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SK 3301.800

Roof-Mounted Cooling Units

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SK 3301.800 - Roof-Mounted Cooling Units for cooling IT equipment

Active cooling of free-standing enclosures for up to 3 kW heat dissipation. Setpoint-dependent control of the server intake air temperature.



Features

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|--------------------|--|
| Model No. | SK 3301.800 |
| Benefits | Even air distribution in front of the 482.6 mm (19") level |
| Applications | Cooling of IT equipment in IT enclosures sited as stand-alone units in secondary rooms |
| Function principle | <p>The device supports "front to back" air routing typical of IT applications, and regulates the server inlet temperature to the set value</p> <p>The hot waste air from the IT equipment is drawn into the device at the rear of the IT enclosure, cooled, and the cooled air blown back in front of the 482.6 mm (19") level</p> |
| Material | Carbon steel |
| Color | RAL 7035 |
| Supply includes | <p>Condenser with hydrophobic RiNano coating</p> <p>Integral electric condensate evaporation</p> <p>Wired ready for connection</p> <p>Drilling template</p> <p>Air Baffle Plate</p> <p>Assembly components</p> |

Features

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| Total cooling output to DIN EN 14511 | Total cooling output L35 L45: 3,200 W Total cooling output L35 L45: 10,919 BTU/h |
| Air throughput (unimpeded air flow) | External circuit: 2,000 m ³ /h Internal circuit: 1,450 m ³ /h External circuit: 1,177.2 cfm Internal circuit: 853.4 cfm |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.6 |
| Rated operating voltage | 230 V, 1~, 50 Hz |
| Rated current max. | At 50 Hz: 10.4 A |
| Type of connection (electrical) | Plug-in terminal strip |
| Dimensions | Width: 597 mm Height: 417 mm Depth: 895 mm Width: 23.5 " Height: 16.4 " Depth: 35.2 " |
| Start-up current (max.) | At 50 Hz: 36 A |
| Duty cycle | 100 % |
| Temperature control | Control of the server inlet temperature |
| Monitoring | Air intake temperature monitoring |
| Permissible operating pressure (p. max.) | 25 bar 362.6 PSI |
| Pre-fuse | Miniature circuit-breaker/fuse: 16 A |
| Setting range | 20 °C...25 °C 68 °F...77 °F |
| Protection category IP to EN 60 529 | External circuit IP 20 Internal circuit IP 20 |
| Refrigerant/cooling medium | Refrigerant: R134a Quantity: 1.2 kg Global Warming Potential (GWP): 1,430 Refrigerant: R134a Quantity: 2.6 lb. |

Features

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|-----------------------|---|
| Packaging unit | 1 pc(s). |
| Net weight | 89 kg |
| Gross weight | 98 kg |
| Customs tariff number | 84158200 |
| ETIM 9 | EC000855 |
| ETIM 8 | EC000855 |
| ECLASS 8.0 | 27180704 |
| Product description | SK Roof-mounted cooling unit, For cooling IT equipment, Control of the server air infeed temperature, WHD: 597x417x895 mm, 230 V, 1~, 50 Hz |

Approvals

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| Explanations | Declaration of conformity Declaration of conformity UK |
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