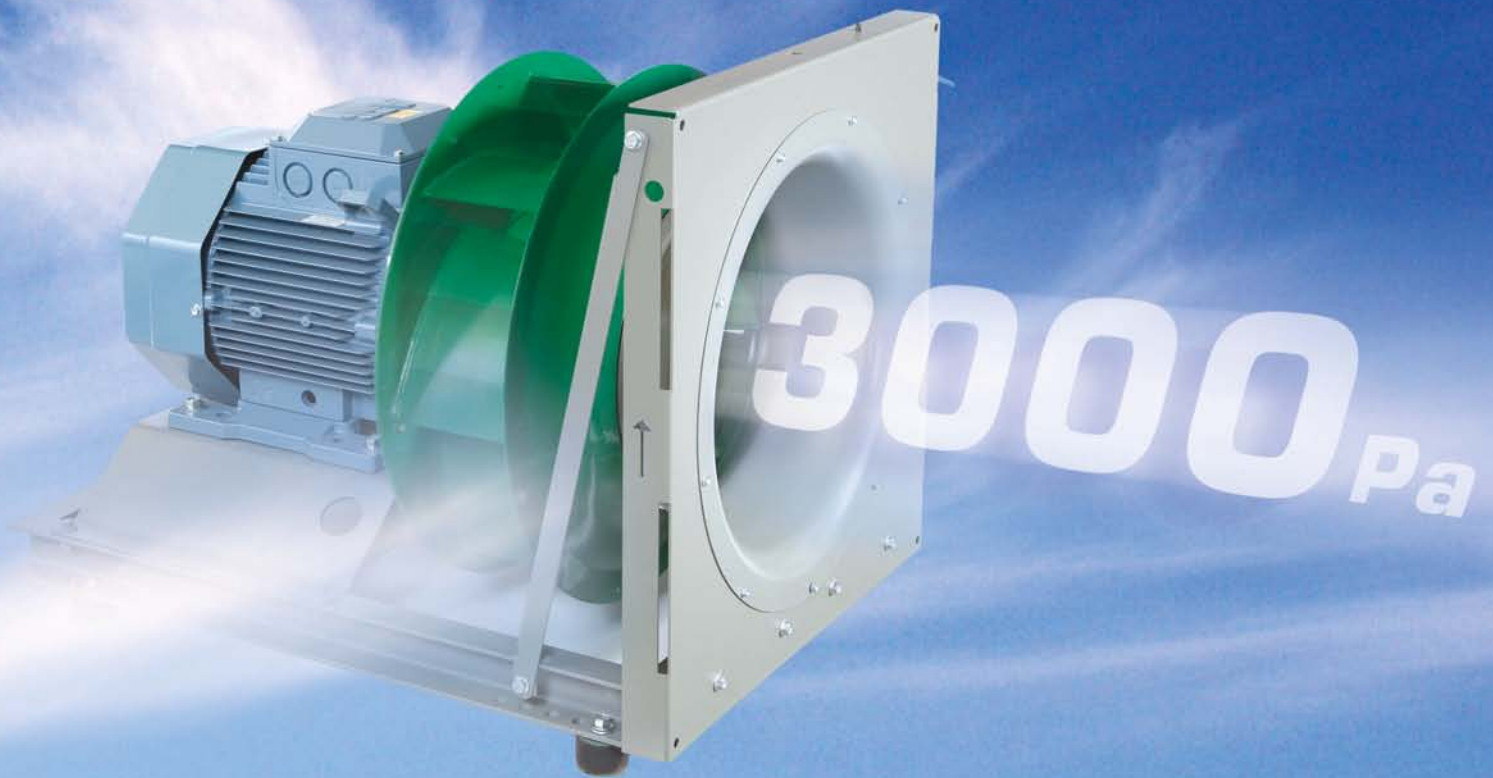


**Centriflow** <sup>Plus 3000</sup>

*A plug fan that sets a new level  
for maximum pressure*



**FläktWoods**

# An advanced direct-driven plug fan with maximum pressure of 3000 Pa

Fläkt Woods expands its famous plug fan range with a high-pressure version, Centriflow Plus 3000. Thanks to our new impeller direct-driven plug fans can be used in marine, hygiene and electronics applications where higher pressures are typically required.

Until now belt-driven fans were in practice the only solution when higher pressures were required. A good example is Marine applications where the space is always limited and relatively small ducts must be used, so the pressure losses are high.

With the new Centriflow Plus 3000 the advantages of direct drive are now available also on high seas.

## **No belts, so no belt dust and a reduced need for maintenance, but in a compact package**

The disadvantages of belt drive must have been accepted in high-pressure applications so far: wear of the belts and belt dust. Belt-driven fans are also more service-intensive and fan bearings constitute an additional object of maintenance. A belt-driven fan needs also more space.

