

Nilfisk exhaust filter specifications

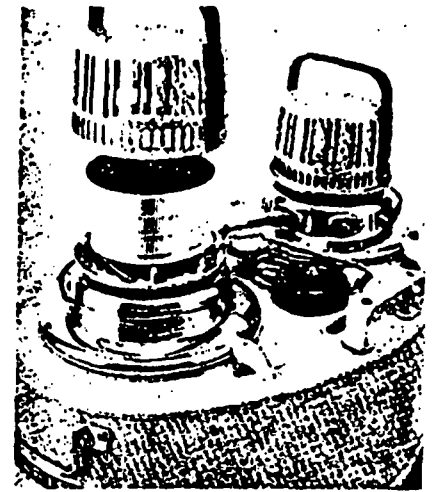
Filter casing	Aluminum
Filter material	Fiberglass
Filter cartridge diameter	130mm (5 1/8")
Filter cartridge height	76 mm (3")
Filter surface area	3200 cm ² (3.4 ft. ²)
Maximum working temperature	90° C. (194° F.)

Filtration efficiency in percent

Filtration efficiency according to:	particle size	%
	0.5-0.9 µm	100
British Standard 3928/65	sodium flame test	99.999
DIN 24184—test aerosol 2	radioactively indicated atmospherical aerosol, particle size < 0.3µm	99.99
DIN 24184—test aerosol 1	liquid paraffin cloud particle size 0.3-0.5 µm	99.97
US Military Standard 282	DOP	99.97

Dust particle size is measured in micrometers (µm, which equals 1/1000mm). Human hair is 60-80µm thick (60-80/1000mm). Nilfisk exhaust filters retain 100% of dust particles 1µm (1/1000mm) and 99.99% of particles down to 0.3µm in size. The following table shows the particle size of various dusts:

Flour dust	1-7 µm
Coal dust	1-10 µm
Cement dust	1-10 µm
Asbestos	0.2-10 µm
Metal dust	1-10 µm
China clay	1-10 µm
Virus	0.1-0.5 µm
Bacteria	0.5-10 µm
Pollen	10-100 µm



The exhaust filter is installed or removed by turning clockwise or counterclockwise. The cartridge is replaceable.

Nilfisk vacuum cleaners which can be fitted with the exhaust filter.	 GA 70	 GA 71	 GA 72	 GA 73
Air flow				
max. litre per second	28	28	60	83
Container dust capacity				
with paper bag	4	15		
without paper bag	7	20	46	69
Filter surface				
paper bag cm ²	2000	3800		
cloth filter cm ²	1850	1850	6600	14500
micro filter cm ²	700	700	1400	2100
exhaust filter cm ²	3200	3200	6400	9600

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