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# SK 3239.118 TopTherm Filter Fan Units

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## SK 3239.118 - TopTherm Filter Fan Units

Complete fan unit for tool-free mounting on surfaces. Air throughput from 11.77 - 529.72 cfm, protection category IP 54 as standard.



#### **Features**

SK 3239.118
wall-mounted
Filter fans with diagonal fan technology are more pressure-resistant and produce more constant air performance. The diagonal outflow direction ensures a more uniform heat dissipation from the enclosure.
Since May 2024, the cover for the connection terminal is no longer part of the TopTherm filter fan. During testing, it was found not to be required by the standards and does not impair function or operational safety.  Le recouvrement pour la borne de raccordement ne fait plus partie des ventilateurs à filtre TopTherm depuis mai 2024. Lors de la vérification, il s'est avéré qu'elle n'est pas nécessaire d'un point de vue normatif et qu'elle ne constitue pas une altération de la fonction ni de la sécurité de fonctionnement.
RAL 9005
Complete unit ready to install, including chopped fiber filter mat
Axial, shaded pole motor
At 50 Hz: 100 m³/h At 60 Hz: 115 m³/h

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## Features

Unimpeded air flow (with pleated filter)  At 50 Hz: 110 m³/h At 60 Hz: 125 m³/h  Air throughput with outlet filter incl. chopped fiber filter mat (quantity x order number)  Rated operating voltage  115 V, 1~, 50 Hz/60 Hz  Rated power Pel  At 50 Hz: 16.5 W At 60 Hz: 14.9 W  Rated current max.  At 50 Hz: 0.24 A At 60 Hz: 0.18 A  Dimensions  Width: 204 mm Height: 204 mm Height: 204 mm  Mounting cut-out  Width of opening: 177 mm Cut-out height: 177 mm  Protection category IP to IEC 60  1P 54 with chopped fiber filter/pleated filter and hose-proof liber filter/pleated filter and hose-proof liber filter/pleated filter and hose-proof liber filter.  Protection category NEMA  Type 12 with chopped fiber filter/pleated filter and hose-proof liber filter.  Pre-fuse  Miniature circuit-breaker/fuse: 2 A  Note  A pleated filter can optionally be used to increase the air threat (see characteristic curve). This can be used with both the filt roof-mounted fans and the exhaust filters.  For the 3237 XXX filter fan, the electrical connection is made individual wires (length approx. 300 mm) on the unit, for all of filter fans, it's made via a spring-loaded terminal  Service life of fans (L10, 40 °C)  At 50 Hz: 68,200 h  Operating temperature range  -15 °C55 °C		
incl. chopped fiber filter mat (quantity x order number)  Rated operating voltage  115 V, 1~, 50 Hz/60 Hz  Rated power Pel  At 50 Hz: 16.5 W At 60 Hz: 14.9 W  Rated current max.  At 50 Hz: 0.24 A At 60 Hz: 0.18 A  Dimensions  Width: 204 mm Height: 204 mm  Installation depth  90 mm  Mounting cut-out  Width of opening: 177 mm Cut-out height: 177 mm Cut-out height: 177 mm  Protection category IP to IEC 60  IP 54 with chopped fiber filter/pleated filter 1P 55 with pleated filter and absorber mat IP 56 with chopped fiber filter/pleated filter Type 3 Type 3 Type 3 Type 3 Type 4 Type 4X with chopped fiber filter/pleated filter and hose-proof  Pre-fuse  Miniature circuit-breaker/fuse: 2 A  Note  A pleated filter can optionally be used to increase the air three (see characteristic curve). This can be used with both the filter of-mounted fans and the exhaust filters. For the 3237.XXXX filter fan, the electrical connection is madindividual wires (length approx. 300 mm) on the unit, for all of filter fans, it's made via a spring-loaded terminal  Service life of fans (L10, 40 °C))  At 50 Hz: 68,200 h  At 60 Hz: 68,200 h		, ,
Rated power Pel  At 50 Hz: 16.5 W At 60 Hz: 14.9 W  Rated current max.  At 50 Hz: 0.24 A At 60 Hz: 0.18 A  Dimensions  Width: 204 mm Height: 204 mm  Installation depth  90 mm  Mounting cut-out  Width of opening: 177 mm Cut-out height: 177 mm  Protection category IP to IEC 60  IP 54 with chopped fiber filter/pleated filter 1P 55 with pleated filter and absorber mat 1P 56 with chopped fiber filter/pleated filter and hose-proof IP 50 with chopped fiber filter/pleated filter and hose-proof IP 50 with chopped fiber filter/pleated filter and hose-proof IP 50 with chopped fiber filter/pleated filter and hose-proof IP 50 with chopped fiber filter/pleated filter 50 with chopped fiber filter/pleated filter 50 with 50 w		cl. chopped fiber filter mat
At 50 Hz: 14.9 W  Rated current max.  At 50 Hz: 0.24 A At 60 Hz: 0.18 A  Dimensions  Width: 204 mm Height: 204 mm  Installation depth  90 mm  Mounting cut-out  Width of opening: 177 mm Cut-out height: 177 mm  Protection category IP to IEC 60  IP 54 with chopped fiber filter/pleated filter 1P 55 with pleated filter and absorber mat IP 56 with chopped fiber filter/pleated filter and hose-proof to the filter state of the filt		ated operating voltage
