

distributor fanmail

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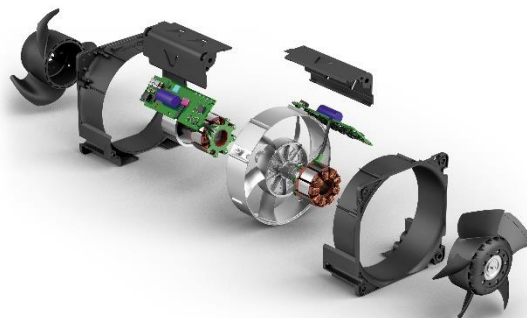
AxiTwin100 – Counter-rotating fans in one compact fan *High flow rate with minimum installation space*



Introducing AxiTwin100 by ebm-papst!

Particularly in IT, telecommunications, network technology, and industrial applications, highly integrated electronics require cooling that safely reaches all of the components. In some cases, conventional single-stage fans are too weak, but the installation space doesn't allow for multiple fans.

With AxiTwin 100, two individual fans connected with an innovative flange work together by rotating in opposite/counter-rotating directions. This enables the downstream fan to convert residual swirl from the upstream fan into airflow which increases efficiency compared to individual fan solutions. As a result, AxiTwin delivers maximum performance with minimum space requirements.



AxiTwin100 at a glance:

- Performance
 - Noise and efficiency optimized
 - 319 CFM maximum airflow
 - 6.0 inches of H2O shutoff pressure
 - Benchmark in air performance and noise
 - Long service life
- Technology
 - Completely new design
 - Counter-rotating impellers
 - 2 independent drives (redundancy)
 - Compact aluminum flange creates less swirl, higher stiffness, and optimized heat dissipation
 - One power electronics for each fan stage
 - Suitable and efficient - 100mm frame size allows for optimal use in a 19-inch rack
- Options
 - PWM speed control
 - Analog speed control
 - Speed signal
 - Alarm signal
 - Humidity protection
 - 48 Volt DC
 - VDE UL/CSA, CE, and CCC approved

Primary target markets / applications

- Medical
- Industrial
- Renewable energy
- Server cooling
- Mass storage cooling
- Cabinet cooling
- Radio Base Station cooling
- 5G/IoT