A direct-driven fan gives you a possibility to avoid old servicing issues.

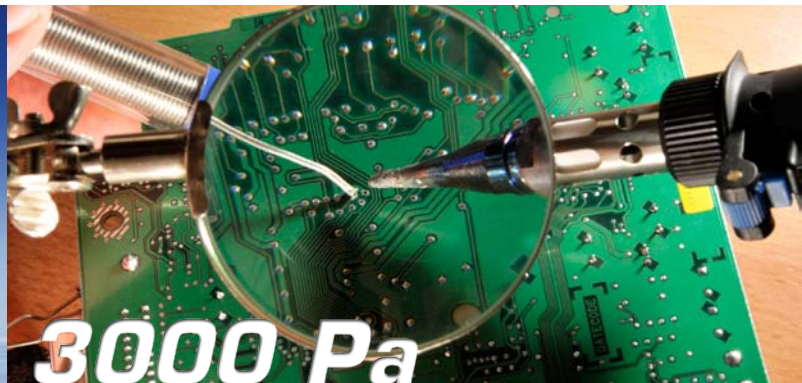
With Centriflow Plus 3000 you have a solution for marine applications, pharmaceutical, electronics or other industries where high pressure and clean air are required. Direct drive means easier service, cleaner air and less components.

## **Reinforced construction withstands the demanding circumstances**

The materials, construction and balancing of the impellers are designed and tested to meet the requirements of heavy-duty operation. Both the impeller, fan base frame and motor brackets are of a fully welded construction.

## **High-efficiency IE2 -motors**

Centriflow Plus 3000 series is equipped with IE2 motors as standard. In Marine applications we supply motors with a Classification Society approval according to each customer's specification.



## **Functional and tested entity ready to be used**

The Centriflow Plus products by Fläkt Woods are known for their reliable technical values measured specifically for each machine size. The same principle facilitating the customer's design work continues with the Centriflow Plus 3000 -series. All technical data is based on individual measurements of every fan size.

## **Versatile selection programmes**

The only way for optimal and economic efficiency is through a correctly selected fan. Fläkt Woods has several selection programmes for designers which help you find the right fan characteristics.



Reinforced impeller is designed for heavy-duty operation.

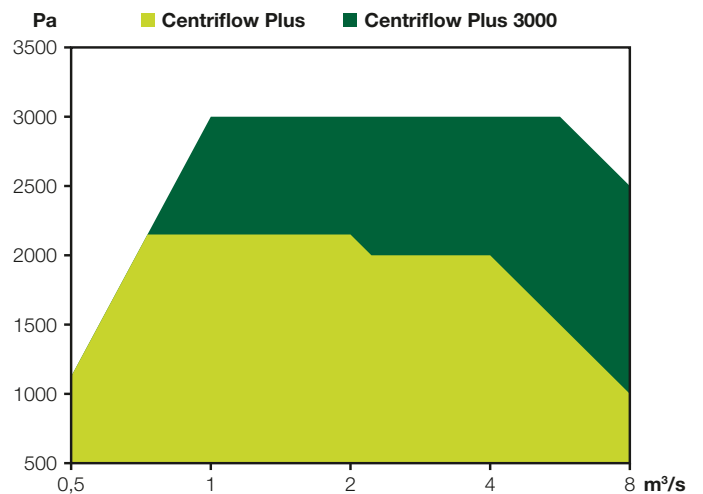
Direct-driven fan is an efficient solution.



**Excellent efficiency**  
**No belts**  
**No belt dust**  
**Easy maintenance**



Flakt Woods has selection programmes for various customer needs which help you find the right fan characteristics.



General Survey Chart

# *We Bring Air to Life*

Fläkt Woods is a global leader in air management. We specialise in the design and manufacture of a wide range of air climate and air movement solutions. And our collective experience is unrivalled.

Our aim is to constantly provide systems and solutions that precisely deliver the required function and performance, as well as maximise energy efficiency.

## **Solutions for all your air climate and air movement needs**

Fläkt Woods Components supplies centrifugal fans and rotary heat exchangers to OEM manufacturers.

- Centriflow Plus plug fans with record-breaking efficiency level. Available with wide motor range including integral inverter motor
- Centrimaster bare shaft centrifugal fans for belt drive. Centrimaster fans with backward curved impellers are characterised by high efficiency and low sound level.
- Centrimaster is also available as complete fan set with base frame, belt-drive and motor
- Econovent rotary heat exchanger for high efficiency heat recovery. Product range includes non hygroscopic, hygroscopic and sorption type rotors.