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► **TopTherm wall-mounted cooling unit
Blue e, UL Type 3R/4
Total cooling output
0.50 – 2.50 kW – SK
3305.548**

Date : Oct 25, 2019

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



TopTherm wall-mounted cooling unit Blue e, UL Type 3R/4 Total cooling output 0.50 – 2.50 kW – SK 3305.548

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Product description

Description: Energy-efficient Blue e wall-mounted cooling units with integral e-Comfort controller, RiNano coating on the condenser and electric condensate evaporation as standard, protection category UL Type 3R/4, 12.

Benefits: Suitable for outdoor siting
Blue e technology
May be linked to the IoT interface via the Blue e IoT adaptor

Material: Sheet steel

Colour: RAL 7035

Protection category IP to IEC 60 529: External circuit IP 34
Internal circuit IP 56

Protection category NEMA: with standard filter: UL Type 3R
with standard filter: UL Type 4
with standard filter: UL Type 12

Supply includes: Nano-coated condenser
Fully wired ready for connection (plug-in terminal strip)
Connection box
Drilling template
Assembly parts
Integral electric condensate evaporation

Note: Compressor cooling mode from +10 °C ambient temperature. Only the internal fan is active in the temperature range -20 °C to +10 °C.

Product features

Variant:	wall-mounted
Total cooling output to DIN EN 14511:	L 35 L 35 at 50 Hz: 1.49 kW L 35 L 35 at 60 Hz: 1.7 kW L 35 L 50 at 50 Hz: 1.04 kW L 35 L 50 at 60 Hz: 1.17 kW
Air throughput (unimpeded air flow):	External circuit: 950 m ³ /h Internal circuit: 540 m ³ /h
Rated operating voltage:	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz
Dimensions:	Width: 405 mm Height: 1020 mm Depth: 358 mm
Temperature control:	e-Comfort controller (factory setting +35 °C)
Installation depth:	410 mm
Temperature range:	Bearing: -40 °C...+70 °C Operation (environment): -20 °C...+50 °C Setting range: +20 °C...+50 °C
Refrigerant/cooling medium:	Refrigerant: R134a Quantity: 500 g Global Warming Potential (GWP): 1430 CO ₂ equivalent (CO ₂ e): 0.72 t
Power consumption P_{el}:	L 35 L 35 at 50 Hz: 0.65 kW L 35 L 35 at 60 Hz: 0.82 kW L 35 L 50 at 50 Hz: 0.78 kW L 35 L 50 at 60 Hz: 0.96 kW
Rated current max.:	At 50 Hz: 2.5 A At 60 Hz: 2.8 A
Start-up current max.:	At 50 Hz: 12.2 A At 60 Hz: 11.3 A
Pre-fuse:	Motor circuit-breaker: 6,3 A...10 A
Permissible operating pressure (p. max.):	28 bar
Packs of:	1 pc(s).
Weight/pack:	52 kg
EAN:	4028177943742

Customs tariff number:	84158200
ETIM 6.0:	EC000855
eCl@ss 8.0/8.1:	27180704
eCl@ss 6.0/6.1:	27180704

Approvals

Approvals:	Approval overview UL + C-UL - FTFA	CCC exception letter UL + C-UL
Certificates:	EAC	
Declarations:	Declaration of conformity Declaration of conformity - F-gas regulation	