

These indoor/outdoor Filter Fan and Exhaust Packages are used in enclosures to dissipate heat harmful to sensitive electronic components. The fans feature a filter that is easily changed by opening the lockable door of the outdoor hood. IP55 protection is reached by the specially-designed hood and the use of special filters. The plastic casing is impact-resistant, weather-proof and UV resistant.



Model No.	Filter Fan	Exhaust Filter	Voltage	Hz	Current Consumption	Power Consumption	EMC Version
KSFF	✓		120 VAC	60	180mA	15W	
K2SFF	✓		230 VAC	50	100mA	15W	
KS7FF	✓		24 VDC		0.21A	5.04W	
KS8FF	✓		48 VDC		0.16A	7.68W	
KSFF/E	✓		120 VAC	60	180mA	15W	✓
K2SFF/E	✓		230 VAC	50	100mA	15W	✓
KSEF		✓					
KSEF/E		✓					✓

## TECHNICAL DATA

### FILTER FANS

Filter mat: Fine Grade 360g/m<sup>2</sup>, filtering degree 98%  
 particle Ø > 10 µm, F5 (EN779)

Airflow - free blowing: 11.8 cfm (20 m<sup>3</sup>/h)  
**Note: Airflow increases by approximately 15% for 120 V/60 Hz models**

Average noise level at 3 ft.  
 (DIN EN ISO 9614-2): 40 dB (A)

Mounting depth: 2.4 in (62.0mm)

Enclosure cut-out: 4.9 x 4.9 in (125 x 125mm + 0.4)

Approx. weight: 2.6 lbs (1.2kg)

Protection type: IP 55

Axial fan: Ball bearing, aluminum frame, plastic impeller - UL 94V-0

Filter fan housing: Plastic ASA, UL 94HB, light grey, temperature resistant -31 to 194°F.

Mounting frame: Double-sided industrial adhesive tape for affixing to the outside of enclosures

Agency approvals: UL

### EXHAUST FILTER

Filter Mat: Fine grade 360 g/m<sup>2</sup>, filtering degree 98%  
 particle Ø > 10 µm, F5 (EN779)

Mounting depth: 2.4 in (62.0mm)

Enclosure cut-out: 4.9 x 4.9 in (125 x 125mm + 0.4)

Approx. weight: 2.1 lbs (0.95kg)

Protection type: IP 55

#### Replacement filter:

Filter Mat (F5) 122 x 122mm Fine Grade:  
 Part Number: **KS481F** (package of 3)

## DRAWINGS

Dimensions, inches [mm], are for reference only and are subject to change.

