

REPORT

7F SERIES

Filter Fans and Exhaust Filters



Design by MINELLI | FOSSATI

Filter fans and Exhaust Filters from size 1 to size 5

To ensure the performance of components and instrumentation within control panels and enclosures.

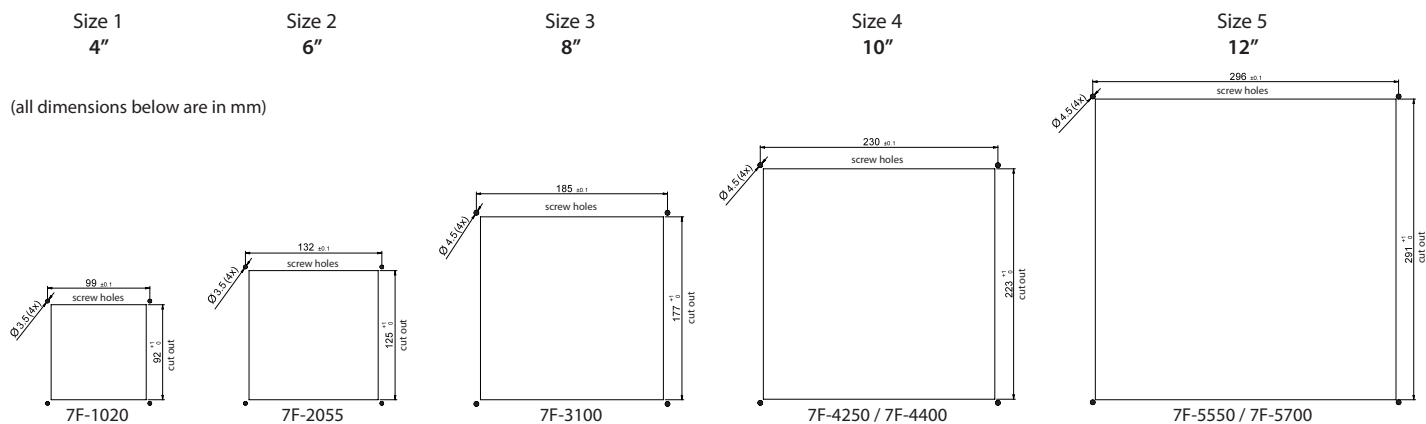
Type 7F.20: for indoor use. Type 7F.30: for outdoor use.

- Operating voltage: 120 V AC, 230 V AC or 24 V DC (according to type)
- Easily replaceable filter mat
- Minimal depth within enclosure
- Air volume: (17 to 412) CFM
- Time-saving installation and maintenance
- Very low acoustic noise
- Reverse air flow versions available (7F.21 and 7F.31)
- Black colour RAL 9004 available (7F.20)
- Protection category according to EN 60529: IP54
- Protection category according to EN 62262: IK 08
- Protection category according to NEMA/UL (7F.20): Type 12 / UL Type 12
- Protection category according to NEMA/UL (7F.30): Type 3R / UL Type 3R
- Dimensions: from 120 mm up to 320 mm / 4" to 12"

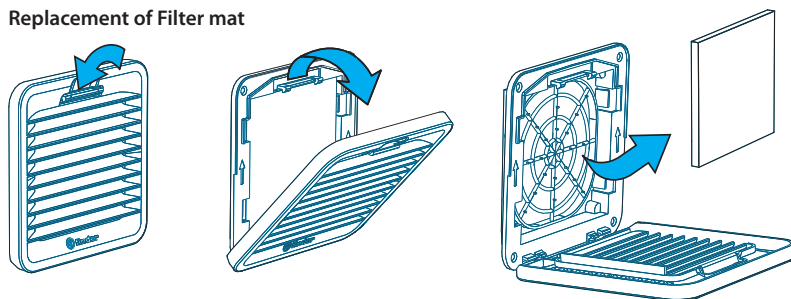
Filter Fans and Exhaust Filters from size 1 to size 5 - Type 7F.20: for indoor use. Type 7F.30: for outdoor use.

