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SK 3238.110

TopTherm fan-and-filter units

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3238.110 - 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 3238.110 |
| 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 7035 |
| Supply includes | Complete unit ready to install, including chopped-fibre filter mat |
| Fan | Axial, shaded pole motor |
| Air throughput, unimpeded airflow (with chopped-fibre filter) | At 50 Hz: 52 m ³ /h At 60 Hz: 63 m ³ /h |
| Air throughput, unimpeded airflow (with pleated filter) | At 50 Hz: 63 m ³ /h At 60 Hz: 70 m ³ /h |
| Air throughput with outlet filter including chopped-fibre filter mat (quantity x order number) | 1 x 3238200: 36/42 m ³ /h 2 x 3238200: 46/54 m ³ /h |
| Rated operating voltage | 115 V, 1~, 50 Hz/60 Hz |
| Power consumption 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 |

Features

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| Dimensions | Width: 148.5 mm Height: 148.5 mm |
| Installation depth | 58.5 mm |
| Mounting cut-out | Cut-out width: 124 mm Cut-out height: 124 mm |
| IP protection category to IEC 60529 | IP54 with chopped-fibre filter/pleated filter IP56 with chopped-fibre filter/pleated filter and hose-proof hood |
| Protection category NEMA | Type 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose-proof hood |
| Pre-fuse | Miniature circuit-breaker/fuse: 2 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: 68,200 h At 60 Hz: 68,200 h |
| Operating temperature range | -15 °C...55 °C |
| Storage temperature range | -30 °C...70 °C |
| Noise level | At 50 Hz: 46 dB(A) At 60 Hz: 49 dB(A) |
| Weight/pack | 0.8 kg |
| Packs of | 1 pc(s). |
| Customs tariff number | 84145915 |
| EAN | 4028177651715 |
| ETIM 8 | EC000320 |
| ETIM 7.0 | EC000320 |
| ECLASS 8.0 | 27180716 |

Approvals

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|--------------|---|
| Approvals | CSA 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): 52 / 63 m³/h

Power consumption: 19 / 18 W

Rated current: 0,24 / 0,22 A

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

Fan: Axial, shaded pole motor

Dimensions [WxH]: 148,5x148,5 mm

Build depth: 16 mm

Installation depth: 58,5 mm

Mounting cut-out [WxH]: 124x124 mm

Operating temperature range: -15°C to 55°C

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

Colour: RAL 7035

Protection category IP to IEC 60 529:

IP 54 with fleece filter/pleated filter

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: 46 / 49 db(A)

Service life of fans: 68.200 / 68.200 h

Weight: 0,80 kg