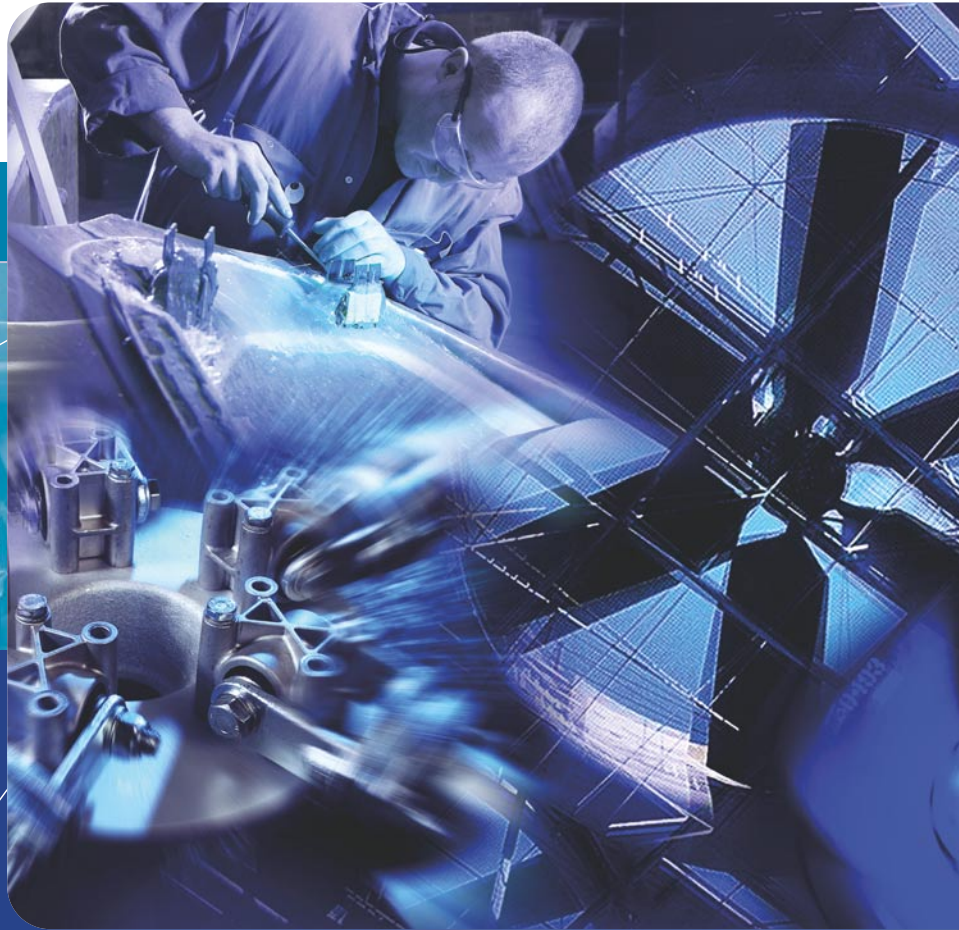


Howden Cooling Fans



Reliability and Performance

Leading the market

Whether you are looking for low noise, high efficiency, or the security of cooling fans designed and built for the long haul, Howden Cooling Fans has lead the market since 1955. With over 150 years of experience, Howden is the world's largest and longest established manufacturer of air and gas handling equipment. Today, no one equals Howden's accumulated knowledge of fans, with applications ranging from cooling fans on the space shuttle to 15,000 hp axial fans for power station boilers.



*From left to right:
static balancing,
rotational balancing,
and our parallel
12' test unit for
comparison tests.*

Reliability by design

Reliability is fan selection data that matches actual field performance. It is a fan design that has the flexibility to operate smoothly in a wide range of structures. The advanced technology

and inherent reliability of Howden products originates from our proven development program, using the world's most extensive cooling fan test facility. Reliability that protects you

from the unforeseen at start up. Technology that adds value to your performance.





Your market drives us

We aim to understand the markets in which our customers need to succeed. Howden products evolve and new products are developed as a direct result of changes in the marketplace. These are the innovative products that demonstrate our continuous drive

for improvement through novel and patented features. An example of this is our “Aerotip”, a blade tip that reduces the level of pulsation and potential for vibrations transmitted to your cooler structure by 30% over other conventional designs.

At your service

The cornerstone of our approach to customer satisfaction is to provide you with prompt service and first-class product support. That is from initial fan selection at the project design stage through installation, commissioning and operational maintenance. Experienced and qualified Howden sales and service staff work in partnership with you to provide technical advice and world-wide field service support.

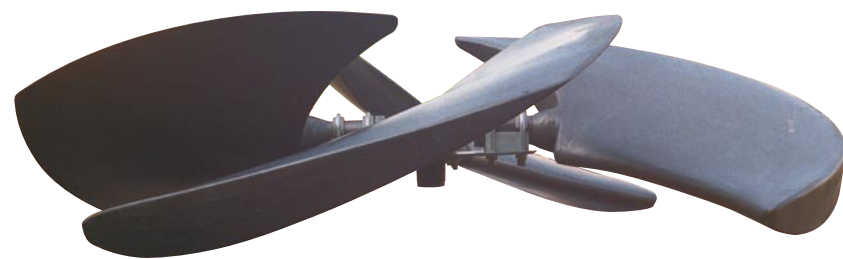


Left: SX fans
in HVAC air-coolers.
Right: ELFA fans
in a cooling tower at
a petro-chemical plant.

Howden

Products and Services

E-series	Most widely installed axial cooling fan
Z-series	Latest development in classic straight aerofoils
SX	For strict environmental noise levels
K-series	"Aerotip" blades with a resilient blade-hub connection
FanCasings	Easy to assemble a perfect ring
CF-P20	The reliable tool to fan selection
Field Service	First class product support and performance enhancements



Further information

We welcome your enquiries about our products and services. Please contact the sales office nearest to you, or contact us through our website. Our staff will be pleased to assist you.



Howden

Howden Cooling Fans

P.O. Box 975

Lansinkesweg 4

7550 AZ Hengelo

The Netherlands

Tel: +31 74 255 6000

Fax: +31 74 255 6060

E-mail: cooling.fans@howden.nl

Web: www.howdencoolingfans.com