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We know your needs

Lindab is a modern and innovative corporation with great experience and expertise within its field. With us you will be well equipped to meet the challenges and demands of the future.

Lindab - an international success

Lindab is an international Group that develops, manufactures, markets and distributes products and system solutions primarily in steel for simplified construction and improved indoor climate. The company was founded in Sweden in 1959 and the business is carried out within three business areas, Ventilation, Building Components and Building Systems. Worldwide the corporation has approximately 4,500 employees distributed throughout more than 100 branches in 31 countries. Our management system has been certified by ISO 14001 and ISO 9001 standards.

The success of our clients is our future

Today Lindab is one of the world's leading suppliers to the ventilation business, and we want to continue to be so. We will continuously develop and strengthen the abilities we possess today: knowledge, logistics, design and dialogue - and in doing so, we will make the difference to ensure our customer's continued success.

Simple.

We make a difference in the indoor climate

A good indoor climate is far from a natural part of daily life although it should be. Now, however indoor climate has been put on the agenda of the public debate. This makes demands on you, and Lindab can help you meet them.

Lindab puts indoor climate on the agenda

Not all your customers think about the underlying factors for a good and energy efficient indoor climate. Lindab does. Our many years of experience has given us an in-depth knowledge of how to create the best conditions for a good indoor climate - and an understanding of what it means for both health and well-being. We put that knowledge, and our experience in developing energy efficient products and solutions, at your disposal, when you choose Lindab as your business partner.

We help to secure a good and energy efficient indoor climate for everyone

We don't just make a difference with regards to the indoor climate - but also in the co-operation with our customers. It is not by coincidence that our products are integral parts of the majority of the world's ventilation systems. Right from the design through production to the final delivery, your needs are front and centre. It is by working together that we can achieve success. How? That is just what we will give you an insight to on the following pages.





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Knowledge

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Knowledge is about being in possession of the necessary competence and insight, which makes it possible to develop the right solutions and systems. It is also about having the necessary understanding for the customers and the coworkers, who are able to offer technical advice and support, as well as develop and design these solutions.

We can document our solutions

When you implement a solution, you must be able to trust its quality. That is why documentation and new technology plays an important role for us in our work to find the most intelligent solutions and functional products. These are continuously tested in our own laboratories to insure the highest quality. Our product programme is carefully described and documented – in catalogues and the programme CADvent, which is a part of Lindab's extensive software package, for the design and calculation of complete ventilation plants, climate simulation and selection of air terminal devices and silencers.



Quality is the key in choosing us as your business partner. Consequently, all our products are tested in our own airand acoustic laboratories, where we combine the customers' ideas and views with our abilities and experience - before production begins. The laboratories enable us to conduct full-scale testing offering you a direct advantage.

Logistics

Your time is valuable, and therefore it is crucial that we always deliver components on time. Never too late – and not too soon.

Delivery from hour to hour

To deliver on time – often from hour to hour – is a priority with Lindab. The key to our effective logistics system is our fully integrated online sales- and production system, which connects Lindab's divisions throughout the nation. That means, that your local Lindab division for all purposes will function as your main warehouse, and that you can order or pick up any components you may need from your local division.









Design

With a selection of more than 25,000 standard components and the possiblity of specialized solutions which can meet any need, Lindab helps secure a good indoor climate for everyone.

Good indoor climate is also design

If we want to make sure thousands of people have a good indoor climate, insuring their well-being every day of the year, it is not only a matter of delivering a product, which is efficient and economical. It is as much a matter of design.

We co-operate with architects and designers

Lindab knows that is it not enough that our solutions are efficient, they have to be beautiful and in harmony with the surroundings in which they are placed. Consequently, we have throughout many years had a dialogue with our customers. Through a close co-operation with a number of renowned architects and designers, we have shaped diffusers and other visible and important details. One architect and industrial designer is Knud Holscher, who has won the Industrial Design award for his design of our diffusers.

We offer our clients special treatment

We are always up to the task. Besides our standard programme, we can design and produce components and solutions to suit your every need. We have divisions, who specialize in bespoke solutions. Tell us which component you need, and we will produce it. That is the only way we can achieve the perfect solution – every time – together.

