

**Rosenberg Axial
And Backward Curved
OEM Fans**



rosenberg
THE AIR MOVEMENT GROUP

® **ECOFIT**

ETRI



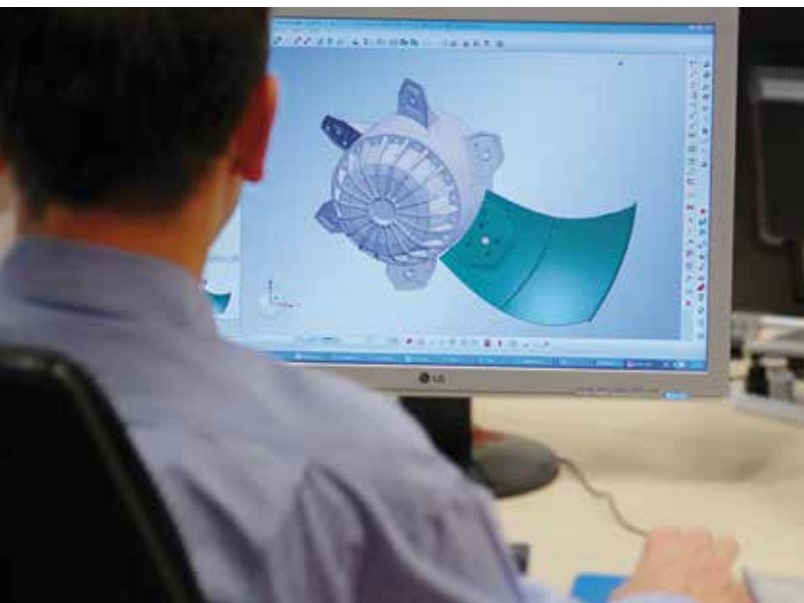
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Uncompromising quality in air movement



At Rosenberg, we never compromise on the quality and reliability of our products, and we never stop listening to our customers. We continuously optimize our products and processes to meet our customers' needs.

Rosenberg fans offer you decisive advantages compared to conventional fans:



Advantages for OEMs

- compact design
- motor and impeller in one unit
- low start-up current
- asynchronous external rotor motor
- EC motors available
- thermal contacts for motor protection
- fast, easy installation
- lowest vibration levels
- lowest noise levels
- impellers balanced to DIN ISO 1940
- UV stable
- ErP 2015 compliance

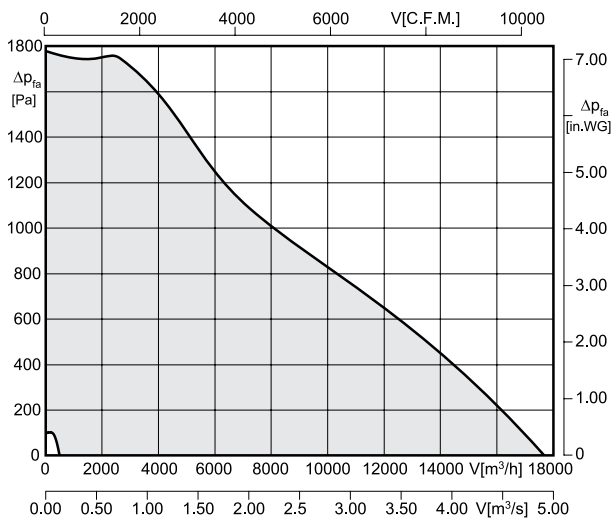
Advantages for End Users

- extremely long service life
- 100% speed controllable
- fast start-up
- low maintenance
- added energy savings with EC motors
- lowest vibration levels
- lowest noise levels
- lowest operating cost
- corrosion free
- 100% recyclable
- ErP 2015 compliance

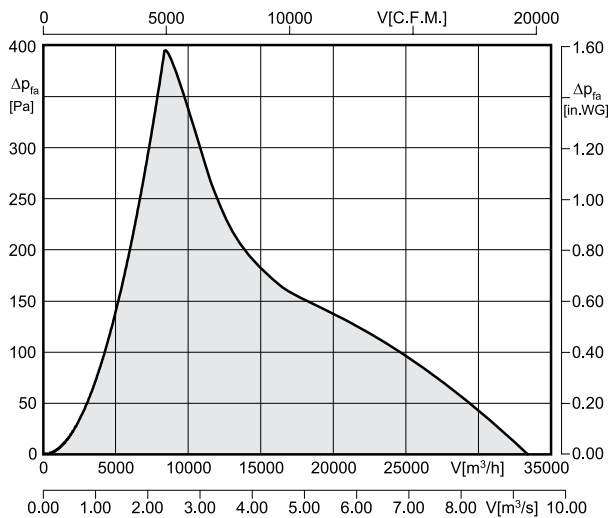


Rosenberg Fans Deliver Greater Efficiency, More Power, Less Noise

Backward Curved Impellers



Axial Fans



NOTE: The above air performance curves have been established according to DIN EN ISO 5801.



Standard Aluminum Backward Curved Impeller

- eight-blade aluminum impeller
- flow rates up to 11,000 CFM
- size: 225 - 710 mm (impeller diameter)
- available as module or motorized impeller

High-Efficiency Backward Curved Impeller

- high-efficiency seven-blade aluminum impeller
- flow rates up to 8,000 CFM
- size: 250 - 630 mm (blade diameter)
- available as module or motorized impeller
- energy efficiency improved by nearly 6%
- noise reduced up to 3 dB(a)



Low-Noise Backward Curved Impeller

- composite or aluminum impeller with airfoil blades and outlet diffuser
- flow rates up to 11,000 CFM at free air
- sizes: 310 - 710 mm (blade diameter)
- available as module or motorized impeller
- energy efficiency improved by 4%
- noise reduced 3 to 5 dB(a)



Low-Noise AKFD Axial Fans

- flow rates up to 19,000 CFM at free air
- sizes 500 (20"), 560 (22"), 630 (25"), 660 (26"), 710 (28"), 760 (30"), 800 (31.5"), 900* (35.5") and 1000* (40") mm (impeller diameter)
- sickle formed profiled impellers made of cast aluminum
- protection class IP54, thermal class F
- noise reduced by 2 to 4 dB(a)

* with EC motors

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