

Cool Efficiency

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.

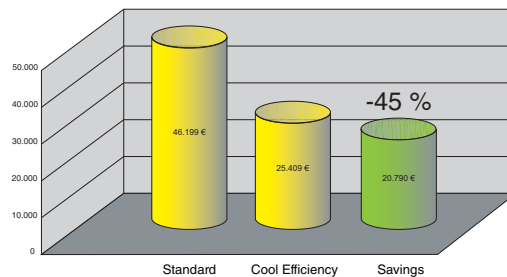
Cool Efficiency

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.

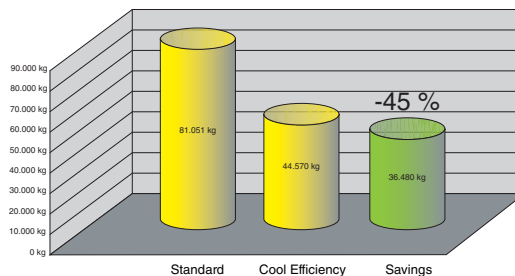
Operating at full load	70%
Operating at partial load	30%
Operating time per day	16 hours
Operating time per annum	240 days
Electricity price per kWh	0.11 € ¹⁾
Number of units	200

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