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SK 3244.118 TopTherm fan-and-filter units

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3244.118 - TopTherm fan-and-filter units

Complete fan unit for tool-free mounting on surfaces. Air throughput from 20 - 900 m³/h, standard protection category IP 54.

Features

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| Model No. | SK 3244.118 |
| Design | wall-mounted |
| Product description | Fan-and-filter units with diagonal fan technology have superior pressure stability and ensure a more constant air throughput. The diagonal direction of outflow ensures more even heat dissipation from the enclosure. |
| Colour | RAL 9005 |
| Supply includes | Complete unit ready to install, including chopped-fibre filter mat |
| Fan | Diagonal, 1~ capacitor motor |
| Air throughput, unimpeded airflow (with chopped-fibre filter) | At 50 Hz: 700 m ³ /h At 60 Hz: 770 m ³ /h |
| Air throughput, unimpeded airflow (with pleated filter) | At 50 Hz: 855 m ³ /h At 60 Hz: 905 m ³ /h |
| Air throughput with outlet filter including chopped-fibre filter mat (quantity x order number) | 1 x 3243208: 485/520 m ³ /h 2 x 3243208: 570/630 m ³ /h |
| Rated operating voltage | 115 V, 1~, 50 Hz/60 Hz |
| Power consumption Pel | At 50 Hz: 100 W At 60 Hz: 145 W |
| Rated current max. | At 50 Hz: 0.9 A At 60 Hz: 1.25 A |
| Dimensions | Width: 323 mm Height: 323 mm |
| Installation depth | 130.5 mm |
| Mounting cut-out | Cut-out width: 292 mm Cut-out height: 292 mm |

Features

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| IP protection category to IEC 60529 | IP54 with chopped-fibre filter/pleated filter IP55 with pleated filter and absorber mat IP56 with chopped-fibre filter/pleated filter and hose-proof hood |
| Protection category NEMA | Type 12 with chopped-fibre filter/pleated filter Type 3 Type 3R Type 4 Type 4X with chopped-fibre filter - pleated filter and hose-proof hood |
| Pre-fuse | Miniature circuit-breaker/fuse: 6 A |
| Note | To increase the air throughput, a pleated filter may optionally be used (see characteristic curve). Suitable for use with fan-and-filter units, roof-mounted fans and outlet filters. With the fan-and-filter unit 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other fan-and-filter units, a screwless spring terminal is used |
| Service life of fans (L10, 40 °C) | At 50 Hz: 66,000 h At 60 Hz: 62,000 h |
| Operating temperature range | -30 °C...55 °C |
| Storage temperature range | -30 °C...70 °C |
| Noise level | At 50 Hz: 65 dB(A) At 60 Hz: 66 dB(A) |
| Weight/pack | 4.3 kg |
| Packs of | 1 pc(s). |
| Customs tariff number | 84145915 |
| EAN | 4028177663893 |
| ETIM 8 | EC000320 |
| ETIM 7.0 | EC000320 |
| ECLASS 8.0 | 27180716 |

Approvals

Approvals

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|--------------|---|
| Approvals | UL + C-UL - FTTA UR + C-UR (recognized) |
| Explanations | Declaration of conformity Declaration of conformity UK |

Tender text

Fan-and-filter units with diagonal fan technology have superior pressure stability and ensure a more constant air throughput. The diagonal direction of outflow ensures more even heat dissipation from the enclosure

Air throughput (unimpeded air flow): 700 / 770 m³/h

Power consumption: 100 / 145 W

Rated current: 0,90 / 1,25 A

Rated operating voltage: 115 V, 1~, 50/60 Hz

Fan: Diagonal, 1~ capacitor motor

Dimensions [WxH]: 323x323 mm

Build depth: 25 mm

Installation depth: 130,5 mm

Mounting cut-out [WxH]: 292x292 mm

Operating temperature range: -30°C to 55°C

Storage temperature range: -30°C to 70°C

Colour: RAL 9005

Protection category IP to IEC 60 529:

IP 54 with fleece filter/pleated filter

IP 55 with pleated filter and absorber mat

IP 56 with fleece filter/pleated filter and hose-proof hood

Protection category NEMA:

Type 12 with fleece filter/pleated filter

Type 3, 3R, 4, 4X with fleece filter/pleated filter and hose-proof hood

Noise level: 65 / 66 db(A)

Service life of fans: 66.000 / 62.000 h

Weight: 4,3 kg