

MANN+HUMMEL Picolight
Single-stage air cleaner without housing

Picolight: Single stage air cleaner without housing

The metal-free air cleaners of the Picolight line from MANN+HUMMEL are characterised by an especially low-weight and compact design. We particularly recommend these air cleaners for use in stationary applications with low dust loads such as generators, compressors, marine engines, etc.



Advantages at a glance:

- low pressure drop
- very economical
- compact design
- metal-free design
- excellent filtration performance

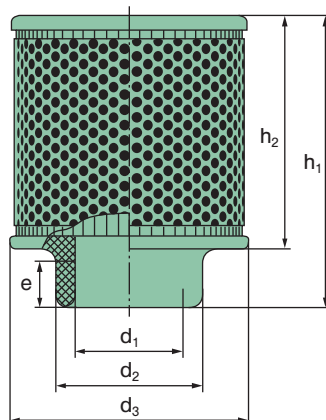
Technical information

Use of MANN+HUMMEL standard high quality filter media achieves high separation efficiency and filtration performance in the Picolight. The Picolight is recommended for use in installation areas which are enclosed or protected against humidity. The types shown here cover volumetric flows from 1 m³/min to 100 m³/min. A tensioning strap is required to mount the air cleaner.



Picolight

Dimensions and part numbers

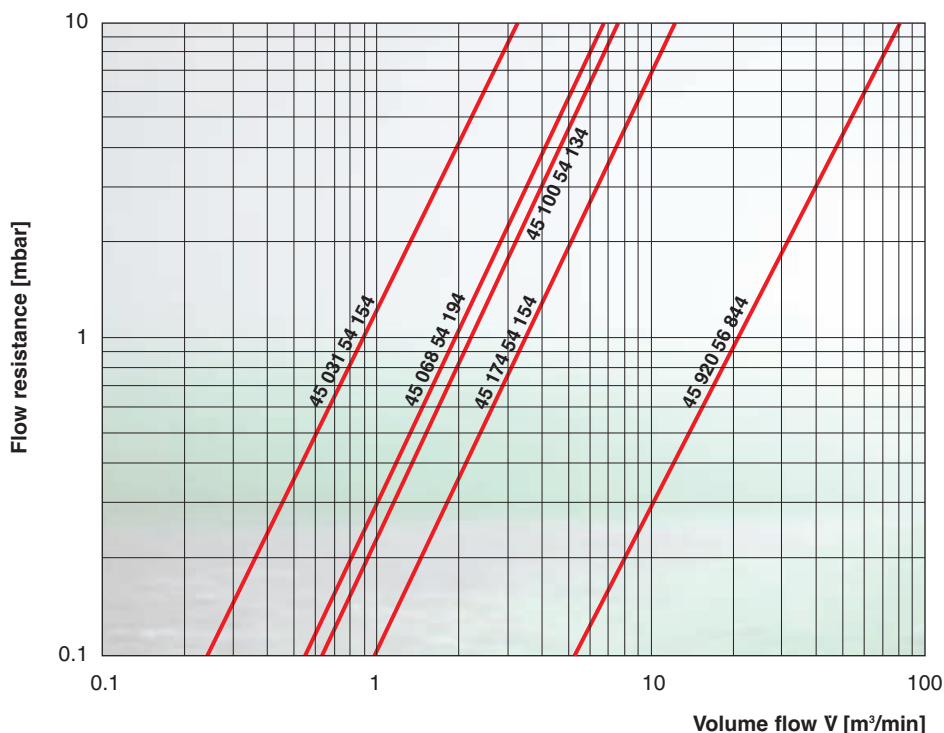


Part No.		Nominal flow rate ¹⁾ [m³/min]	Dimensions in mm (<i>dimensions in inches</i>)						Approx. weight [kg]	Tightening strap
MANN-FILTER unpacked	Picolight packed		d ₁	d ₂	d ₃	h ₁	h ₂	e		
45 031 54 154	C 1131	3.3	50 (1.97)	65 (2.56)	110 (4.33)	120 (4.72)	95 (3.74)	20 (0.79)	0.16	02 018 01 709
45 068 54 194	C 1368	6.8	76 (2.99)	90 (3.54)	130 (5.12)	150 (5.91)	125 (4.92)	20 (0.79)	0.24	02 018 01 712
45 100 54 134	C 17 100	7.7	76 (2.99)	90 (3.54)	160 (6.30)	165 (6.50)	140 (5.51)	25 (0.98)	0.38	02 018 01 712
45 174 54 154	C 23 174	12.5	100 (3.94)	120 (4.72)	230 (9.06)	156 (6.14)	120 (4.72)	30 (1.18)	0.68	02 018 01 715
45 920 56 844	C 43 1090/1	80	250 (9.84)	260 (10.24)	425 (16.73)	404 (15.91)	335 (13.19)	80 (3.15)	5.60	02 018 01 728

1) The nominal flow rate relates to flow resistance of 10 mbar.

Flow characteristics ...

... for flow rates as per ISO 5011



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