



Date of issue: August 8, 2016

## **NEW: Rittal Roof-Mounted Fans**

The new range of roof-mounted fans which deliver superior efficiency, flexibility, protection and ease of use have just been launched by Rittal.

The new range is designed to reduce the costs associated with operation, installation and maintenance while better protecting the installed equipment that they are required to cool.

Running costs are reduced as radial fans, together with optimised air routing, serve to maximise the installed air throughput and minimise energy consumption. The fan performs effectively against pressure in a housing that has been developed to reduce resistance to air flow to a minimum.

Despite an air path with low resistance, the fans can protect the components inside the panel to an ingress protection (IP) category of IP 55.

The entire range, which includes a passive vent and models that provide uninstalled air throughputs of 500 m<sup>3</sup>/h, 800 m<sup>3</sup>/h and 1,000 m<sup>3</sup>/h, utilises a single housing and hence a single cut-out, offering the flexibility to fit any unit to a single roof panel. What's more, the fans with the largest air throughput incorporate electronically commutated (EC) motors to further improve efficiency.

Mounting and filter replacement is quick and easy, thanks to a number of key innovations. These include a clamping mechanism that allows the fans to be fitted from either inside or outside the enclosure; quarter-turn fixings that permit access to the filters; and a plug terminal electrical connection. Collectively these design features help keep installation and maintenance costs to a minimum.

Further information at [www.rittal.co.uk](http://www.rittal.co.uk) and [www.friedhelm-loh-group.com](http://www.friedhelm-loh-group.com) or on twitter @rittal\_ltd.

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**Press Information:**

Richard Andrews,  
Marketing Services Manager,  
Email: [information@rittal.co.uk](mailto:information@rittal.co.uk)

**Image**

Picture shows: Rittal Roof-Mounted Fans

**Notes**

Rittal, headquartered in Herborn, Hessen, Germany, is a leading global provider of solutions for industrial enclosures, power distribution, climate control and IT infrastructure, as well as software and services. Systems made by Rittal are deployed across a variety of industrial and IT applications, including vertical sectors such as the transport industry, power generation, mechanical and plant engineering, IT and telecommunications. Rittal is active worldwide with 10,000 employees and 58 subsidiaries.

Its broad product range includes infrastructure solutions for modular and energy-efficient data centres with innovative concepts for the security of physical data and systems. Leading software providers Eplan and Cideon complement the value chain, providing interdisciplinary engineering solutions, while Rittal Automation Systems offers automation systems for switchgear construction.

Founded in Herborn in 1961 and still run by its owner, Rittal is the largest company in the Friedhelm Loh Group. The Friedhelm Loh Group operates worldwide with 18 production sites and 78 international subsidiaries. The entire group employs more than 11,500 people and generated revenues of around €2.2 billion in 2014. For the seventh time in succession, the family business has won the accolade "Top German Employer" in 2015. Further information can be found at [www.rittal.com](http://www.rittal.com) and [www.friedhelm-loh-group.com](http://www.friedhelm-loh-group.com).