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## SK 3239.624 TopTherm filter fans

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FRIEDHELM LOH GROUP



# SK 3239.624 - TopTherm filter fans EMC

Complete fan unit with EMC shielding for tool-free mounting on surfaces. Air throughput from 20 - 900 m<sup>3</sup>/h, standard protection category IP 54.



## Features

|                                                                                                |                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.                                                                                      | SK 3239.624                                                                                                                                                                                                                |
| Design                                                                                         | wall-mounted<br>EMC                                                                                                                                                                                                        |
| Product description                                                                            | EMC fan-and-filter units offer a high shielding/attenuation effect and meet requirement category 2 to EN 61587-3.                                                                                                          |
| Product changes                                                                                | The cover for the connection clamp has not been part of the TopTherm filter fans since May 2024. In testing, it proved not to be necessary to meet the standard, and affects neither function nor operational reliability. |
| Colour                                                                                         | RAL 7035                                                                                                                                                                                                                   |
| Supply includes                                                                                | Complete unit ready to install, including chopped-fibre filter mat                                                                                                                                                         |
| Fan                                                                                            | Axial, DC motor                                                                                                                                                                                                            |
| Air throughput with outlet filter including chopped-fibre filter mat (quantity x order number) | 1 x 3239060: 74 m <sup>3</sup> /h<br>2 x 3239060: 84 m <sup>3</sup> /h                                                                                                                                                     |
| Air throughput, unimpeded airflow (with chopped-fibre filter) DC                               | 100 m <sup>3</sup> /h                                                                                                                                                                                                      |
| Rated operating voltage                                                                        | 24 V (DC)                                                                                                                                                                                                                  |
| Rated current max.                                                                             | With DC: 0.24 A                                                                                                                                                                                                            |
| Power consumption Pel                                                                          | With DC: 5.7 W                                                                                                                                                                                                             |

# Features

|                                     |                                                                                                                                                     |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions                          | Width: 204 mm<br>Height: 204 mm                                                                                                                     |
| Installation dimensions             | Build depth: 24 mm<br>Installation depth: 90 mm                                                                                                     |
| Mounting cut-out                    | Cut-out width: 177 mm<br>Cut-out height: 177 mm                                                                                                     |
| Note                                | To improve energy efficiency and extend the service life of the devices, we recommend the use of thermostats or temperature displays                |
| IP protection category to IEC 60529 | IP 54 with chopped-fibre filter<br>IP 56 with chopped-fibre filter and hose-proof hood                                                              |
| Protection category NEMA            | Type 12 with chopped-fibre filter<br>Type 3R with chopped-fibre filter and hose-proof hood<br>Type 4X with chopped-fibre filter and hose-proof hood |
| Pre-fuse                            | Miniature circuit-breaker/fuse: 2 A                                                                                                                 |
| Service life                        | 95,500 h                                                                                                                                            |
| Operating temperature range         | -15 °C...55 °C                                                                                                                                      |
| Storage temperature range           | -30 °C...70 °C                                                                                                                                      |
| Noise level                         | With DC: 46 dB(A)                                                                                                                                   |
| Packs of                            | 1 pc(s).                                                                                                                                            |
| Net weight                          | 1.1 kg                                                                                                                                              |
| Gross weight                        | 1.24 kg                                                                                                                                             |
| Customs tariff number               | 84145915                                                                                                                                            |
| ETIM 9                              | EC000320                                                                                                                                            |
| ECLASS 8.0                          | 27180716                                                                                                                                            |
| Product description                 | SK Fan-and-filter unit TopTherm, 100 m³/h, 24 V (DC), WHD: 204 x 204 x 24 mm, EMC                                                                   |

# Approvals

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Explanations

Declaration of conformity