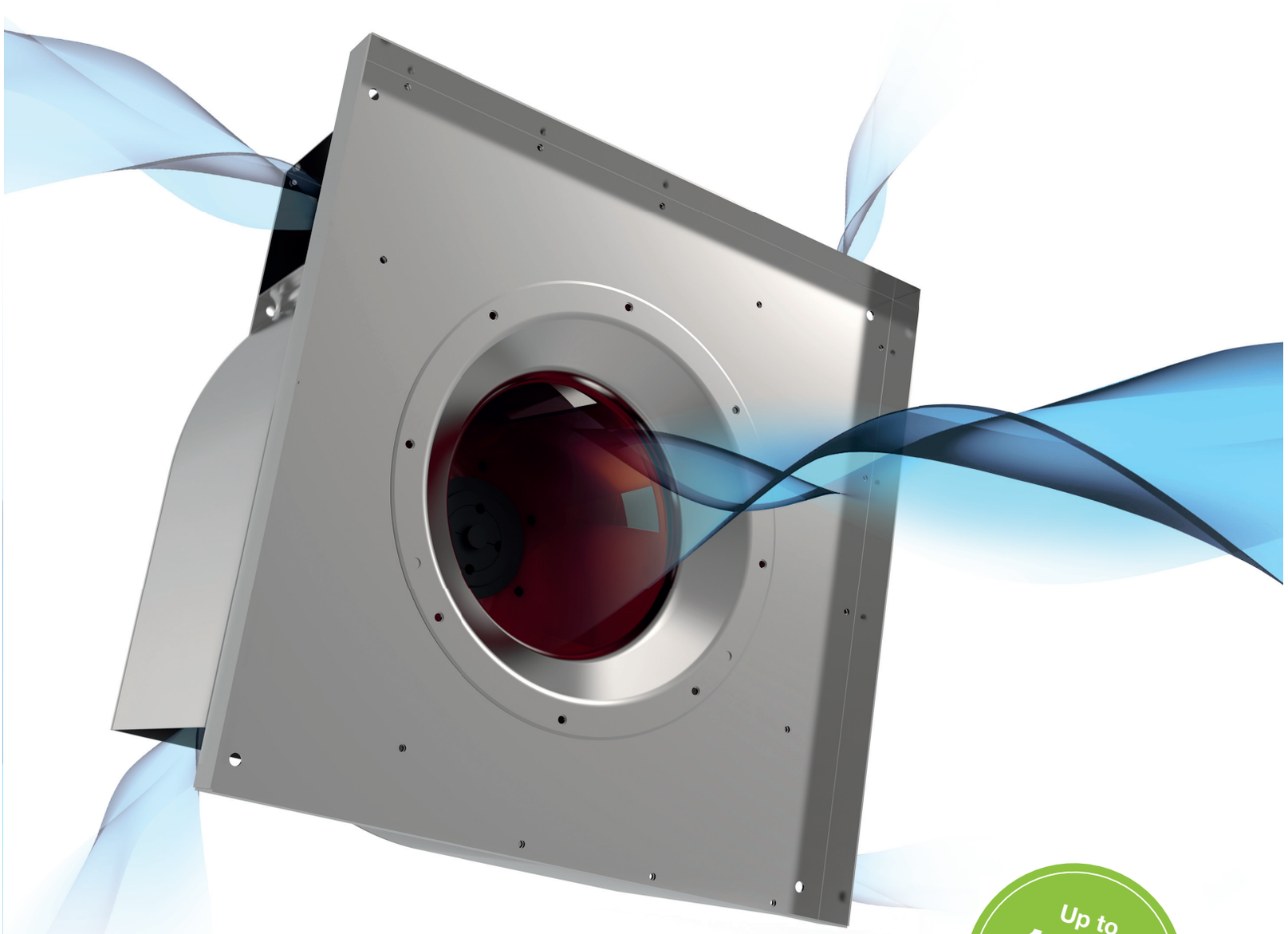
Every revolution needs a pioneer.

The RQM MultiEvo.