Standard Filter Fan	Reverse flow versions Filter Fan	Operating voltage (V AC 60 Hz)	Operating voltage (V DC)	Air volume (CFM) free flow	Air volume (CFM) exh. filter installed	Rated power (W) 60 Hz	Size			Exhaust Filter	Filter mat
7F.x0.8.120.1020	7F.x1.8.120.1020	120 V AC	—	17	10	21	4"	1	(120 x 120 mm)	7F.0x.0.000.1000	07F.15
7F.x0.8.230.1020	7F.x1.8.230.1020	230 V AC	—	17	10	18	4"	1	(120 x 120 mm)	7F.0x.0.000.1000	07F.15
7F.x0.9.024.1020	7F.x1.9.024.1020	—	24 V DC	14	8	3.6	4"	1	(120 x 120 mm)	7F.0x.0.000.1000	07F.15
7F.x0.8.120.2055	7F.x1.8.120.2055	120 V AC	—	37	27	25	6"	2	(155 x 155 mm)	7F.0x.0.000.2000	07F.25
7F.x0.8.230.2055	7F.x1.8.230.2055	230 V AC	—	37	27	25	6"	2	(155 x 155 mm)	7F.0x.0.000.2000	07F.25
7F.x0.9.024.2055	7F.x1.9.024.2055	—	24 V DC	32	24	7	6"	2	(155 x 155 mm)	7F.0x.0.000.2000	07F.25
7F.x0.8.120.3100	7F.x1.8.120.3100	120 V AC	—	68	50	25	8"	3	(209 x 209 mm)	7F.0x.0.000.3000	07F.35
7F.x0.8.230.3100	7F.x1.8.230.3100	230 V AC	—	68	50	25	8"	3	(209 x 209 mm)	7F.0x.0.000.3000	07F.35
7F.x0.9.024.3100	7F.x1.9.024.3100	—	24 V DC	59	44	7	8"	3	(209 x 209 mm)	7F.0x.0.000.3000	07F.35
7F.x0.8.120.4250	7F.x1.8.120.4250	120 V AC	—	174	134	48	10"	4	(255 x 255 mm)	7F.0x.0.000.4000	07F.45
7F.x0.8.230.4250	7F.x1.8.230.4250	230 V AC	—	174	134	50	10"	4	(255 x 255 mm)	7F.0x.0.000.4000	07F.45
7F.x0.9.024.4250	7F.x1.9.024.4250	—	24 V DC	147	115	43	10"	4	(255 x 255 mm)	7F.0x.0.000.4000	07F.45
7F.x0.8.120.4400	7F.x1.8.120.4400	120 V AC	—	262	177	120	10"	4	(255 x 255 mm)	7F.0x.0.000.4000	07F.46
7F.x0.8.230.4400	7F.x1.8.230.4400	230 V AC	—	262	177	112	10"	4	(255 x 255 mm)	7F.0x.0.000.4000	07F.46
7F.x0.8.120.5550	7F.x1.8.120.5550	120 V AC	—	356	259	102	12"	5	(320 x 320 mm)	7F.0x.0.000.5000	07F.56
7F.x0.8.230.5550	7F.x1.8.230.5550	230 V AC	—	356	259	116	12"	5	(320 x 320 mm)	7F.0x.0.000.5000	07F.56
7F.x0.8.120.5700	7F.x1.8.120.5700	120 V AC	—	412	353	140	12"	5	(320 x 320 mm)	7F.0x.0.000.5000	07F.55
7F.x0.8.230.5700	7F.x1.8.230.5700	230 V AC	—	412	353	120	12"	5	(320 x 320 mm)	7F.0x.0.000.5000	07F.55

Drilling template and mounting cut-outs for Filter Fans and Exhaust Filter



Replacement of Filter mat



Mounting arrangement of Filter Fan and Exhaust Filter

