



# Filter Fan Replacement Filter Mats



**086000-00**

## Filter Mats

- Synthetic fiber with progressive construction
- Temperature resistant to 212 °F (100°C)
- Rating: G3 (coarse), G4 (medium), and G5 (fine)
- Self-extinguishing class F1
- Moisture resistant to 100% RH
- Reusable; can be cleaned with mild soap or vacuuming

## Applications

- Replacement filter mats for Stego series Filter Fan Plus, Filter Fan, and Stego series exhaust/intake grilles

## Features

- Filter media for enclosure fans
- Fine or medium density
- Fits 3.82 x 3.82, 4.92 x 4.92, 6.93 x 6.93, or 9.84 x 9.84, inch Filter Fan
- Fits 3.62 x 3.62, 4.88 x 4.88, 6.93 x 6.93, 8.78 x 8.78, and 11.46 x 11.46 inch Filter Fan Plus

Replacement Filter Elements								
Part Number	Price	Dimensions HxW in (mm)	Use With Filter Fan Part Number	Use With Intake or Exhaust Grille Part Number	Filter Rating	Average Arrestance (Filtering Level)	Filter Density g/m2	Pieces per Package
<b>086330-00</b>	\$8.50	3.31 x 3.31 [84 x 84]	018700-30 018701-30 018702-30 018703-30 018709-30 018800-40 018809-40	118800-30	G3 (coarse)	84%	200	5
<b>086340-00</b>	\$11.25	4.65 x 4.65 [118 x 118]	018010-01 018010-02 018210-02 018210-04 018710-30 018711-30 018712-30 018713-30 018719-30 018810-40 018819-40	118010-00 118210-00 118810-30				
<b>086350-00</b>	\$15.00	6.61 x 6.61 [168 x 168]	018020-01 018020-02 018040-01 018720-30 018721-30 018722-30 018723-30 018729-30 018820-40 018829-40	118020-00 118820-30				
<b>086360-00</b>	\$19.50	8.46 x 8.46 [215 x 215]	018730-30 018739-30 018830-40 018839-40	118830-30				
<b>086370-00</b>	\$25.50	11.14 x 11.14 [283 x 283]	018740-30 018749-30 018840-40 018849-40	118840-30				
<i>Table continued on next page</i>								



# Replacement Filter Elements

Replacement Filter Elements (continued)								
Part Number	Price	Dimensions HxW in (mm)	Use With Filter Fan Part Number	Use With Intake or Exhaust Grille Part Number	Filter Rating	Average Arrestance (Filtering Level)	Filter Density g/m2	Pieces per Package
<b>086270-00</b>	\$7.25	3.31 x 3.31 [84 x 84]	018700-30, 018701-30 018702-30, 018703-30 018709-30, 018800-40 018809-40	118800-30	G4 (medium)	94%	350	3
<b>086000-00</b>	\$6.25	3.50 x 3.50 [89 x 89]	018000-01, 018000-02	118000-00				
<b>086010-00</b>	\$7.75	4.65 x 4.65 [118 x 118]	018010-01, 018010-02 018210-02, 018210-04 018710-30, 018711-30 018712-30, 018713-30 018719-30, 018810-40 018819-40	118010-00 118210-00 118810-30				
<b>086020-00</b>	\$8.75	6.61 x 6.61 [168 x 168]	018020-01, 018020-02 018040-01, 018720-30 018721-30, 018722-30 018723-30, 018729-30 018820-40, 018829-40	118020-00 118820-30				
<b>086280-00</b>	\$13.50	8.46 x 8.46 [215 x 215]	018730-30, 018739-30 018830-40, 018839-40	118830-30				
<b>086080-00</b>	\$24.00	9.72 x 9.72 [247 x 247]	018030-01, 018030-03 018050-01	118030-00				
<b>086290-00</b>	\$18.25	11.14 x 11.14 [283 x 283]	018740-30, 018749-30 018840-40, 018849-40	118840-30				
<b>086300-00</b>	\$7.25	3.31 x 3.31 [84 x 84]	018700-30, 018701-30 018702-30, 018703-30 018709-30, 018800-40 018809-40	118800-30	M5 (fine)	98%	360	3
<b>086030-00</b>	\$7.25	3.50 x 3.50 [89 x 89]	018000-01, 018000-02	118000-00				
<b>086040-00</b>	\$9.50	4.65 x 4.65 [118 x 118]	018010-01, 018010-02 018210-02, 018210-04 018710-30, 018711-30 018712-30, 018713-30 018719-30, 018810-40 018819-40	118010-00 118210-00 118810-30				
<b>086050-00</b>	\$13.75	6.61 x 6.61 [168 x 168]	018020-01, 018020-02 018040-01, 018720-30 018721-30, 018722-30 018723-30, 018729-30 018820-40, 018829-40	118020-00 118820-30				
<b>086310-00</b>	\$13.50	8.46 x 8.46 [215 x 215]	018730-30, 018739-03 018830-40, 018839-40	118830-30				
<b>086090-00</b>	\$29.00	9.72 x 9.72 [247 x 247mm]	018030-01, 018030-30 018050-01	118030-00				
<b>086320-00</b>	\$18.25	11.14 x 11.14 [283 x 283]	018740-30, 018749-30 018840-40, 018849-40	118840-30				



# Air Volume and Pressure Data for Upgraded Filter Mats

Airflow and Pressure Data						
Fan Part Number	Filter Mat Airflow (cfm)				Filter Mat Static Pressure (Pa)	
	G4 fan filter*	G4 fan filter and exhaust filter**	M5 fan filter free flow*	M5 fan filter with exhaust filter**	G4 fan filter free flow*	M5 fan filter*
018000-02	–	9	4	3	–	37
018000-01	–	11	5	4	–	35
018010-02	–	25	16	13	–	53
018010-01	–	28	19	15	–	50
018020-02	–	40	31	21	–	30
018020-01	–	46	36	24	–	35
018040-01	–	84	58	36	–	100
018030-03	–	135	47	36	–	46
018030-01	–	156	54	42	–	54
018050-01	–	203	145	83	–	140
018700-30	9.4	7.1	4.1	3.5	48	48
018800-00	14	7.7	14	4.1	48	48
018800-40	11	7.7	11	4.7	48	48
018710-30	28	25	14	12	76	76
018810-00	57	26	57	12	76	76
018810-40	33	24	33	12	76	76
018720-30	83	74	48	41	140	140
018820-00	155	74	155	40	140	140
018820-40	106	66	106	38	140	140
018730-30	147	130	70	62	132	132
018830-00	316	140	316	74	136	136
018830-40	183	121	183	68	132	132
018740-30	250	212	118	94	107	107
018840-00	428	218	428	109	117	117
018840-40	300	153	300	100	107	107

Notes: \*Fan with filter and louver  
 \*\*Fan with filter, louver, exhaust filter, and grille.  
 Part numbers not listed in this table have no test data available.