Unrivalled efficiency •

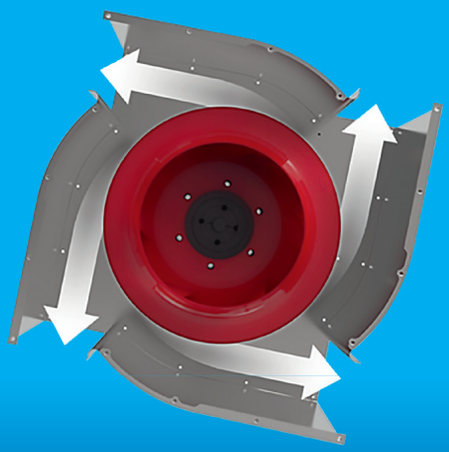
Compact design •

Ultra quiet •



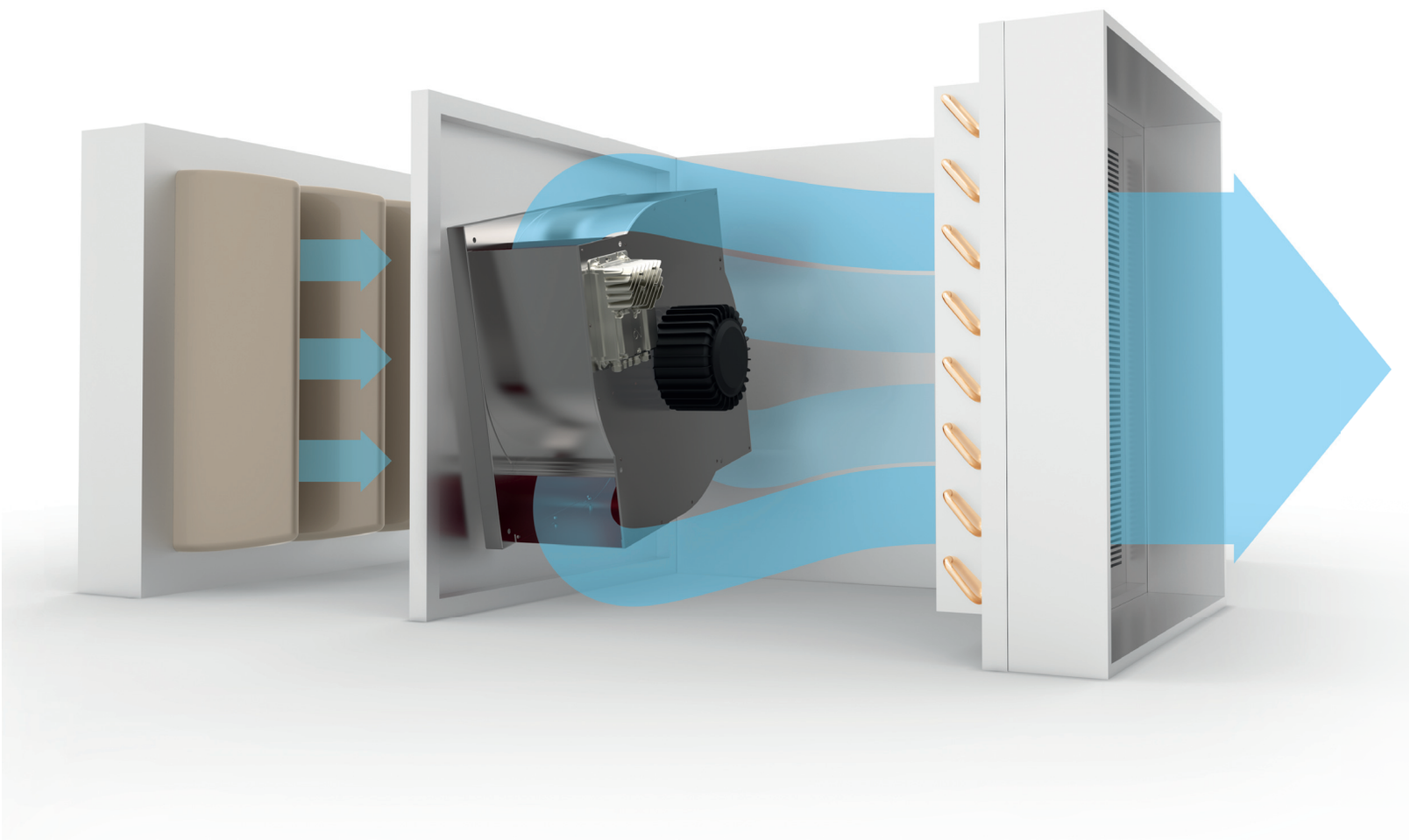
Up to 15% more efficient

NICOTRA Gebhardt



What is MultiEvo?

The MultiEvo technology is a multiple discharge integrated scroll providing the highest achievable system efficiency. The combination of impeller, motor and multiple scroll delivers unparalleled energy efficiency. A hybrid revolution.



Hybrid is the future.

The new RQM MultiEvo combines the compact design of plug fans with the benefits of traditional cased fans. In principle, it is a directly driven centrifugal fan with