

Filterfans IP 54

19–875 m³/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 m³/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 | |
| | 230 | 24 | 230 | 24 | V |
| Unimpeded airflow | 19 24 | 19 | 61 70 | 61 | m ³ /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 ₁₀ (+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 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