Dialogue

Dialogue is the heart of our corporation. It is the dialogue with our customers and our suppliers – and that between co-workers – which is the central axis of all, that we do.

Dialogue is an important part of everyday life

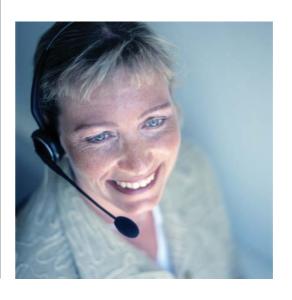
It is the daily contact, which makes us better at: servicing our customers, co-operation, and developing new innovative products. Lindab is not just a supplier – we also function as the technical advisor, with regards to our product's function and we have to be able to fulfill the very different needs and wants of our customers.

We develop through close dialogue

It is only through the close contact with our customers that we are continuously able to develop better solutions. It takes two parties to keep a dialogue going, and Lindab never just sits waiting by the phone. In active co-operation, we follow up on your expectations. How else would we be able to meet them?









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Product range



Lindab Safe

- 1 Circular duct
- 2 Bend
- 3 Reducer
- 4 T-piece
- 5 Female coupling

Silencer

- 6 Circular straight low-built silencer
- 7 Circular straight silencer
- 8 Circular curved silencer

Access doors

- 9 Access door
- 10 Access cap

Damper & Measure

- 11 Regulating damper
- 12 Constant-/variable flow damper
- 13 Damper with flow meter

Flexible ducting

- 14 Semiflexible duct
- 15 Multi layer flexible duct (Combi)
- 16 Flexible duct (PVC)
- 17 Flexible duct insulation/ insulation sleeve

Comfort

- 18 Exhaust air valve
- 19 Diffuser VERSIO
- 20 Supply air beam
- 21 Pressure control valve
- 22 Diffuser
- 23 Diffuser COMDIF

Hoods

- 24 Roof hood
- 25 Roof hood

Rectangular

- 26 Rect to round transition
- 27 Rectangular duct
- 28 Rectangular bend
- 29 Rectangular straight silencer

Installation equipment

- 30 Suspension clamp
- 31 Suspension threaded rod
- 32 L-fastener with vibration damper
- 33 Cantilever

Smart tools

- 34 Leakage tester
- 35 SR Cutter
- 36 SR Roller
- 37 Trolley
- 38 SR Handle

Other products

- 39 Insulation
- 40 Duct fan
- 41 Fan
- 42 Fire damper
- 43 Filters

IT solutions

- 44 TEKNOsim
- 45 DIMsilencer
- 46 DIMcomfort
- 47 CADvent

Air Duct Systems

The Air Duct Systems product area consists of a range of circular ducts and fittings, complemented by e.g. rectangular duct products and hoods. The products are used for the construction of ventilation systems and are the business area's core business.

Comfort

The Comfort product area includes three product programs - Air systems, Water systems and Acoustics - all contributing to create a pleasant, healthy and productive indoor climate.

Air systems – products for supplying and extracting air to and from a ventilated area - such as diffusers, grilles and VAV systems - in order to achieve the required demands for the indoor climate.

Water systems - products that use water for achieving the required indoor climate, such as chilled beams, chilled panels, induction units, heating panels and regulation equipment.

Acoustics - a complete range of silencers which provide the basis for a quiet and pleasant ventilation system.

Ventilation Products

Some of our markets offer a network of branches, or One Stop Shops, where we keep a wide assortment of our standard products on stock, as well as all the tools and accessories needed for installation of ventilation equipment.

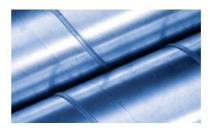
At Lindab branch shops we aim to offer our customers everything they need, all collected at one place.

IT solutions

Lindab offers a large range of intelligent and rational tools and services that make your day-to-day work easier. We want to give you the opportunity to develop optimal, reliable and economical ventilation solutions in the shortest possible time.

One part of our offer is a software package for the design, calculation, quantification and planning of complete ventilation and indoor climate systems.

















IT solutions

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What if we could help you shorten your design and installation phase, minimizing the risks, and creating better designs? Would that give you improved client satisfaction?

