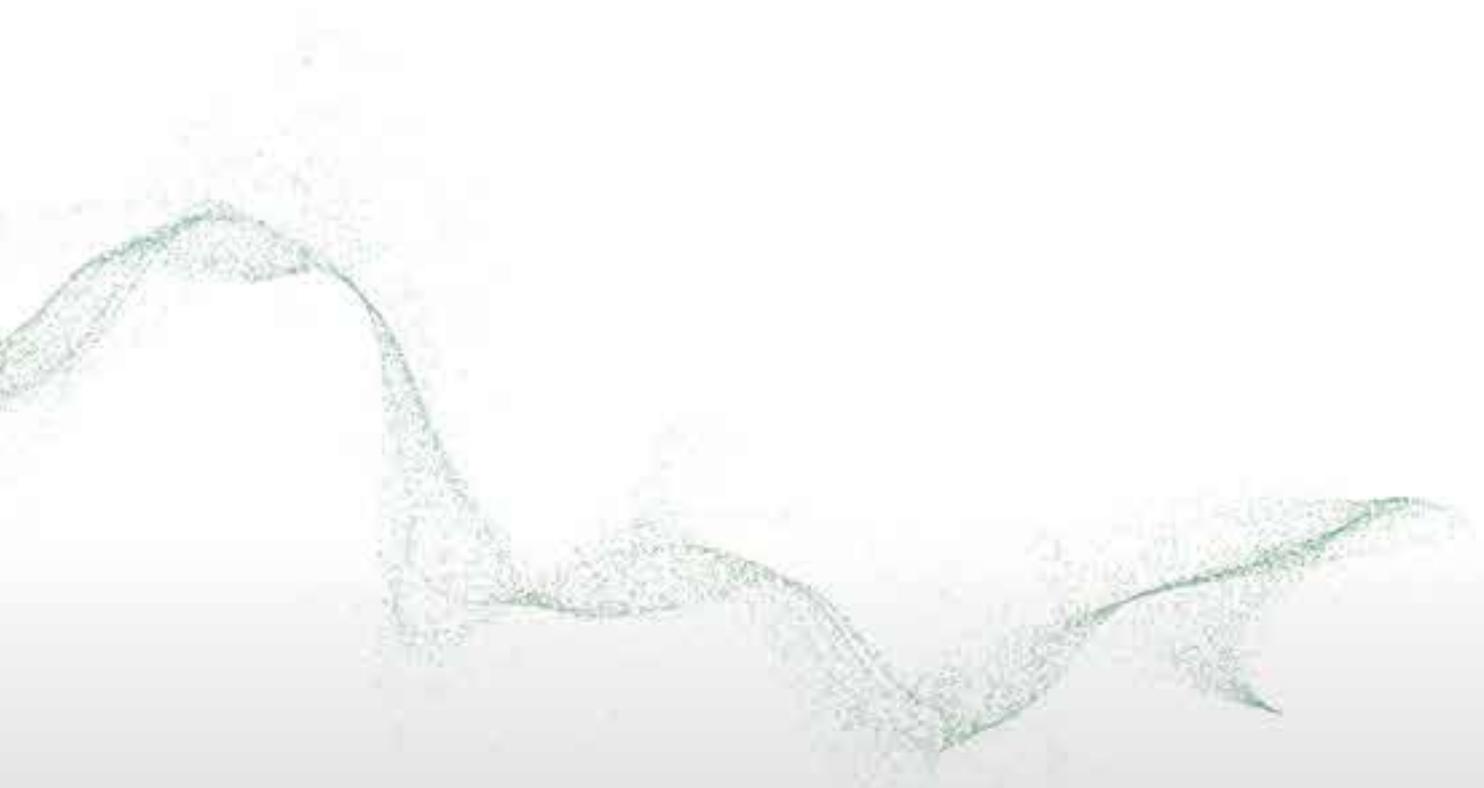




MANN+HUMMEL Vacuum air cleaners



Vacuum air cleaners



The airtight vacuum air cleaners from MANN+HUMMEL are designed for installation in air and gas pipes. They are airtight up to 1000 mbar negative pressure and equipped with a filter element. They are also used as intake filters in vacuum pumps.

