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## SK 3332.640

# TopTherm wall-mounted cooling unit Blue e

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3332.640 - TopTherm wall-mounted cooling unit Blue e 0.3 - 4 kW

Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W). Available in the special formats "horizontal" and "flat".



## Features

Model No.	SK 3332.640
Design	wall-mounted
Product description	Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W).
Benefits	May be linked to the IoT interface via Blue e IoT adaptor for cooling units from 500 W cooling output with e-Comfort controller
Product modification	The unit will be available with R134a refrigerant until 31 December 2026. From 1 January 2025, the unit will no longer meet the GWP requirements for the US market. As an alternative, we recommend the use of a Blue e+ cooling unit.
Material	Stainless steel 1.4301 (AISI 304)
Colour	RAL 9007
Supply includes	Condenser with hydrophobic RiNano coating Fully wired ready for connection (plug-in terminal strip) Drilling template Assembly parts Integral electric condensate evaporation

# Features

Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 3.95 kW Cooling output L35 L35/60 Hz: 4.35 kW Cooling output L35 L50/50 Hz: 3.02 kW Cooling output L35 L50/60 Hz: 3.52 kW
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz
Note on Model No.	Extended delivery times. Full installation not possible
Rated current max.	At 50 Hz: 4.2 A At 60 Hz: 4.2 A
Start-up current max.	At 50 Hz: 9.2 A At 60 Hz: 11 A
Air throughput (unimpeded air flow)	External circuit: 2,000 m <sup>3</sup> /h Internal circuit: 1,500 m <sup>3</sup> /h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.47 Refrigeration factor L35 L35 (EER) 60 Hz: 2.18
Design	wall-mounted
Dimensions	Width: 500 mm Height: 1,580 mm Depth: 340 mm
Protection category to IEC 60 529	External circuit IP 34 Internal circuit IP 54
Protection category NEMA	UL Type 12
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 2.995 kg Global Warming Potential (GWP): 1,430 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 4.28 t
Temperature control	e-Comfort controller (factory setting +35 °C)
Operating temperature range	10 °C...55 °C
Storage temperature range	-40 °C...70 °C
Setting range	20 °C...55 °C

# Features

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Power consumption Pel	Power consumption L35 L35/50 Hz: 1.6 kW Power consumption L35 L35/60 Hz: 2 kW Power consumption L35 L50/50 Hz: 1.87 kW Power consumption L35 L50/60 Hz: 2.34 kW
Permissible operating pressure (p. max.)	28 bar
Pre-fuse	Motor circuit-breaker: 6.3...10 A
Packs of	1 pc(s).
Net weight	102.6 kg
Gross weight	108 kg
Customs tariff number	84158200
ETIM 9	EC000855
ETIM 8	EC000855
ECLASS 8.0	27180704
Product description	SK cooling unit Blue e, wall-mounted, 3.95 kW, 400-460 V, 3~, 50/60 Hz, Stainless steel, WHD: 500 x 1580 x 340 mm

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# Approvals

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Approvals	30 - KC Korea UL + C-UL - FTFA UR + C-UR (recognized)
Explanations	Manufacturer's declaration Declaration of conformity Declaration of conformity - F-gas regulation Declaration of conformity UK

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# Tender text

TopTherm wall-mounted cooling units Blue e  
Energy-efficient Blue e wall-mounted cooling units  
with e-comfort controller integrated as standard,  
electrical condensate evaporation  
and hydrophobic RiNano coating on the condenser.

Total cooling output:

L 35 L 35 at 50 Hz: 3.95 kW

L 35 L 35 at 60 Hz: 4.35 kW

L 35 L 50 at 50 Hz: 3.02 kW

L 35 L 50 at 60 Hz: 3.52 kW

Power consumption:

L 35 L 35 at 50 Hz: 1.6 kW

L 35 L 35 at 60 Hz: 2 kW

L 35 L 50 at 50 Hz: 1.87 kW

L 35 L 50 at 60 Hz: 2.34 kW

Air throughput of fans unimpeded airflow external:  
2000 m<sup>3</sup>/h

Air throughput of fans unimpeded airflow internal:  
1500 m<sup>3</sup>/h

Energy efficiency ratio EER: 2.47

Rated operating voltage: 400/460 V, 50/60 Hz

Dimensions [W x H x D]: 500 x 1580 x 340 mm

Refrigerant: R134a

Temperature control: e-Comfort controller (factory  
setting +35°C)

Ambient temperature range: 10°C to 55°C

Setting range: 20°C to 55°C

Protection category to IEC 60 529: External circuit IP  
34

Protection category to IEC 60 529: Internal circuit IP  
54

Weight: 91 kg

Material: Stainless steel