At 60 Hz: 0.18 A  Dimensions  Width: 204 mm  Height: 204 mm  Mounting cut-out  Width of opening: 177 mm Cut-out height: 177 mm  Protection category IP to IEC 60  IP 54 with chopped fiber filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped fiber filter/pleated filter and hose-proof I  Protection category NEMA  Type 12 with chopped fiber filter/pleated filter Type 3 Type 3R Type 4  Type 4X with chopped fiber filter/pleated filter and hose-proof I  Pre-fuse  Miniature circuit-breaker/fuse: 2 A  Note  A pleated filter can optionally be used to increase the air thm (see characteristic curve). This can be used with both the fil roof-mounted fans and the exhaust filters. For the 3237.XXX filter fan, the electrical connection is madindividual wires (length approx. 300 mm) on the unit, for all of filter fans, it's made via a spring-loaded terminal  Service life of fans (L10, 40 °C))  At 50 Hz: 68,200 h At 60 Hz: 68,200 h		ated power Pel
Height: 204 mm  Installation depth  90 mm  Mounting cut-out  Width of opening: 177 mm Cut-out height: 177 mm  Protection category IP to IEC 60  IP 54 with chopped fiber filter/pleated filter 529  IP 55 with pleated filter and absorber mat IP 56 with chopped fiber filter/pleated filter and hose-proof filter/pleated filter and hose-proof filter and hos		ated current max.
Mounting cut-out  Width of opening: 177 mm  Cut-out height: 177 mm  Protection category IP to IEC 60  IP 54 with chopped fiber filter/pleated filter  IP 55 with pleated filter and absorber mat  IP 56 with chopped fiber filter/pleated filter and hose-proof to the filter filte		mensions
Cut-out height: 177 mm  Protection category IP to IEC 60 IP 54 with chopped fiber filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped fiber filter/pleated filter and hose-proof IP Protection category NEMA Type 12 with chopped fiber filter/pleated filter Type 3 Type 3R Type 4 Type 4X with chopped fiber filter/pleated filter and hose-proof Pre-fuse Miniature circuit-breaker/fuse: 2 A  Note A pleated filter can optionally be used to increase the air threat (see characteristic curve). This can be used with both the filter conf-mounted fans and the exhaust filters. For the 3237.XXX filter fan, the electrical connection is made individual wires (length approx. 300 mm) on the unit, for all of filter fans, it's made via a spring-loaded terminal  Service life of fans (L10, 40 °C)) At 50 Hz: 68,200 h At 60 Hz: 68,200 h		stallation depth
IP 55 with pleated filter and absorber mat IP 56 with chopped fiber filter/pleated filter and hose-proof filter/pleated filter and hose-proof filter/pleated filter and hose-proof filter/pleated filter Type 3 Type 3R Type 4 Type 4X with chopped fiber filter/pleated filter and hose-proof Pre-fuse  Miniature circuit-breaker/fuse: 2 A  Note  A pleated filter can optionally be used to increase the air three (see characteristic curve). This can be used with both the filter of-mounted fans and the exhaust filters. For the 3237.XXX filter fan, the electrical connection is made individual wires (length approx. 300 mm) on the unit, for all of filter fans, it's made via a spring-loaded terminal  Service life of fans (L10, 40 °C))  At 50 Hz: 68,200 h  At 60 Hz: 68,200 h		ounting cut-out
Type 3 Type 3R Type 4 Type 4X with chopped fiber filter/pleated filter and hose-production  Pre-fuse Miniature circuit-breaker/fuse: 2 A  Note A pleated filter can optionally be used to increase the air threat (see characteristic curve). This can be used with both the filter roof-mounted fans and the exhaust filters. For the 3237.XXX filter fan, the electrical connection is made individual wires (length approx. 300 mm) on the unit, for all of filter fans, it's made via a spring-loaded terminal  Service life of fans (L10, 40 °C))  At 50 Hz: 68,200 h  At 60 Hz: 68,200 h	se-proof hood	• •
Note  A pleated filter can optionally be used to increase the air three (see characteristic curve). This can be used with both the filter roof-mounted fans and the exhaust filters.  For the 3237.XXX filter fan, the electrical connection is made individual wires (length approx. 300 mm) on the unit, for all of filter fans, it's made via a spring-loaded terminal  Service life of fans (L10, 40 °C))  At 50 Hz: 68,200 h  At 60 Hz: 68,200 h	hose-proof ho	otection category NEMA
(see characteristic curve). This can be used with both the fill roof-mounted fans and the exhaust filters.  For the 3237.XXX filter fan, the electrical connection is made individual wires (length approx. 300 mm) on the unit, for all of filter fans, it's made via a spring-loaded terminal  Service life of fans (L10, 40 °C))  At 50 Hz: 68,200 h  At 60 Hz: 68,200 h		e-fuse
At 60 Hz: 68,200 h	ooth the filter &	ote
Operating temperature range -15 °C55 °C		ervice life of fans (L10, 40 °C))
1 5 1 5		perating temperature range
Storage temperature range -30 °C70 °C		orage temperature range

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## Features

Noise pressure level	At 50 Hz: 46 dB(A)
	At 60 Hz: 49 dB(A)
Packaging unit	1 pc(s).
Net weight	0.92
Gross weight	1.04
Customs tariff number	84145915
EAN	4028177663480
ETIM 9	EC000320
ETIM 8	EC000320
ECLASS 8.0	27180716

# Approvals

Approvals	30 - KC Korea
	UL + C-UL - FTTA
	UR + C-UR (recognized)
Explanations	Declaration of conformity
	Declaration of conformity UK

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