We know that your time is expensive. We offer a large range of intelligent and rational tools that make your day-to-day business work easier, and with us as your partner you can benefit from more than 40 years' experience within ventilation. In short, we want to give you the opportunity to develop optimal, reliable ventilation solutions in the shortest possible time.

CADvent

CADvent is an AutoCAD© application with a complete toolbox for drafting, dimensioning, calculation, quantification and presentation of complete HVAC installations. Our criteria for developing CADvent always start from the basic needs of the draughtsman or engineer.

CADvent provides you with:

- quick and easy drafting, both in 2D and 3D
- improved productivity through design visualisation and instant collision feedback
- correct product data which can be used in the whole project.
- embedded calculations for pressure, noise and balancing, reports easily exportable to Excel and PDF.
- visualisation/presentation tools that lets you present the project in an attractive and more realistic manner towards your client
- production model creation, connected to our business system for pricing, delivery planning and suborder scheduling
- CADvents production modul is based on real-life product information such as measures, connections an technical data, providing BIM information

DIMcomfort

DIMcomfort is based on Lindab's supply and exhaust air terminal device range, and provides calculation and design of diffusers based on the specified requirements.

DIMcomfort offers:

- fast and easy product selection based on the specified requirements
- dimensioning and positioning of the products
- calculation support for noise and temperature
- simulation of flow patterns and velocity from diffusers
- adjustments of air flows to optimise the comfort level
 printing drafts of rooms and diffusers as well as
- reports with data for chosen diffusers

 integration with CADvent

DIMsilencer

Based on the specified requirements DIMsilencer provides quick, professional noise calculation as well as simple product selection combined with a high degree of user-friendliness.

DIMsilencer offers:

- fast and easy product selection based on the specified requirements
- room-module makes it possible to simulate sound calculations adapted to the conditions in the room
- complete system calculation from unit to room
- · quick and easy drafting
- verified, guaranteed properties data is based on measurement values according to a new standard
- printing of reports with data for chosen products
- integration with CADvent



TEKNOsim

TEKNOsim is our software for climate simulation. It is userfriendly and provides you with clear, understandable results. You can easily see the consequences of altering various parameters, and you can rely on the software's brandneutral results.

Easy to use

- all data entered can be selected by means of dialog buttons
- the software contains a large variety of pre-defined, completed designs for walls, windows, ceilings and
- the results are presented in easily understood diagrams and tables
- all of Lindab's water-borne climate control products are included in the software
- includes a guide to help new users start their climate simulations quickly and easily

Accurate and reliable

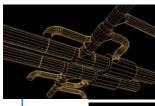
- TEKNOsim is based on many years' experience of data-based climate simulation
- the software takes into account every significant parameter affecting indoor climate
- · fast, accurate calculations that minimize the risk of oversizing your climate control system
- · verified by Chalmers Industriteknik, CIT, Sweden.

Brand neutrality

· allows the calculation of the heating and cooling effect of various climate control systems

See the results

- the results are presented as clear tables and diagrams
- by changing various parameters, it is possible to study building and installation dynamics
- the software can be used at all stages, beginning with the early stages of planning









Project Support

With Lindab as your partner you can benefit from more than 40 years' experience within ventilation. This means that you can get support from the first draft, to the finished drawing and all the way through quotation and order process.

- Calculations
- Pricing
- · Preproduction engineering
- Order handling
- · Product selection
- · Conversion of rectangular to round duct systems
- 2D/3D CAD model conversion to CADvent

Additional information is available at www.lindabventilation.com or the site of your local Lindab company. Or contact us by mail: itcenter@lindab.com

Training and Support

Our software package is easy to learn, but our philosophy is that all users should invest in our basic training program.

We offer training and support on all our software:

- · basic introductory course
- · support during installation and start-up
- · advanced training courses
- · seminars/courses held at your company



References

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Turning Torso, Malmö, Sweden



DESY research centre, Hamburg, Germany



Tenpin bowling hall, Sweden



Hotel Mariott, Copenhagen, Denmark



Shopping centre, Stockholm, Sweden



The Opera house, Copenhagen, Denmark



References



Ejendal arena, Leksand, Sweden



Pareto print, Tver, Russia



Hospital, Copenhagen, Denmark



University of Edinburgh, UK



Brussels Airport, Belgium



Tollcross Park Leisure Center, Glasgow, UK

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