

DUCTLESS CAR PARK VENTILATION SYSTEMS INVENTOR OF THE THRUST VENTILATION SYSTEM





INTELLIGENT SOLUTIONS START WITH THE DESIGN

In 1995, Novenco was the first to design a jet fan based ventilation system for car parks and as the inventor of the system, we have set a new standard for ductless car park ventilation systems around the world.

ELIMINATE DUCTWORK

Using a Novenco thrust ventilation system eliminates the need for bulky ductwork.

Not only does this result in savings on materials and space, but also in considerable savings in operational costs as the result of lower power consumption on the axial fans by eliminating the ductwork in combination with a well-designed control system.

SMART CONTROL SYSTEMS

The control system consists of a combination of detection



systems, control panel and a suitable number of jet fans. In combination with the main extract and supply fans this safeguards properly balanced airflows to provide a healthy and safe environment.

MEETING ALL REQUIREMENTS AT SIGNIFICANT LOWER OPERATIONAL COSTS

The Novenco thrust ventilation system offers numerous advantages over conventional ducted ventilation systems. The unique features of the system help to ease an otherwise complicated layout of services inside the car park.

THE THRUST PRINCIPLE

The jet fans deliver air at relative high outlet velocities, inducing air from the surroundings to prevent the buildup of high toxic CO concentrations. The jet induces air from all layers in the car park, which eliminates the need for extract points at low and high levels.

By using jet fans; bulky, unsightly, and often quite complex duct work is not needed anymore. This also makes the solution ideal for refurbishment of existing car parks. The soffit mounted jet fans allow for flexible positioning and short installation periods.

SUBSTANTIAL ENERGY SAVINGS

The lack of ductwork reduces the fan pressures required and thus allows for a selection of fans with significantly lower motor power.

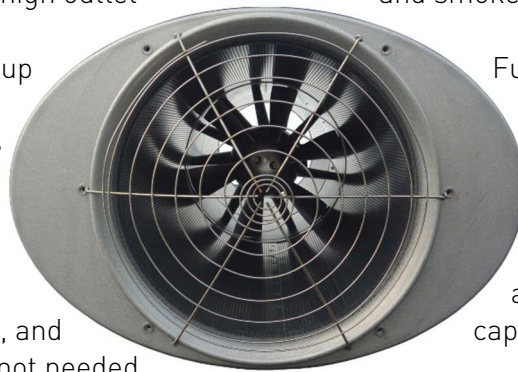
For CO ventilation the jet fans are operated at low speed, requiring only 150 W, resulting in substantial energy savings.

MEETING ALL REQUIREMENTS

The Novenco thrust ventilation system meets all requirements for carbon monoxide ventilation and smoke clearance in the event of a fire.

Furthermore, in most cases the system offers a facility that is unavailable with conventional ducted ventilation systems.

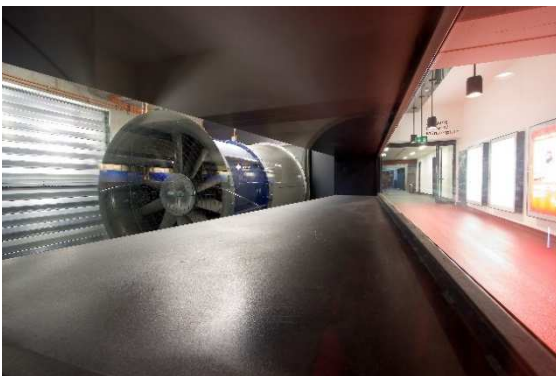
The different types of jet fans allow for very flexible systems capable of meeting all requirements.



SILENT DESIGN JET FANS

For projects where low sound is of the essence, Novenco has developed a special range of low noise design jet fans.

All jet fans and axial flow fans have been tested and certified as smoke extract fans in the classes F200, F300 and F400 in accordance with the international standard EN 12101 part 3.



CONTACT US CAR PARK VENTILATION

Novenco Building & Industry B.V.

Bergweg-Zuid 115
NL-2661 CS Bergschenhoek
The Netherlands
Tel. +31 10 524 24 24
E-mail: info-nl@novenco-building.com

Novenco Building & Industry Ltd.

New Hall
Market Place
Melksham
Wiltshire SN12 6EX
United Kingdom
Tel. +44 800 681 6009
E-mail: info-uk@novenco-building.com

Novenco Building & Industry A/S

Industrivej 22
DK-4700 Naestved
Denmark
Tel. +45 70 77 88 99
E-mail: info@novenco-building.com

With more than 60 years' experience, Novenco is among the world leaders in supplying ventilation systems.

In 1995, Novenco launched the world's first jet fan based car park ventilation system. Over the years, Novenco has established a unique expertise in car park ventilation.

Today, Novenco continues to be a market leader in developing and manufacturing ventilation systems that are marketed and distributed world-wide through subsidiaries and representatives.

Novenco Building is part of the Schako Group and currently consists of the parent company in Denmark and subsidiaries in The Netherlands and the UK. We also have offices in Germany and the United Arab Emirates.

To get more information, please contact your local representative:

WWW.NOVENCO-BUILDING.COM