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SK 3313.610 Liquid Cooling Unit

State: 12/5/2025 (Source: [rittal.com/us-en](https://www.rittal.com/us-en))

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SK 3313.610 - Liquid Cooling Unit LCU CW

The LCU CW basically consists of an air/water heat exchanger, fans and the controller. It is used to dissipate heat from network/server enclosures and thus effectively cool the components installed in the enclosure.

Features

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| Model No. | SK 3313.610 |
| Version | Rack cooling CW |
| Benefits | Efficient cooling of network/server enclosures Space-saving due to installation in the enclosure Control of the server inlet temperature Energy efficient DC fans Optimum adaptability due to dynamic, continuous control of the cold water volume flow Fan modules can be replaced during operation |
| Function principle | The LCU CW is installed in the network/server enclosure next to the 19" plane. The heated air is drawn in at the rear third of the enclosure, cooled via the heat exchanger and blown out again at the front of the enclosure. |
| Material | Carbon steel, spray finished |
| Color | RAL 9005 |
| Supply includes | 1 Liquid Cooling Unit CW 1 support element for LCU CW 3 m fabric hose (for condensate discharge) 2 angle hose connector 90° 12 screw M5 x 12 self-tapping/NZ/TX30 1 female connector (7-pole) 1 set of assembly, installation and operating instructions |
| Options | Connection of a maximum of 16 CMC III sensors |

Features

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| Monitoring | Monitoring of all system-relevant parameters such as server air intake temperature, server waste air temperature, water inlet/return temperature, water flow, cooling output, fan speed, leakage. Direct connection of the unit via SNMP over Ethernet Integration into RiZone |
| Temperature control | Control of the server inlet temperature |
| Protection category IP to IEC 60529 | IP 20 |
| Duty cycle | 100 % |
| Refrigerant/cooling medium | Cooling medium: Water |
| Cooling medium note | Water quality according to unit specifications. |
| Suitable for | Enclosure type: VX IT 19" standard profile rails Width: ≥ 800 mm Height: ≥ 2,000 mm Depth: ≥ 1,000 mm Enclosure type: VX IT 19" standard profile rails Width: ≥ 31.5 " Height: ≥ 78.7 " Depth: ≥ 39.4 " |
| Dimensions | Width: 110 mm Height: 1,866.5 mm Depth: 756 mm Width: 4.33 " Height: 73.5 " Depth: 29.8 " |
| Rated operating voltage | 90 – 264 V, 1~, 50 Hz/60 Hz |
| Air throughput (unimpeded air flow) | 1,500 m³/h 882.9 cfm |
| Rated output | 0.5 kW |
| DC fan | Yes |
| Fans may be exchanged with the system operational | Yes |
| Water connections | G ¾" external thread |

Features

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| Permissible operating pressure (p. max.) | 1 MPa |
| Operating temperature range | 10 °C...50 °C 50 °F...122 °F |
| Operating temperature range of cooling medium | 10 °C...30 °C 50 °F...86 °F |
| Total cooling output | Useful cooling capacity L24 (server supply air temperature) W15: 7.9 kW Useful cooling capacity L24 (server supply air temperature) W18: 6.8 kW |
| Packaging unit | 1 pc(s). |
| Net weight | 92.5 |
| Gross weight | 102.5 |
| Customs tariff number | 84186900 |
| EAN | 4028177973251 |
| ETIM 9 | EC000855 |
| ETIM 8 | EC000855 |

Approvals

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|--------------|------------------------------|
| Approvals | IEC CB UL + C-UL (listed) |
| Certificates | EAC |
| Explanations | Declaration of conformity |