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## ► TopTherm Filter Fan Units with EC technology – SK 3245.510

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# TopTherm Filter Fan Units with EC technology – SK 3245.510

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## Product description

**Description:** Energy-efficient version of the TopTherm filter fan units with diagonal fan technology. Fans 3240.500 to 3245.510 may be controlled and monitored. The fan may be activated via the control interface with speed signal output integrated as standard, and monitoring of the fan speed and function is supported.

**Color:** RAL 7035

**Protection category IP to IEC 60 529:** IP 51  
with standard filter and hose-proof hood: IP 56  
with standard filter and additional fine filter mat: IP 52

**Protection category NEMA:** with hose-proof hood: NEMA 1  
with hose-proof hood: NEMA 12  
with hose-proof hood: NEMA 3  
with hose-proof hood: NEMA 3R

**Supply includes:** Complete unit ready for connection, including filter mat

**Note:** For even more efficient operation or for monitoring the filter fan units, we recommend the use of an EC speed control for EC filter fan units.

## Product features

**Air throughput (unimpeded air flow):** At 50 Hz: 900 m<sup>3</sup>/h (529.7 cfm)  
At 60 Hz: 900 m<sup>3</sup>/h (529.7 cfm)

**Air throughput with outlet filter, including standard filter mat** 1 x 3243200: 680 m<sup>3</sup>/h  
2 x 3243200: 820 m<sup>3</sup>/h

(quantity x order number, throughput 50/60 Hz):

<b>Control interface:</b>	yes
<b>Rated operating voltage:</b>	100 V - 130 V, 1~, 50 Hz/60 Hz
<b>Dimensions:</b>	Height: 323 mm (13 ") Width: 323 mm (13 ")
<b>Required mounting cut-out:</b>	Height: 292 mm (11 ") Width: 292 mm (11 ")
<b>Build depth:</b>	25 mm (0.98 ")
<b>Installation depth:</b>	130.5 mm (5.1 ")
<b>Temperature range:</b>	Storage: -25°C...+70°C Operation (environment): -25°C...+55°C
<b>Rated power <math>P_{el}</math>:</b>	At 50 Hz: 165 W At 60 Hz: 165 W
<b>Rated current (max.):</b>	At 50 Hz: 2.1 A At 60 Hz: 2.1 A
<b>Miniature circuit-breaker/fuse:</b>	6 A
<b>Noise pressure level:</b>	At 50 Hz: 72 dB(A) At 60 Hz: 72 dB(A)
<b>Diagonal fan:</b>	Diagonal, EC motor
<b>Packaging unit:</b>	1 pc(s).
<b>Weight/packaging unit:</b>	3.76 kg (8.3 lb.)
<b>EAN:</b>	4028177659018
<b>Customs tariff number:</b>	84145915
<b>ETIM 6.0:</b>	EC000320
<b>ETIM 5.0:</b>	EC000320
<b>eCl@ss 8.0/8.1:</b>	27180716
<b>eCl@ss 7.0/7.1:</b>	27180716

<b>eCl@ss 6.0/6.1:</b>	27180716
<b>eCl@ss 5.1/5.1.4:</b>	27180705
<b>Product description (long):</b>	SK fan and filter units TopTherm, 900 m <sup>3</sup> /h, 100-130 V, 1~, 50/60 Hz, WHD: 323 x 323 x 25 mm, EC-Technology
<b>Approvals</b>	
<b>Approvals:</b>	Approval overview CSA UL + C-UL - FTTA UR + C-UR
<b>Certificates:</b>	EAC
<b>Declarations:</b>	Declaration of conformity