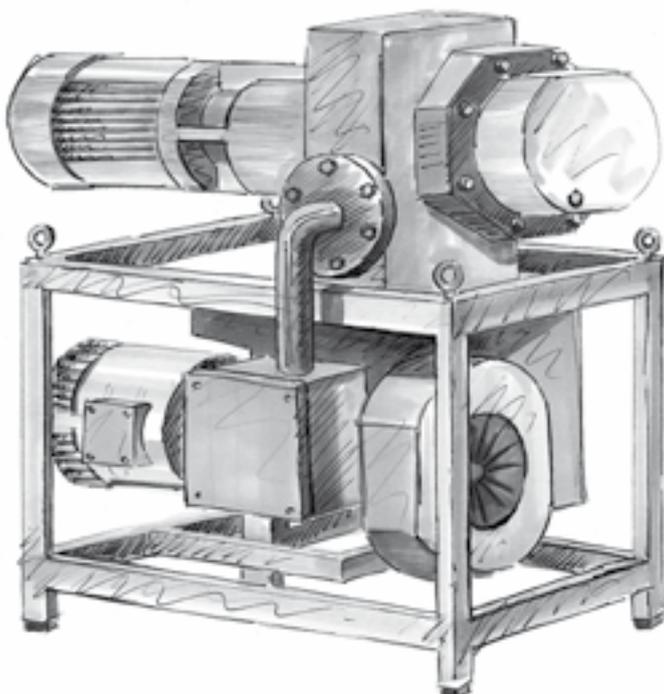
Advantages at a glance:

- reliable sealing
- compact design
- robust metal design
- different connections are available
- excellent filtration performance

Technical information

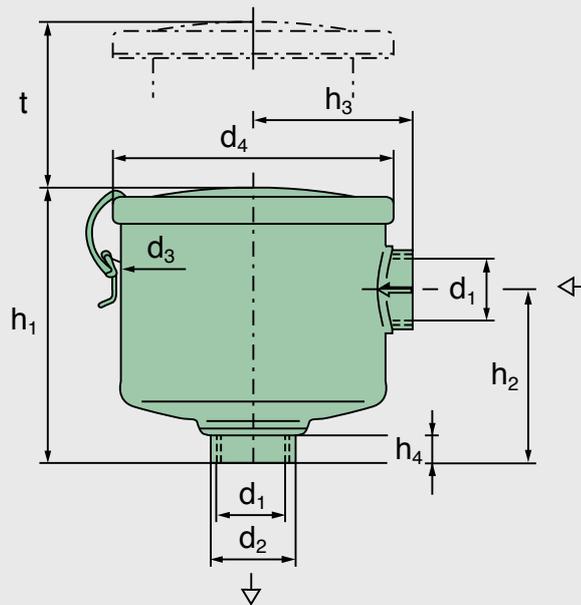
The air cleaner size depends on its nominal flow rate. The air cleaner size is to be selected so that the nominal flow rate of the air cleaner is equal or greater than the air requirement.

The air cleaner can be installed vertically or horizontally, however it should not be mounted with the clean air outlet at the bottom, as otherwise dirt can enter the clean air pipe during a service.



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Dimensions and part numbers



Part No.	Nominal flow rate [m ³ /min]	Dimensions in mm (<i>Dimensions in inches</i>)									MANN-FILTER main element	Weight [kg]
		d_1	d_2	d_3	d_4	h_1	h_2	h_3	h_4	t		
45 009 72 105	0.7	G ¾	35 (1.38)	90 (3.54)	97 (3.82)	89 (3.50)	45 (1.77)	59 (2.32)	6 (0.24)	70 (2.76)	C 75	0.6
45 021 72 105	1.6	G 1 ¼	50 (1.97)	125 (4.92)	136 (5.35)	116 (4.57)	68 (2.68)	81 (3.19)	17 (0.67)	75 (2.95)	C 1112	1.0
45 037 72 105	1.8	G 1 ¼	50 (1.97)	162 (6.38)	172 (6.77)	170 (6.69)	108 (4.25)	98 (3.86)	17 (0.67)	130 (5.12)	C 1337	1.5
45 124 72 104	6.0	G 2 ½	86 (3.39)	194 (7.64)	200 (7.87)	250 (9.84)	129 (5.08)	123 (4.84)	10 (0.39)	240 (9.45)	C 15 124/1	4.3
45 124 72 114	6.0	2 ½ NPT	86 (3.39)	194 (7.64)	200 (7.87)	250 (9.84)	129 (5.08)	123 (4.84)	10 (0.39)	240 (9.45)	C 15 124/1	4.3
45 138 72 105	12.0	G 4	123 (4.84)	268 (10.55)	272 (10.71)	263 (10.35)	147 (5.79)	197 (7.76)	74 (2.91)	165 (6.50)	C 21 138/1	14.5

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Flow characteristics



... for flow rates as per ISO 5011

