

Exhaust Filters

Types 7F.02 for indoor use

Types 7F.03 for outdoor use

The size of the Exhaust Filter should match the size of the Filter Fan to achieve the best ventilation within the cabinet

- Minimum depth within enclosure
- Time-saving installation and maintenance
- Easily replaceable filter mat
- Black colour RAL 9004 Available (only for 7F.02)

NEW 7F.02.0.000.1000
7F.03.0.000.1000



- For Filter Fans
7F.20.x.xxx.1020 or
7F.30.x.xxx.1020
- Size 1

NEW 7F.02.0.000.2000
7F.03.0.000.2000



- For Filter Fans
7F.20.x.xxx.2055 or
7F.30.x.xxx.2055
- Size 2

NEW 7F.02.0.000.3000
7F.03.0.000.3000



- For Filter Fans
7F.20.x.xxx.3100 or
7F.30.x.xxx.3100
- Size 3

For outline drawing see page 14

Other data

Housing, cover

Plastics according to UL94 V-0

Filter mat (included)

G3 according to EN 779, filtering degree (80...90)%

Filter material

Synthetic fibre with progressive construction, temperature resistant to +100 °C, self extinguishing, Class F1 (DIN 53438)

Ambient temperature range °C

-15...+ 55 (-30...+55 for 7F.03)

Protection category according to EN 60529

IP 54

Protection category according to NEMA (7F.20)

Type 12

Protection category according to NEMA (7F.30)

Type 3R

Approvals (according to type)

Exhaust Filters**Types 7F.02 for indoor use****Types 7F.03 for outdoor use**

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- Minimum depth within enclosure
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- Black colour RAL 9004 Available (only for 7F.02)

NEW 7F.02.0.000.4000
7F.03.0.000.4000



- For Filter Fans
7F.20.x.xxx.4250,
7F.20.8.xxx.4440 or
7F.30.x.xxx.4250,
7F.30.8.xxx.4400
- Size 4

NEW 7F.02.0.000.5000
7F.03.0.000.5000



- For Filter Fans
7F.20.x.xxx.5550,
7F.20.8.xxx.5700 or
7F.30.x.xxx.5550,
7F.30.8.xxx.5700
- Size 5

For outline drawing see page 15

Other data

Housing, cover	Plastics according to UL94 V-0, light grey (RAL 7035)
Filter mat (included)	G3 according to EN 779, filtering degree (80...90)%
Filter material	Synthetic fibre with progressive construction, temperature resistant to +100 °C, self extinguishing, Class F1 (DIN 53438)
Ambient temperature range °C	-15...+ 55 (-30...+55 for 7F.03)
Protection category according to EN 60529	IP 54
Protection category according to NEMA (7F.20)	Type 12
Protection category according to NEMA (7F.30)	Type 3R
Approvals (according to type)	

Ordering information

Example: Series 7F, Exhaust Filter for mounting in sidewalls, for indoor use, size 1.

7	F	.	0	2	.	0	.	0	0	0	.	1	0	0	0	
Series		Type		Supply and operating voltage		Operating voltage		Enclosure cut-out		Colour						
		02 = Exhaust Filter - for indoor use 03 = Exhaust Filter - for outdoor use		0 = Not applicable for Exhaust Filter		000 = Not applicable for Exhaust Filter		1000 = Size 1 (92 ^{+1.0} x 92 ^{+1.0}) mm 2000 = Size 2 (125 ^{+1.0} x 125 ^{+1.0}) mm 3000 = Size 3 (177 ^{+1.0} x 177 ^{+1.0}) mm 4000 = Size 4 (223 ^{+1.0} x 223 ^{+1.0}) mm 5000 = Size 5 (291 ^{+1.0} x 291 ^{+1.0}) mm		Empty = Grey RAL 7035 (7F.02) Grey RAL 7000 (7F.03) 0 = Black RAL 9004 (only for 7F.02)						

Components

Standard Indoor Filter Fan	Standard Outdoor Filter Fan	Standard Indoor Exhaust Filter	Standard Outdoor Exhaust Filter	Filter mat	Size
7F.20.8.xxx.1020	7F.30.8.xxx.1020	7F.02.0.000.1000	7F.03.0.000.1000	07F.15	1
7F.20.8.xxx.2055	7F.30.8.xxx.2055	7F.02.0.000.2000	7F.03.0.000.2000	07F.25	2
7F.20.8.xxx.3100	7F.30.8.xxx.3100	7F.02.0.000.3000	7F.03.0.000.3000	07F.35	3
7F.20.8.xxx.4250	7F.30.8.xxx.4250	7F.02.0.000.4000	7F.03.0.000.4000	07F.45	4
7F.20.8.xxx.4400	7F.30.8.xxx.4400	7F.02.0.000.4000	7F.03.0.000.4000	07F.46 (07F.45 for 7F.0x-4000)	4
7F.20.8.xxx.5550	7F.30.8.xxx.5550	7F.02.0.000.5000	7F.03.0.000.5000	07F.56 (07F.55 for 7F.0x-5000)	5
7F.20.8.xxx.5700	7F.30.8.xxx.5700	7F.02.0.000.5000	7F.03.0.000.5000	07F.55	5
7F.20.9.024.1020	7F.30.9.024.1020	7F.02.0.000.1000	7F.03.0.000.1000	07F.15	1
7F.20.9.024.2055	7F.30.9.024.2055	7F.02.0.000.2000	7F.03.0.000.2000	07F.25	2
7F.20.9.024.3100	7F.30.9.024.3100	7F.02.0.000.3000	7F.03.0.000.3000	07F.35	3
7F.20.9.024.4250	7F.30.9.024.4250	7F.02.0.000.4000	7F.03.0.000.4000	07F.45	4

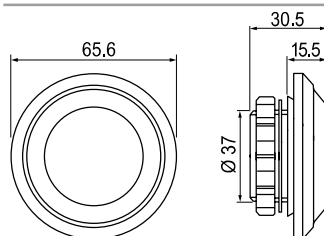
Spare Filter mats	07F.15	07F.25	07F.35	07F.45/46	07F.55/56
Protection category	IP54				

Accessories



07F.80

Pressure compensation device, for pressure compensation in closed cabinets or enclosures		07F.80
Air interface area	cm ²	7
Mounting		PG 29 thread with union nut
Torque	Nm	5 (max. 10)
Material		plastic according to UL94-V0
Dimensions (diameter/depth)	mm	65.5/30.5
Mounting position		upper part of cabinet sidewalls
Ambient temperature	°C	-45...+70
Protection category		IP 55



Unit package contains 2 pressure compensation devices