Rittal – The System.

Faster – better – everywhere.



SK 3343.200
Coolant Distribution Unit

State: 11/11/2026 (Source: www.rittal.com/in-en)

SK 3343.200 - Coolant Distribution Unit CDU In-Row

Liquid-to-liquid coolant distribution unit for cooling liquid-cooled high-performance servers. The CDU In-Row separates the building's water circuit from the refrigerant circuit of the IT equipment. This ensures that the requisite volumetric flow, pressure and quality of the cooling medium in the secondary circuit are maintained at all times.







Features

Model No.	SK 3343.200
Design	Suite cooling
Material	Sheet steel, spray-finished
Colour	RAL 9005
Supply includes	Ready-to-connect CDU In-Row unit Vent valves Leak sensor
Options	No. of pump units Redundant power supply Connection: Hard-wired, NEMA or CEE connector Filter size Insulated FWS pipework Emergency off switch
Total cooling output	1,000 kW at 4K ATD 1,500 kW at 6K ATD
Nominal flow rate, secondary circuit	1,500 l/min: at 2.0 bar (N+1) 1,875 l/min: at 1.8 bar (N)
Number of pumps and Type of pump	15 Variable Speed Drive (VSD) centrifugal pump

© Rittal 2026

Features

Rated operating voltage	200 - 277 V AC, 3~, 50/60 Hz 346 - 480 V AC, 50/60 Hz 240 - 380 V DC
Power consumption (approx.)	18 kW
Type of electrical connection	2 x NEMA L22-30P
Operating temperature range	5 °C...35 °C
Noise level	73.4 dB(A)
Dimensions	WxHxD: 600 mm x 2,300 mm x 1,400 mm
Operating weight	1,250 kg
Water connections	FWS: 4" sanitary flange with tri-clamp TCS: 4" sanitary flange with tri-clamp
Water supply	Facility Water System (FWS): Base or roof Technical Cooling System (TCS): Base or roof
Operating temperature range of cooling medium	FWS...10 °C...50 °C TCS...20 °C...55 °C
Cooling medium	FWS: Water TCS: Water + PG25
Permissible operating pressure (p. max.)	FWS: 10 bar TCS: 5 bar
Filter secondary circuit	25 µm,optional 50 µm
hot swap compatible	Pump unit Control Module Filter Sensors Motor of 2-way valve Filling pump Drain valve
Redundant cooling	Pump unit: N+1 Filter: 2N
Monitoring	Monitoring of all system-relevant parameters such as temperature, humidity, pressure, flow rate, filter, leaks, component status

Features

Protocols	Redfish Modbus/TCP HTTP, HTTPS, SSL, SSH, NTP, Telnet, TCP/IP v4, TCP/IP v6, DHCP, DNS, NTP, Syslog, SNMP v1, SNMP v2c, SNMP v3, OPC-UA, FTP/ SFTP, SMTP LDAP RCCMD
Leak monitoring	Yes
Packs of	1 pc(s).
CRA risk class	Default (Low Risk)
Customs tariff number	84733080
Product description	CDU In-Row, 1000 kW @ 4K ATD, 600x2300x1400 mm WHD

Approvals

Approvals	Cyber Security Certificate IEC CB UL + C-UL (listed)