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► TopTherm Filter Fan Units with EC technology – SK 3245.500

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TopTherm Filter Fan Units with EC technology – SK 3245.500

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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 m³/h (529.7 cfm)
At 60 Hz: 900 m³/h (529.7 cfm)

Air throughput with outlet filter, including standard filter mat 1 x 3243200: 680 m³/h
2 x 3243200: 820 m³/h

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

Control interface:	yes
Rated operating voltage:	200 V - 240 V, 1~, 50 Hz/60 Hz
Dimensions:	Height: 323 mm (13 ") Width: 323 mm (13 ")
Required mounting cut-out:	Height: 292 mm (11 ") Width: 292 mm (11 ")
Build depth:	25 mm (0.98 ")
Installation depth:	130.5 mm (5.1 ")
Temperature range:	Storage: -25°C...+70°C Operation (environment): -25°C...+55°C
Rated power P_{el}:	At 50 Hz: 165 W At 60 Hz: 165 W
Rated current (max.):	At 50 Hz: 1.33 A At 60 Hz: 1.33 A
Miniature circuit-breaker/fuse:	4 A
Noise pressure level:	At 50 Hz: 72 dB(A) At 60 Hz: 72 dB(A)
Diagonal fan:	Diagonal, EC motor
Packaging unit:	1 pc(s).
Weight/packaging unit:	3.46 kg (7.6 lb.)
EAN:	4028177652262
Customs tariff number:	84145915
ETIM 6.0:	EC000320
ETIM 5.0:	EC000320
eCl@ss 8.0/8.1:	27180716
eCl@ss 7.0/7.1:	27180716

eCl@ss 6.0/6.1:	27180716
eCl@ss 5.1/5.1.4:	27180705
Product description (long):	SK fan and filter units TopTherm, 900 m ³ /h, 200-240 V, 1~, 50/60 Hz, WHD: 323 x 323 x 25 mm, EC-Technology
Approvals	
Approvals:	Approval overview CSA UL + C-UL - FTTA UR + C-UR
Certificates:	EAC
Declarations:	Declaration of conformity