

# TopTherm fan-and-filter unit



**Supply includes:**  
Complete unit ready to install,  
including filter mat.

B = Width  
H = Height  
T = Depth

## Air throughput 20 – 66 m<sup>3</sup>/h

| Model No. SK fan-and-filter unit                                | 3237.100                                      | 3237.110   | 3237.124                  | 3238.100   | 3238.110   | 3238.124                  |
|---|---|------------|---------------------------|--|------------|---------------------------|
| <b>Model No. SK fan-and-filter unit – EMC</b>                   | <b>3237.600</b>                               | –          | –                         | <b>3238.600</b>  | –          | –                         |
| Rated operating voltage V, Hz                                   | 230, 50/60                                    | 115, 50/60 | 24 (DC)                   | 230, 50/60   | 115, 50/60 | 24 (DC)                   |
| Dimensions mm   | B1/H1 116.5 x 116.5                           |            |                           | 148.5 x 148.5  |            |                           |
|   | B2/H2 92 x 92                                 |            |                           | 124 x 124  |            |                           |
|   | T1  | 16         |                           | 16   |            |                           |
| Max. installation depth mm                                      | T2 43   |            |                           | 58.5   |            |                           |
| <b>Air throughput, unimpeded air flow</b>                       | <b>20/25 m<sup>3</sup>/h</b>                  |            | <b>20 m<sup>3</sup>/h</b> | <b>55/66 m<sup>3</sup>/h</b>   |            | <b>55 m<sup>3</sup>/h</b> |
| Air throughput with outlet filter including standard filter mat | 1 x SK 3237.200: <b>15/18 m<sup>3</sup>/h</b> |            |                           | 1 x SK 3238.200: <b>43/50 m<sup>3</sup>/h</b><br>2 x SK 3238.200: <b>46/56 m<sup>3</sup>/h</b> |            |                           |

|                                  |  |  |           |                                 |  |           |
|----------------------------------|--|--|-----------|---------------------------------|--|-----------|
| Diagonal fan                     | Self-starting shaded pole motor  |  | DC motor  | Self-starting shaded pole motor |  | DC motor  |
| Rated current                    | 0.065 A/0.052 A 0.14 A/0.12 A  |  | 0.14 A    | 0.12 A/0.11 A 0.24 A/0.23 A     |  | 0.28 A    |
| Power consumption                | 11 W/9 W   |  | 3 W       | 19 W/17 W                       |  | 6 W       |
| Pre-fuse                         | 2 A  |  |           |                                 |  |           |
| Noise level                      | 38/43 dB (A)   |  | 38 dB (A) | 46/49 dB (A)                    |  | 46 dB (A) |
| Operating temperature range      | –15°C to +55°C   |  |           |                                 |  |           |
| Storage temperature range        | –30°C to +85°C   |  |           |                                 |  |           |
| Colour                           | RAL 7035   |  |           |                                 |  |           |
| Protection category to EN 60 529 | IP 54 standard<br>IP 55 with additional fine filter mat<br>IP 56 with additional fine filter mat and hose-proof hood |  |           |                                 |  |           |

|   |                 |   |   |                 |   |   |
|---|-----------------|---|---|-----------------|---|---|
| <b>Model No. SK outlet filter</b>       | <b>3237.200</b> |   |   | <b>3238.200</b> |   |   |
| <b>Model No. SK outlet filter – EMC</b> | <b>3237.060</b> | – | – | <b>3238.060</b> | – | – |

| Accessories           | Packs of |          |          |
|-----------------------|----------|----------|----------|
| Filter mats           | 5        | 3321.700 | 3322.700 |
| Fine filter mats      | 5        | –        | 3238.055 |
| Hose-proof hood       | 1        | 3237.080 | 3238.080 |
| Blanking cover        | 1        | 3237.020 | 3238.020 |
| Thermostat            | 1        | 3110.000 |          |
| Temperature indicator | 1        | 3114.200 |          |
| Hygrostat             | 1        | 3118.000 |          |
| Speed control         | 1        | 3120.200 |          |

Special voltages available on request. We reserve the right to make technical modifications.

## Assembly without tools

- Straightforward assembly, exchange and maintenance with no need for tools of any kind
- Simple reversal of the air flow direction by turning the fan module
- Individual positioning of the power connection
- Spring clamp terminals for electrical connection without tools
- Louvred grille latch for fast filter mat replacement without tools

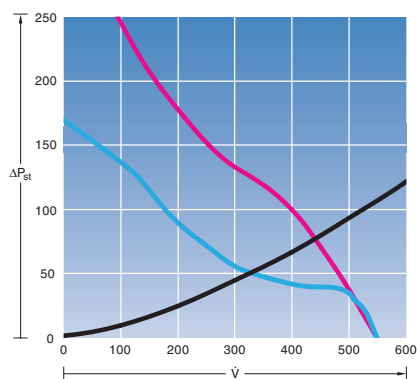


## Efficient technology

- Air throughput from 20 to 700 m<sup>3</sup>/h
- New diagonal fan technology for greater pressure stability and constant air flows in use, even with a contaminated filter mat
- Minimum installation depth
- Flow-optimised air routing
- Extended service life of filter mats and thus longer maintenance intervals



Performance diagram



$\dot{V}$  = Volumetric flow (m<sup>3</sup>/h)  
 $\Delta P_{st}$  = Stat. pressure difference (Pa)  
— = Resistance curve  
Outlet filter SK 3243.200  
— = old 50 Hz  
Fan-and-filter unit SK 3326.xxx  
— = new 50 Hz  
Fan-and-filter unit SK 3243.xxx

## Air routing

- Intelligent symbiosis of radial and axial fan technology
- Air flow spreads diagonally from the fan, promoting a more even air distribution in the enclosure

