

Thermal Management

EF, High flow Filter fan



Description: Filter fan for forced ventilation. Eldon filter fans save time on installation as they are installed with a click-in system without screws. The hinged front cover can be easily opened for quick and easy filter replacement. The airflow direction and the connection position can easily be changed. Filtration efficiency of 88% (91% for EF500R5 and above). Sleeve bearing, and ball bearing for DC filter fans and EF250R5 and above.

Material: Front cover made of injection-moulded thermoplastic, self-extinguishing, UL94V0.

Filter Grade G3, and grade G4 for EF500R5 and above (according to EN 779).

Temperature resistance: -15°C to +55°C.

Type of connection: Depending on the filter fan size, type 1 cable length 310mm, type 2 terminal strip, type 3 spring-type terminal.

Protection: IP 54, NEMA12.

Finish: RAL 7035.

Approvals: CE, cUL, UL.

Pack quantity: 1 fan with filter.

230 V, 50/60 HZ

Connection Type	Current (A)	Noise (dB)	EF+EFA Air flow (m³/h)	Free air flow (m³/h)	Part No.
1	0.07	33	16	25	EF100R5
	0.12	44	44	61	EF200R5
3		40	110	82	EF220R5
	0.12	40	116	156	EF250R5
	0.32	42	231	256	EF300R5
	0.30	54	370	480	EF500R5
	0.51	63	445	640	EF600R5
	0.59	66	560	845	EF700R5

115 Volt AC, 60 Hz

Connection Type	Current (A)	Noise (dB)	EF+EFA Air flow	Free air flow (m³/h)	Part No.
1	0.15	33	18	29	EF100-115R5
	0.23	44	52	70	EF200-115R5
3		40	93	125	EF220-115R5
	0.25	43	127	171	EF250-115R5
	0.50	46	265	292	EF300-115R5
	0.80	52	370	480	EF500-115R5
	1.40	64	445	653	EF600-115R5
	1.71	69	625	875	EF700-115R5

24 Volt DC

Connection Type	Current (A)	Noise (dB)	EF+EFA Air flow	Free air flow (m³/h)	Part No.
1	0.10	33	16	25	EF100-24R5
	0.21	44	44	61	EF200-24R5
		40	110	82	EF220-24R5
3	0.20	40	116	156	EF250-24R5
	0.50	42	231	256	EF300-24R5

EFA, Exhaust filter



Description: Exhaust filter to be used for natural ventilation, or for forced ventilation working with filter fans EF. Eldon exhaust filters save us time because are installed with a click-in system without screws. The hinged front cover can be easily opened for quick and easy filter replacement. Filtration efficiency of 88% (91% for EFA500R5 and above).

Material: Front cover made of injection-moulded thermoplastic, self-extinguishing, UL94V0.

Filter Grade G3, and grade G4 for EFA500R5 and above (according to EN 779).

Temperature resistance: -15°C to +55°C.

Protection: IP54, NEMA12.

Finish: RAL 7035.

Approvals: CE, cUL, UL.

Pack quantity: One exhaust filter.

Cut out dim.	Part No.
92 x 92 mm	EFA100R5
125 x 125 mm	EFA200R5
177 x 177 mm	EFA220R5
223 x 223 mm	EFA250-300R5
291 x 291 mm	EFA500-700R5

EFM, Standard filter mat



Description: To replace the standard filter supplied with the filter fans EF and the exhaust filters EFA. It is recommended to replace the filter each year or sooner depending on the environment.

Material: Grade G3 according to EN 779.

Temperature resistance: -15°C to +100°C.

Pack quantity: 5 pieces.

For	Part No.
EF/EFA 100	EFM10
EF/EFA 200	EFM20
EF/EFA 220	EFM220
EF/EFA 250/300	EFM25-30
EF/EFA 500/600/700	EFM50-60