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SK 3305.640

TopTherm wall-mounted cooling unit Blue e

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FRIEDHELM LOH GROUP



SK 3305.640 - 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 3305.640
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
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
Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 1.6 kW Cooling output L35 L35/60 Hz: 1.61 kW Cooling output L35 L50/50 Hz: 1.33 kW Cooling output L35 L50/60 Hz: 1.35 kW
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz

Features

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
Air throughput (unimpeded air flow)	External circuit: 950 m ³ /h Internal circuit: 540 m ³ /h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 1.83 Refrigeration factor L35 L35 (EER) 60 Hz: 1.79
Design	wall-mounted
Dimensions	Width: 400 mm Height: 950 mm Depth: 260 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: 0.5 kg Global Warming Potential (GWP): 1,430 CO ₂ equivalent (CO ₂ e): 0.72 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
Power consumption Pel	Power consumption L35 L35/50 Hz: 0.9 kW Power consumption L35 L35/60 Hz: 1.08 kW Power consumption L35 L50/50 Hz: 1.06 kW Power consumption L35 L50/60 Hz: 1.25 kW
Permissible operating pressure (p. max.)	28 bar
Pre-fuse	Motor circuit-breaker: 6.3...10 A
Note on Model No.	Extended delivery times.
Packs of	1 pc(s).

Features

Weight/pack	42 kg
Net weight	41.8
Gross weight	44
Customs tariff number	84158200
EAN	4028177379763
ETIM 8	EC000855
ETIM 7.0	EC000855
ECLASS 8.0	27180704

Approvals

Approvals	30 - KC Korea UL + C-UL (listed) UL + C-UL - FTTA
Certificates	EAC
Explanations	Declaration of conformity

Tender text

TopTherm wall-mounted cooling unit 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: 1.6 kW

L 35 L 35 at 60 Hz: 1.61 kW

L 35 L 50 at 50 Hz: 1.33 kW

L 35 L 50 at 60 Hz: 1.35 kW

Power consumption:

L 35 L 35 at 50 Hz: 0.9 kW

L 35 L 35 at 60 Hz: 1.08 kW

L 35 L 50 at 50 Hz: 1.06 kW

L 35 L 50 at 60 Hz: 1.25 kW

Air throughput of fans unimpeded airflow external: 900
m³/h

Air throughput of fans unimpeded airflow internal: 800
m³/h

Energy efficiency ratio EER: 1.83

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

Dimensions [W x H x D]: 400 x 950 x 260 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: 42 kg

Material: Stainless steel