

EF

HIGH FLOW FILTER FAN



This vertical filter fan, EF, with a IP 54 protection degree, is easy to install thanks to its click-in feature. Unnecessary downtime is avoided, since water and dust are prevented from entering the enclosure through the filter, and the reliable fan motor will ensure constant ventilation.

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.

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

Temperature range: -40°C to +55°C.

Protection: IP 54 | TYPE 12.

Finish: RAL 7035.

Approvals: CE, EAC, cRUus_UL Recognized.

Pack quantity: One fan with filter.

CE EAC

IP 54 | TYPE 12

230 V AC, 50/60 Hz

Unimpeded airflow (m³/h)	EF+EFA Air flow (m³/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C) (h)	Bearing type	Noise (dB)	Cut-out (mm)	Connection	Current (A)	Power (W)	Fuse (A)	Item no.
25/29	16/18	G3	88	52.500	Sleeve	33	92x92	310 mm cable	0.07/0.06	12/11	6	EF100R5
61/70	44/52	G3	88	37.500	Sleeve	44	125x125	Terminal strip	0.12/0.18	19/18	6	EF200R5
110/125	82/93	G3	88	37.500	Sleeve	40	177x177	Terminal strip	0.12/0.18	19/18	6	EF220R5
156/171	116/127	G3	88	40.000	Ball	40	223x223	Spring type	0.12/0.10	18/17	6	EF250R5
256/292	231/265	G3	88	40.000	Ball	42	223x223	Spring type	0.32/0.26	45/39	6	EF300R5
480/480	370/370	G4	91	40.000	Ball	54	291x291	Spring type	0.30/0.36	65/80	6	EF500R5
640/653	445/445	G4	91	40.000	Ball	63	291x291	Spring type	0.51/0.66	115/150	6	EF600R5
845/875	560/625	G4	91	40.000	Ball	66	291x291	Spring type	0.59/0.88	135/200	6	EF700R5

115 V AC, 50/60Hz

Unimpeded airflow (m³/h)	EF+EFA Air flow (m³/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C) (h)	Bearing type	Noise (dB)	Cut-out (mm)	Connection	Current (A)	Power (W)	Fuse (A)	Item no.
25/29	18	G3	88	55.000	Sleeve	33	92x92	310 mm cable	0.15/0.15	12/11	6	EF100-115R5
61/70	52	G3	88	40.000	Sleeve	44	125x125	Terminal strip	0.24/0.23	20/20	6	EF200-115R5
110/125	93	G3	88	40.000	Sleeve	40	177x177	Terminal strip	0.24/0.23	20/20	6	EF220-115R5
156/171	127	G3	88	42.500	Ball	43	223x223	Spring type	0.25/0.25	18/17	6	EF250-115R5
256/292	265	G3	88	40.000	Ball	46	223x223	Spring type	0.50/0.50	40/40	6	EF300-115R5
480/480	370	G4	91	40.000	Ball	52	291x291	Spring type	0.66/0.80	75/90	6	EF500-115R5
640/653	445	G4	91	40.000	Ball	64	291x291	Spring type	0.96/1.40	110/160	6	EF600-115R5
845/875	625	G4	91	40.000	Ball	69	291x291	Spring type	1.23/1.71	140/195	6	EF700-115R5

24 V DC

Unimpeded airflow (m³/h)	EF+EFA Air flow (m³/h)	Filter mat (EN779)	Filtration efficiency (%)	Service life L10 (40°C) (h)	Bearing type	Noise (dB)	Cut-out (mm)	Connection	Current (A)	Power (W)	Fuse (A)	Item no.
25/29	16/18	G3	88	70.000	Ball	33	92x92	310 mm cable	0.10	2.40	6	EF100-24R5
61/70	44/52	G3	88	62.500	Ball	44	125x125	310 mm cable	0.21	5.00	6	EF200-24R5
110/125	82/93	G3	88	62.500	Ball	40	177x177	310 mm cable	0.21	5.00	6	EF220-24R5
156/171	116/127	G3	88	70.000	Ball	40	223x223	Spring type	0.20	4.70	6	EF250-24R5
256/292	231/265	G3	88	80,000	Ball	42	223x223	Spring type	0.50	12.00	6	EF300-24R5