spiral shaped guide vanes. The unique design of the multiple discharge scroll far exceeds the efficiency levels of conventional EC plug fans.

For climate control and ventilation

The RQM MultiEvo is ideally suited for both new equipment and retrofit and delivers lowest possible lifetime costs.

- Plug and play installation
- Retrofit: Modernise and save

For cooling

Applications
- Air Handling Units
- Data centres
- Clean Rooms
- Commercial buildings
- Refurbishment

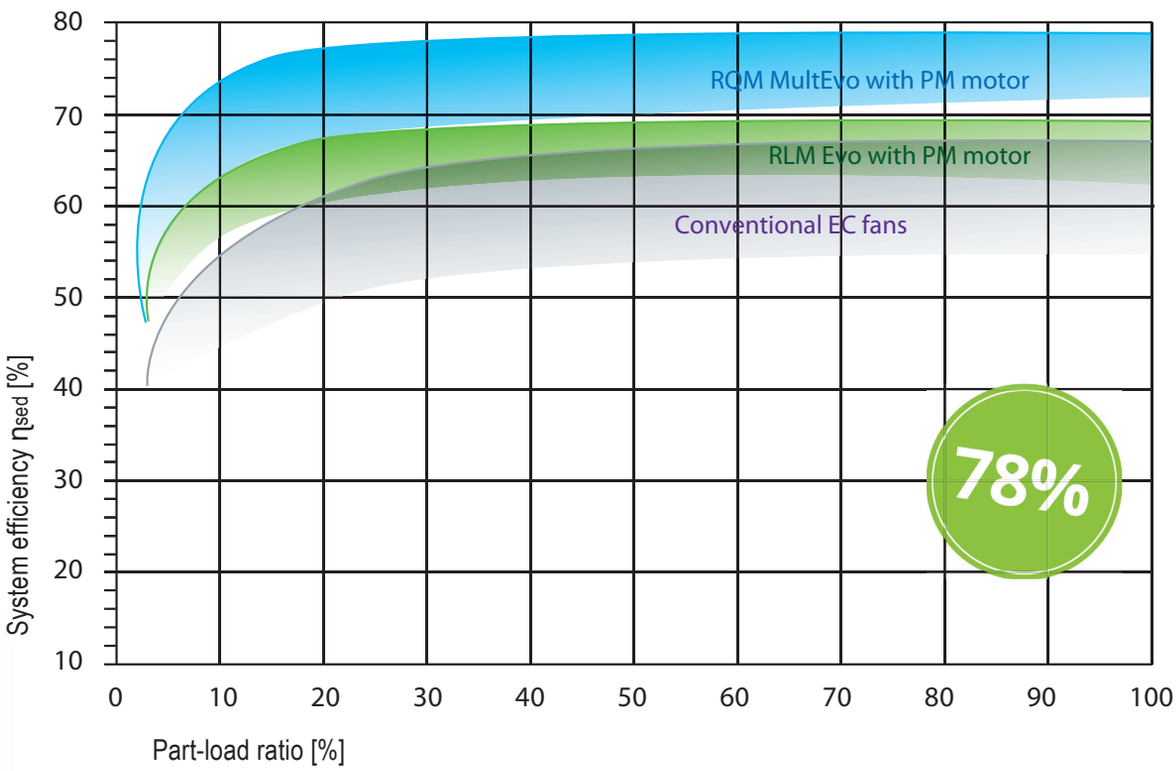
The RQM MultiEvo is also particularly well suited for creating multiple fan configurations within a common plenum

