



Rittal – Cool Efficiency



Accepting responsibility –
Shaping the future

Energy consumption down, operating ratio up



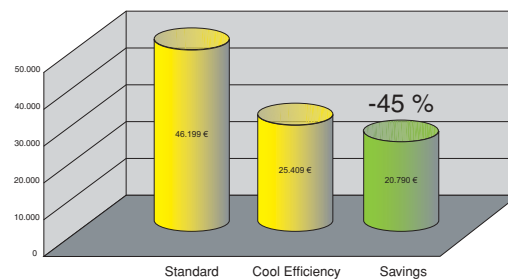
Super-efficient, eco-friendly, cost-cutting – that's energy efficiency from Rittal. The efficient use of available resources is one of the main aims when developing new cooling systems, particularly in view of the escalating global climate and environmental problems, coupled with ever-rising energy prices. Saving energy, cutting climate control costs, cooling energy-efficiently and protecting the environment – Cool Efficiency, the energy-saving cooling units from Rittal, already boast all these achievements.

Cool Efficiency cooling units from Rittal are up to 45 % more economical than conventional cooling units of the same cooling output. At an assumed number of 200 cooling units, this translates into savings of 20,794 euros and 36 t CO₂.

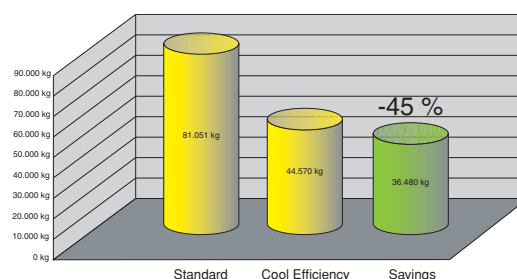
Operating at full load	70 %
Operating at partial load	30 %
Operating time per day	16 hours
Operating time per annum	240 days
Electricity price per kWh	0.11 € ¹⁾
Number of units	200

¹⁾ Source: VEA, VDEW, as per 1/2007

Energy cost savings per annum



CO₂ savings per annum



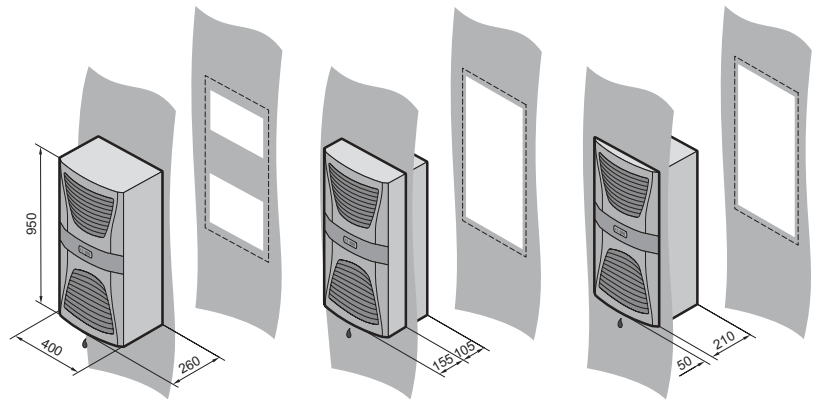
These CO₂ savings are equivalent to planting 935 trees, or put another way, the emissions produced from driving 202,670 km.

Ave. CO₂ emission per kWh in Germany 0.57.
Ave. figure for Germany¹⁾

¹⁾ Source: Energy mix in Germany

Wall-mounted cooling units

Cool Efficiency, useful cooling output 1000 W



Supply includes:

Nano-coated condenser and integral condensate evaporation. Fully wired ready for connection, including drilling template and assembly parts.



Model No. SK with Basic controller, RAL 7035	3304.700	
Model No. SK with Comfort controller, RAL 7035	3304.800	
Rated operating voltage V, Hz	230, 1~, 50	
Dimensions mm	W 400 H 950 D 260	
Useful cooling output \dot{Q}_K to DIN 3168	L 35 L 35	1000 W

Rated current max.		3.0 A
Start-up current		12.0 A
Pre-fuse T		10.0 A
Power consumption P_{el} to DIN 3168	L 35 L 35 L 35 L 45	520 W 580 W
Refrigeration factor $\epsilon = \dot{Q}_K/P_{el}$	L 35 L 35	1.9
Refrigerant		R134a, 325 g
Permissible operating pressure p. max.		20 bar
Temperature and setting range		+20°C to +45°C
Protection category to EN 60 529	External circuit Internal circuit	IP 34 IP 54
Duty cycle		100 %
Type of connection		Plug-in terminal strip
Weight		40 kg
Air throughput of fans	External circuit Internal circuit	600 m ³ /h 450 m ³ /h
Temperature control		Basic or Comfort controller (factory setting +35°C)

Accessories	Packs of		Cat 32, page
Filter mats	3	3286.400	723
Metal filters	1	3286.410	724
Door-operated switch	1	4127.000	1030
SK bus system for Comfort controller	1	3124.100	717
RiDiag II including cables for Comfort controller	1	3159.100	1154
Interface card for Comfort controller	1	3124.200	716
Condensate hose	1	3301.612	720

Delivery times on request.

Special voltages and other output categories available on request. Technical modifications reserved.

All in all – solutions from Rittal

Rittal has one of the largest ranges of enclosures available for immediate delivery. However, Rittal also supplies integrated solutions – up to Level 4. This comprises mechanical installation, power supply, electronic components, climate control and central monitoring. For all of your requirements. Fully assembled and functional.

Wherever in the world you develop and implement solutions for yourself and your customers, we are close at hand. The global alliance between production, distribution and service guarantees closeness to the customer. Worldwide!



Queries and information

We will be happy to send you further information or advise you in person.

Please send me the following brochure(s):

- Catalogue 32
- Innovations 2008
- System climate control

From:

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Rittal GmbH & Co. KG · Postfach 1662 · D-35726 Herborn
Telephone: +49(0)2772 505-0 · Telefax: +49(0)2772 505-2319 · eMail: info@rittal.de · www.rittal.com



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