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## SK 3185.030

## VX25 Blue e+ integration solution

State: 7/07/2025 (Source: [rittal.com/uk-en](http://rittal.com/uk-en))

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3185.030 - VX25 Blue e+ integration solution

The product is the perfect symbiosis of the VX25 baying enclosure system and Blue e+ cooling unit. Just one Model No. provides an enclosure with integral cooling unit, boasting all the benefits of Blue e+ Technology.

## Features

Model No.	SK 3185.030
Benefits	<p>The perfect symbiosis of the VX25 baying enclosure system and Blue e+ cooling unit</p> <p>The cooling unit is easily pulled out forwards for maintenance purposes</p> <p>No assembly work required – the cooling unit, door-operated switch and connection cabling are installed ready-to-connect</p> <p>Cooling unit offers all the benefits of Blue e+ Technology</p>
Material	Sheet steel
Colour	RAL 7035
Supply includes	<p>Basic enclosure VX25, door, roof, rear panel, side panels, gland plates, mounting plate</p> <p>Lock: 3 mm double-bit</p> <p>Integral door-operated switch</p> <p>Integral Blue e+ cooling unit</p> <p>Electric condensate evaporator</p> <p>Pleated filter</p> <p>Condensate hose (3 m)</p>
Options	For remote monitoring and networking of cooling units and chillers in the Blue e+ generation, please use the IoT interface (Model No. 3124.300). Increase machine availability and process reliability with remote monitoring of device data, statuses and system messages.
Total cooling output to DIN EN 14511	<p>Cooling output L35 L35/50 Hz: 1.3 kW</p> <p>Cooling output L35 L35/60 Hz: 1.3 kW</p> <p>Cooling output L35 L50/50 Hz: 0.76 kW</p> <p>Cooling output L35 L50/60 Hz: 0.76 kW</p>
Rated operating voltage	<p>110 V - 240 V, 1~, 50 Hz/60 Hz</p> <p>380 V - 480 V, 3~, 50 Hz/60 Hz</p>

# Features

Note	Operation without a pleated filter is inadmissible By downloading the software, a contract is concluded between the contractual partner and Rittal for the free use of the software in accordance with these licence conditions.
Rated power input	0.75 kW
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.04 Refrigeration factor L35 L35 (EER) 60 Hz: 2.04
Seasonal energy efficiency ratio (SEER) 50/60 Hz	5.3
Design	Integrated
Dimensions	Width: 800 mm Height: 2,200 mm Depth: 600 mm
Protection category to IEC 60 529	External circuit IP 54 with pleated filter Internal circuit IP 54 with pleated filter
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 0.59 kg Global Warming Potential (GWP): 1,430 CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.85 t
Temperature control	e+ controller (factory setting +35 °C)
Operating temperature range	-20 °C...55 °C
Storage temperature range	-40 °C...70 °C
Operating temperature range of refrigerant circuit (active)	-20 °C...45 °C
Heat pipe operating temperature range	3 °C...60 °C
Setting range	20 °C...50 °C
Power consumption Pel	Power consumption L35 L35/50 Hz: 0.67 kW Power consumption L35 L35/60 Hz: 0.67 kW Power consumption L35 L50/50 Hz: 0.68 kW Power consumption L35 L50/60 Hz: 0.68 kW
Permissible operating pressure (p. max.)	24 bar

# Features

Packs of	1 pc(s).
Net weight	210.1
Gross weight	223
Customs tariff number	94032080
EAN	4028177927148
ETIM 9	EC000855
ETIM 8	EC000855
ECLASS 8.0	27180704

# Approvals

Certificates	EAC
Explanations	Declaration of conformity UK

# Tender text

3185.030

SK VX25 Blue e+ integration solution

The perfect symbiosis of the VX25 baying enclosure system and Blue e+ cooling unit, The cooling unit is easily pulled out forwards for maintenance purposes, No assembly work required – the cooling unit, door-operated switch and connection cabling are installed ready-to-connect, Cooling unit offers all the benefits of Blue e+ Technology

Total cooling output L35 L35 50/60 Hz: 1,3 / 1,3 kW

Total cooling output L35 L50 50/60 Hz: 0,76 / 0,76 kW

Power consumption L35 L35 50/60 Hz: 0,67 / 0,67 kW

Power consumption L35 L50 50/60 Hz: 0,61 / 0,61 kW

Rated operating voltage: 110-240 V, 1~, 50/60 Hz; 380-480 V, 3~, 50/60 Hz

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

Dimensions: [WxHxD]:

Enclosure: 800x2200x600 mm

Mounting plate: 699x1696 mm

Material: Sheet steel

Colour: RAL 7035

Refrigeration factor (EER) 50/60 Hz: 2,04

Refrigeration factor (SEER) 50/60 Hz: 5,3

Refrigeration / Quantity: R134a / 590 g

Operating temperature: -20 °C to 55 °C

Setting range: 20 °C to 50 °C

Storage temperature: -40 °C to 70 °C

Protection category IP to IEC 60 529: Internal circuit IP 54 with

pleated filter, External circuit IP 54 with pleated filter

Weight: 180 kg