



Extra Performance!



Half the Noise!



Maximized Efficiency!



## ZEROTIP® CLEARANCE TECHNOLOGY

# BLEX®

The **BL**ade **EX**tensions at the tip of the blades are made of flexible high-tech fabric designed to adapt the fan diameter to the contour of the shroud thereby reducing the clearance close to ZeroTip®.



regular axial fans



1.5 % Mobile engine cooling  
1.0 % HVAC / Refrigeration

axial fans with BLEX®



0.5 %  
0.2 %

## ZeroTip® clearance explained

Recommended tip clearances can be as high as **1.5 %** of the fan diameter. With BLEX® technology tip clearance can be reduced to **0.2 %** depending on the application.

### Legal doping for your application

Get the advantage over your competition with BLEX® - our smart blade extension technology! The static pressure is dramatically improved and noise may be reduced by 2 to 6 dB(A).

### "Can I save fuel and power?"

The same air flow can be achieved with reduced pitch angle and fan speed, thus lowering power consumption. The overall system efficiency is increased by up to 20% resulting in significant fuel/energy savings

### "Really? 3 dB(A) noise reduction!?"

Minimized tip clearances can dramatically reduce noise at the fan blade tips caused by air slippage and turbulence.