Benchmark – up to 78 % system efficiency

The RQM MultiEvo achieves up to 15% higher efficiency than the market leading EC plug fan (RLM-Evo). The measured system efficiency levels reach values of up to 78% (system = fan, motor and drive).

Depending upon the duty point, the noise levels of the RQM MultiEvo are up to 4dB lower than conventional EC plug fans.

Here is the proof – go to ILK Dresden‘s independent test report. www.rqm-multievo.com

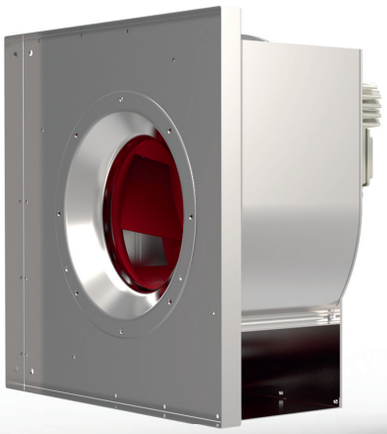


Advantages of the RQM MultiEvo

Efficient
The outstanding efficiency levels makes it possible to reach the optimal duty point of a system with a lower motor power rating or even a smaller fan. Reduces capital and lifetime cost.

Compact
Suitable for horizontal or vertical mounting and available with or without integrated controls. The plug and play design keeps installation costs to a minimum, enabling easy maintenance and servicing.

Quiet
The innovative housing design significantly reduces the noise levels by up to 4dB when compared to conventional EC plug fans so reducing additional cost of attenuation.

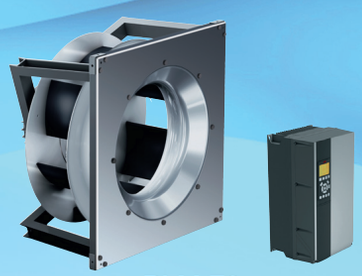


Product range

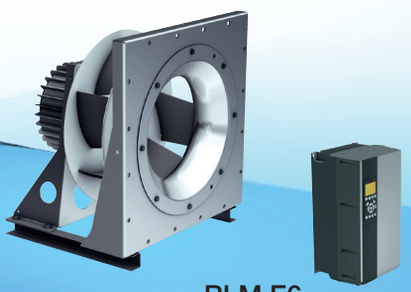
- Permanent Magnet motor to IE5 (1.4kW to 22.0kW)
- Impeller sizes from 315mm to 900mm
- Air volumes up to 6.2m3/s
- Maximum pressure up to 2000Pa
- Flexible control and drive options

Up to 78% efficiency

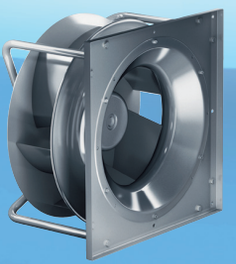
Other fans for climate control and ventilation technology



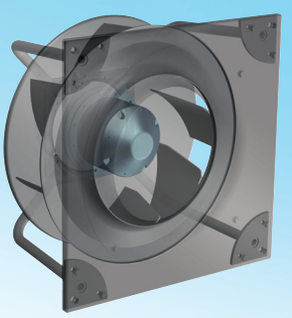
RLM E3
Controlled with frequency inverter or fitted electronics



RLM E6
Controlled with frequency inverter or fitted electronics



RLE E3/E6
Controlled with integrated electronics



PFP
Controlled with integrated electronics

Configure your solution now:
www.nicotra-gebhardt.com

LAJAC

LAJAC OY, PL 58, 01601 Vantaa Finland, Tel. +358-400-424696, E-mail: info@lajac.fi