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SK 3239.124

TopTherm fan-and-filter units

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ENCLOSURES

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3239.124 - 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 3239.124 |
| 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 7035 |
| Supply includes | Complete unit ready to install, including chopped-fibre filter mat |
| Fan | Axial, DC motor |
| Air throughput, unimpeded airflow (with chopped-fibre filter) | With DC: 100 m ³ /h |
| Air throughput, unimpeded airflow (with pleated filter) | With DC: 110 m ³ /h |
| Air throughput with outlet filter including chopped-fibre filter mat (quantity x order number) | 1 x 3239200: 74 m ³ /h 2 x 3239200: 84 m ³ /h |
| Rated operating voltage | 24 V (DC) |
| Power consumption Pel | With DC: 5.7 W |
| Rated current max. | With DC: 0.24 A |
| Dimensions | Width: 204 mm Height: 204 mm |
| Installation depth | 90 mm |
| Mounting cut-out | Cut-out width: 177 mm Cut-out height: 177 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, 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 |
| Operating temperature range | -15 °C...55 °C |
| Storage temperature range | -30 °C...70 °C |
| Noise level | With DC: 46 dB(A) |
| Weight/pack | 0.78 kg |
| Packs of | 1 pc(s). |
| Customs tariff number | 84145915 |
| EAN | 4028177651845 |
| E-Number Sweden | E3404341 |
| 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) |
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Approvals

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): 100 m³/h

Power consumption: 5,5 W

Rated current: 0,32 A

Rated operating voltage: 24 V (DC)

Fan: Axial, DC motor

Dimensions [WxH]: 204x204 mm

Build depth: 24 mm

Installation depth: 90 mm

Mounting cut-out [WxH]: 177x177 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 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: 46 db(A)

Service life of fans: 95.500 h

Weight: 0,78 kg