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## **TopTherm fan-and- filter units – SK 3240.100**

Date : Aug 18, 2021

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FRIEDHELM LOH GROUP



# TopTherm fan-and-filter units – SK 3240.100

created: 18.08.2021 on [www.rittal.com/com-en](http://www.rittal.com/com-en)



## Product description

|                                                  |                                                                                                                                                                                                        |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protection category<br/>IP to IEC 60 529:</b> | IP 54<br>with standard filter and additional fine filter mat: IP 55<br>with standard filter and hose-proof hood: IP 56                                                                                 |
| <b>Protection category<br/>NEMA:</b>             | Type 12<br>with standard filter and additional fine filter mat: Type 12<br>with standard filter and hose-proof hood: Type 3, 3R, 4, 4X                                                                 |
| <b>Supply includes:</b>                          | Complete unit ready to install, including filter mat                                                                                                                                                   |
| <b>Note:</b>                                     | 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 |

## Product description

|                                                                                                                                        |                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Air throughput<br/>(unimpeded air flow):</b>                                                                                        | At 50 Hz: 180 m³/h<br>At 60 Hz: 160 m³/h                                            |
| <b>Air throughput with<br/>outlet filter including<br/>standard filter mat<br/>(quantity x order<br/>number, output 50/60<br/>Hz):</b> | 1 x 3240200: 138/121 m³/h<br>2 x 3240200: 165/140 m³/h<br>1 x 3243200: 165/140 m³/h |
| <b>Rated operating<br/>voltage:</b>                                                                                                    | 230 V, 1~, 50 Hz/60 Hz                                                              |
| <b>Dimensions:</b>                                                                                                                     | Width: 255 mm<br>Height: 255 mm                                                     |
| <b>Required mounting</b>                                                                                                               | Width: 224 mm                                                                       |

|                                              |                                                                                             |
|----------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>cut-out:</b>                              | Height: 224 mm                                                                              |
| <b>Build depth:</b>                          | 25 mm                                                                                       |
| <b>Installation depth:</b>                   | 107 mm                                                                                      |
| <b>Temperature range:</b>                    | Bearing: -30 °C...+70 °C<br>Operation (environment): -30 °C...+55 °C                        |
| <b>Power consumption<br/>P<sub>el</sub>:</b> | At 50 Hz: 35 W<br>At 60 Hz: 34 W                                                            |
| <b>Rated current max.:</b>                   | At 50 Hz: 0.21 A<br>At 60 Hz: 0.19 A                                                        |
| <b>Miniature circuit-breaker/fuse:</b>       | 2 A                                                                                         |
| <b>Service life at 50 Hz:</b>                | 72000 h                                                                                     |
| <b>Service life at 60 Hz:</b>                | 76000 h                                                                                     |
| <b>Noise level:</b>                          | At 50 Hz: 51 dB(A)<br>At 60 Hz: 46 dB(A)                                                    |
| <b>Colour:</b>                               | RAL 7035                                                                                    |
| <b>Fan:</b>                                  | Diagonal, shaded pole motor                                                                 |
| <b>eCl@ss 8.0/8.1:</b>                       | 27180716                                                                                    |
| <b>Packs of:</b>                             | 1 pc(s).                                                                                    |
| <b>Weight/pack:</b>                          | 2.26 kg                                                                                     |
| <b>EAN:</b>                                  | 4028177651937                                                                               |
| <b>Customs tariff number:</b>                | 84145915                                                                                    |
| <b>ETIM 7.0:</b>                             | EC000320                                                                                    |
| <b>ETIM 6.0:</b>                             | EC000320                                                                                    |
| <b>eCl@ss 8.0/8.1:</b>                       | 27180716                                                                                    |
| <b>eCl@ss 6.0/6.1:</b>                       | 27180716                                                                                    |
| <b>Product description:</b>                  | SK fan and filter units TopTherm, 180/160 m³/h, 230 V, 1~, 50/60 Hz, WHD: 255 x 255 x 25 mm |

## Approvals

|                      |                                                                                   |
|----------------------|-----------------------------------------------------------------------------------|
| <b>Approvals:</b>    | Approval overview<br>CCC exception letter<br>CSA<br>UL + C-UL - FTTA<br>UR + C-UR |
| <b>Certificates:</b> | EAC                                                                               |
| <b>Declarations:</b> | Declaration of conformity                                                         |