

# Filterfans IP 54

19–875 m<sup>3</sup>/h

### Optimised airflow

Airflow optimised fins and rotor blades guarantee maximal airflow with minimal energy consumption.

### Efficiency

Filterfans 4.0 can be equipped with an optional thermostat – only operate when cooling is actually necessary.

### Reduced energy consumption

More air, less power consumption.

### Quick installation

The patented 4-corner fastening system allows for tool-free installation in seconds and guarantees a secure hold.

### Easy maintenance

The click mechanism of the cover enables a filter mat replacement in seconds.

### Neutral design

without colour irritations. Perfect harmony of colours with modern machines and plants.

### Compatibility

Filterfans 4.0 can be integrated into existing applications easily since most of the housing cut-outs comply with the Pfannenberg standard.

### Closed frame

prevents unfiltered air from penetrating (IP 54).



### Black design

Alternative colour for various machine designs.

## FILTERFANS IP 54 19–70 m<sup>3</sup>/h

size  
(PF 11.000)

size  
(PF 22.000)

IP 54  
protection system

tool-less filter mat  
changing

tool-less mounting

black/  
RAL 9011



PRODUCT	PF 11.000		PF 22.000			
ARTICLE NO.	●	11611101055	11611801055	11622101055	11622801055	Unit
ARTICLE NO.	●	11611101050	11611801050	11622101050	11622801050	

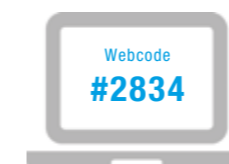
DATA					
Rated voltage ±10 %	AC 50   60 Hz	DC	AC 50   60 Hz	DC	V
	230	24	230	24	
Unimpeded airflow	19   24	19	61   70	61	m <sup>3</sup> /h
Airflow rate in combination with exhaust filter	12   14	12	38   42	38	
Power consumption	12   11	2.4	19   18	5	W
Current consumption	0.07   0.06	0.1	0.12   0.18	0.21	A
Type of connection	cable, 2-core, length 310 mm		terminal strip	cable, 2-core, length 310 mm	
Temperature range	-40 ... +55   -40 ... +131				°C   °F
Service life L <sub>10</sub> (+40 °C)	52500	70000	37500	62500	hrs
Dimensions (X x Y)	109 x 109		145 x 145		mm
Installation depth (Z2) + Construction height (Z1)	62 + 4	49 + 4	70 + 5	64 + 5	
Cut-out dimensions (W x H)	92 x 92		125 x 125		

ACCESSORIES	ARTICLE NUMBER		Page	
Exhaust filter	●	11710001055	11720001055	40
Exhaust filter	●	11710001050	11720001050	40
Spare filter mats	5 pieces	18611600029	18611600030	41
Thermostat			17121000000	39
Hygrostat			17207000000	39
Rainhood in stainless steel			18102000014	39

For additional models, options and voltages visit [www.pfannenberg.com](http://www.pfannenberg.com) or contact us directly.



Performance curves on page 158.



Comprehensive technical documentation such as

- operating instruction, technical data, approvals
- cut-out drawing, CAD | EPLAN | Zuken | WSCAD data

can be retrieved by entering this webcode in the search window on [www.pfannenberg.com](http://www.pfannenberg.com)

