

Centriflow^{Plus}

***The missing piece
that started a revolution***



+10%
increase in efficiency

A piece of history

FläktWoods

The most efficient plug fan in the world.

+10%

A 10 % improvement in efficiency means impressive energy savings over the total life cycle of the fan. In its turn, this will provide an unbeatable sales argument for the air handling unit manufacturer, as opposed to regular units with normal efficiency values.



New world record

Fläkt Woods is well-known for high quality and excellent fan performance. The predecessor of CENTRIFLOW Plus plug fan already shared first place as the world's most efficient plug fan.

The new CENTRIFLOW Plus is a huge breakthrough. Its outstanding performance in efficiency has been improved by up to 10% from traditional plug fans. CENTRIFLOW Plus's 77 % world record-breaking efficiency brings it close to the efficiency level of double inlet backward curved fans. This record-breaking efficien-

cy means an extremely economical electrical consumption and ultra low life cycle costs.

Reliable performance data

The performance of every size of CENTRIFLOW Plus fans has been measured. Our performance data is accurate and reliable making Fläkt Woods confident enough to challenge any other plug fan to a neutral comparison test. Our optimised airflow has also provided lower noise levels across the fan range.

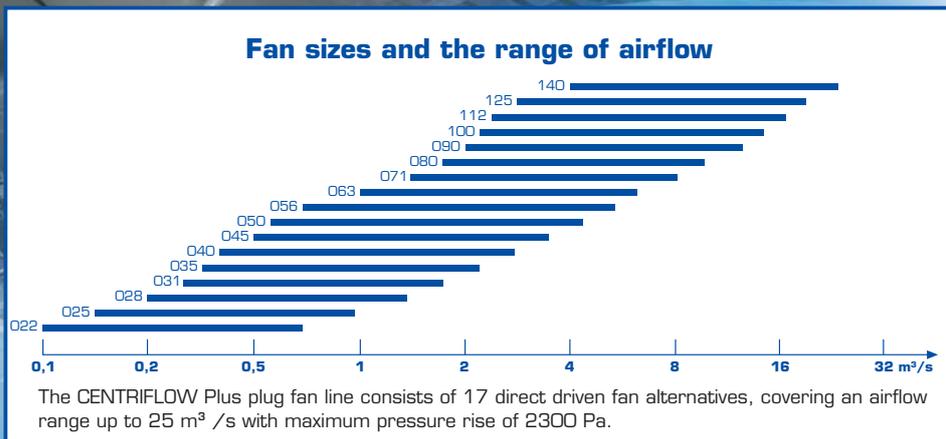
Use the best components in your air handling unit!

An air handling unit works as a whole, and its performance is compared against its competitors by highlighting certain properties. Efficiency, energy economy and noise levels are at the top of most buyers' checklists. When fitting your air handling unit with a CENTRIFLOW Plus fan, you can be sure that your unit will reach the top levels in all of these important performance aspects.

Fläkt Woods has many years of experience regarding the perfor-



The high efficiency of CENTRIFLOW Plus can be further improved by using Eff1 class motors.



Our range also includes an ATEX-100 approved spark-proof model for Group II, Category 3G, suitable for frequency converter operation.

mance of our fans in real-life working conditions. We want you to benefit from this information with us, so that the incomparable efficiency levels of our plug fan can become a part of your air handling unit as well.

New line, wide range

The CENTRIFLOW Plus is the result of an innovative and continued product development. Record-breaking performance results have been reached through a whole new thinking of aero-

dynamics. Our new plug fan's superiority is now clear to see, even to the naked eye. A piece of the fan impeller blade has been moved into history. This is such a significant innovation that it is immediately being incorporated into our entire plug fan product line.

Besides traditional and Eff1 class motors, our range also includes integral motors. We can supply also frequency converters which are naturally preprogrammed for a given plug fan and motor. Our new airflow measurement device includes the values of all our fans and therefore is simple to install and set up.



We listen to our customers and deliver customer-specific solutions when needed, in order to fully meet the customer needs. In doing so, we ensure that the fan will function in the desired way as an integral part of the air handling unit.



The selection programme is part of the product

The selection programme is available as a Stand-alone version, or as a dll-version that the customer can integrate into his own selection programme. The product is of course accompanied by comprehensive technical documentation.

In addition to CENTRIFLOW Plus our fan line includes CENTRIMASTER

centrifugal fans. All our fan types share exceptional energy efficiency, minimal noise emission levels, state-of-the-art dimensioning tools and reliable measuring values.

Our manufacturing process is certified in accordance with ISO 9001 and ISO 14001 system standards.