

INDUSTRIAL COOLING PRODUCTS

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Fans & Filters

- IP 51-56
- NEMA 12-4X
- Hose proof hood option
- 20-820 m³/h
- Tool-free assembly
- Reversible / diagonal fan motor



Roof-Mounted Fans

- IP 55
- 500-1069 m³/h
- The same cut-out size for all models
- High energy efficiency



Thermoelectric Coolers

- Heat transfer by the peltier effect
- 100 W
- No moving parts
- Compact, lightweight, efficient
- Multiple mounting positions
- 24V DC or dual 100-240V option



Air To Air Heat Exchangers

- IP 54
- 17.5-90 W/K
- Roof and wall-mounted versions
- Intelligent comfort controller
- Energy efficient
- Maintenance free
- Optimal for extreme ambient conditions



Blue e Roof-Mounted Cooling Units

- IP 54
- 0.55-3.8 kW
- Intelligent comfort controller
- Nano coating technology
- Integrated condensate evaporator
- Ducting capability



Blue e Wall-Mounted Cooling Units

- IP 54
- 0.55-3.95 kW
- Intelligent comfort controller
- Nano coating technology
- Integrated condensate evaporator
- Multiple mounting positions

Rittal – The System.

Faster – better – everywhere.

- Enclosures
- Power Distribution
- Climate Control
- IT Infrastructure
- Software & Services

Rittal – The System.

Faster – better – everywhere.

Climate Control Quick Reference



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Blue e+ Wall-Mounted Cooling Units

- IP 55
- 1.6-5.8 kW
- Energy efficient
- Touch screen controller
- Nano coating technology
- Multiple mounting positions



Wall-Mounted Stainless Steel Cooling Units

- NEMA 4X protection category
- Stainless steel
- 0.55-2.55 kW
- Intelligent comfort controller
- Nano coating technology
- Integrated condensate evaporator
- Suitable for outdoor use



Air To Water Heat Exchangers

- IP 55
- 0.3-7 kW
- Roof and wall-mounted versions
- Intelligent comfort controller
- Energy efficient
- Maintenance free
- Optimal for extreme ambient conditions



HD Air To Water Heat Exchangers

- IP 56/59
- NEMA 4X protection category
- 0.6-1.2 kW
- Easy to clean, hygienic design
- Intelligent comfort controller
- Energy efficient
- Maintenance free
- Optimal for food and consumables industry applications



Liquid Cooling Packages

- IP 55
- 9.5 kW
- Heat exchanger in TS8 baying system
- Air outlet from one side only or both sides
- Optimal for extreme ambient conditions



Chillers

- Energy efficient
- 1-40 kW
- Intelligent comfort controller
- Nano coating technology
- Ideal for machine and enclosure cooling
- Multiple voltages



Remtron IT Cooling Products

IT COOLING PRODUCTS

LCU DX

- 3 and 6.5 kW
- Single and redundant version
- Energy efficient
- EC fan technology
- Inverter output-regulated compressor
- Suitable for TS IT racks and micro data centres



LCP Rack DX

- 12 kW
- EC modulated fan technology
- Integral condensate and leak management
- One or two racks cooling option
- Sophisticated controller including online connection
- Simple representation of redundancies



LCP Rack CW

- 10-55 kW
- EC modulated fan technology
- Integral condensate and leak management
- One or Two racks cooling option
- Sophisticated controller including online connection
- Simple representation of redundancies



Chillers for IT Cooling

- IP 55
- 15-481 kW
- Redundant speed-controlled pumps
- Controller with networking capability with the SNMP protocol
- Optional free cooling
- Optional pump and tank

Roof-Mounted Cooling Units

- IP 54
- 3 kW
- 230V, 1 ~
- Intelligent comfort controller
- Nano-coated condenser
- Integral electric condensate evaporation
- Air baffle plate included



LCP Inline DX

- 12 kW
- EC modulated fan technology
- Integral condensate and leak management
- Cooling of several racks
- Sophisticated controller including online connection
- Simple representation of redundancies



LCP Inline CW

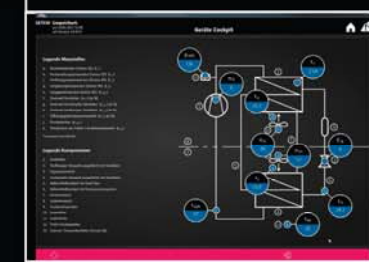
- 10-55 kW
- EC modulated fan technology
- Integral condensate and leak management
- Cooling of several racks
- Sophisticated controller including online connection
- Set-forward and flush variants

SOFTWARE & INTERFACE



Therm Software

- Enclosure heat load calculation
- Enclosure climate control configuration
- Chiller configuration
- IT cooling configuration



RiDiag Software

- Operation and monitoring
- Analysis, parametrisation and diagnosis
- For TopTherm and Blue e+ cooling units and chillers
- 2 years historical data



IoT Interface

- Incorporation of Blue e+ cooling units into the IoT platform
- Transmission of equipment data to the cloud
- Status monitoring and maintenance information
- Visualising equipment status

QUICK REFERENCES

Fan & Filters	Unimpeded Air Flow m³/h									
	20	55	105	180	230	550	700	900	1100	
Wall-Mounted Fans	■	■	■	■	■	■	■			
Wall-Mounted EMC Fans	■	■	■	■	■	■	■			
Wall-Mounted EC Fans		■	■	■	■	■	■			
Roof-Mounted Fans						■		■	■	

Heaters	Thermal Output W											
	10	20	30	50	75	100	150	250	350	400	700	800
Without Fan	■	■	■	■	■	■	■					
With Fan								■	■	■	■	■

LCP	Cooling Capacity kW							
	10	12	20	30	35	40	55	
LCP Rack Industry	■							
LCP DX		■	■	■	■	■		
LCP CW	■	■	■	■	■	■	■	■

Cooling Units	Cooling Capacity kW										
	0.1	0.3	0.5	0.8	1.1	1.6	2	2.6	3	4	6
Thermoelectric	■										
TopTherm Wall-Mounted		■									
Blue e Wall-Mounted			■	■	■	■	■	■		■	
Blue e Wall-Mounted, Slimline						■	■	■			
Blue e+ Wall-Mounted						■	■	■		■	■
Blue e NEMA 4X				■	■	■	■	■			
Blue e Roof-Mounted				■	■	■	■	■	■	■	

Chillers	Cooling Capacity kW																													
	1	1.5	3	4.5	6	8	12	16	20	25	32	36	40	48	67	77	88	99	117	124	155	172	196	235	261	291	362	387	430	481
Industrial TopTherm	■	■	■	■	■	■	■	■	■	■	■		■																	
Blue e+			■	■	■																									
IT Chillers								■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	

SERVICE



To support your business Rittal delivers comprehensive service support throughout the world for our range of cooling products.

- Service centres across ANZ
- Qualified technicians
- 24 hour availability
- Service and efficiency checks
- Service contracts
- Repairs and maintenance
- Extended warranty