

## Premum & Premax

Flexibility when it is needed...



## Reach your goals with full flexibility

### **Want to ensure the possibility of changing the layout of the building?**

Need to change air volume, pressure or air pattern? With Premum and Premax you are able to easy and highly flexible reconfiguring options, enabling you to secure the needs of the specific situation. If you choose to add AirGuide to your beams all adjustments are swiftly done, without the need of any tools.

## Why Premum or Premax?

If you are looking for a flexible and easy, yet powerful solution, the Lindab Premum and Premax active chilled beams are the perfect choice. The possibility to configure the beams at the build site, allows you to choose a beam earlier in the project than before. In supplying outstanding cooling performance and providing a wide operation range, regarding air flow and air pressure, Premum and Premax will supply flexibility when it is needed.

**Get maximal  
flexibility  
with the unique  
AirGuide  
solution**

The demands for comfort ventilation and cooling are higher than ever, but increased cooling often results in higher air velocities, thereby creating draughts and making the comfort ventilation ineffective. Therefore it is essential to choose products with a high level of flexibility and efficiency to ensure the perfect indoor climate.

## Premum - flexibility when it is needed

With the patent-pending technology JetCone and our unique Angled Nozzles you will obtain a draught free environment when using Premum. The indoor climate will be optimal and the solution is secured for future layout changes in the building, by allowing air flow and air pressure changes as easy as ever. Equipped also with the optional AirGuide system you will be able to change air pattern also easily in future. This gives you flexibility for both the full ventilation system and for the individual workspace as well.

- **JetCone – wide dynamic operation range**
- **Angled Nozzles – draught free environment**
- **AirGuide – for a maximum in flexibility**

## Premax - a powerful choice

For areas where the cooling requirements are extra high, Premax is the right choice. With market leading cooling performance and patent-pending air control technologies as JetCone and AirGuide, Premax delivers a perfect result in demanding situations. Securing an optimal air pattern by controlling air flow and air pressure, ensures that you will always get a great indoor climate with low air velocities. This allows you to adapt the ventilation solution to your demands, when using Premax.

- **Powerful – exceptional cooling performance**
- **Flexibility – adapt to the individual workspace**
- **Control – innovations eliminating draughts**

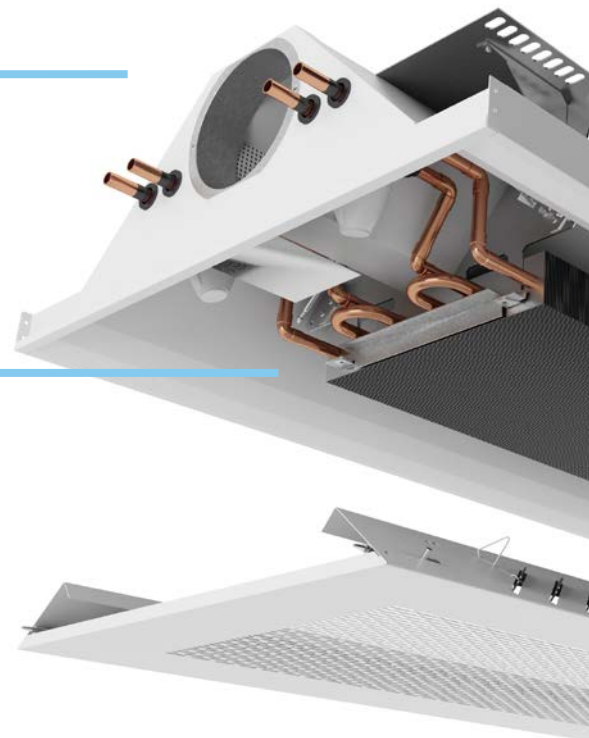
# Innovative design

## Lindab's JetCone, Angled Nozzles and optional AirGuide solutions sets new standards for chilled beams

The JetCone system has proven itself over several years of application in offices, schools, hospitals where precise and well balanced cooling and ventilation have been required. With Premum, Lindab takes the concept of controlling ventilation air and cooling to the next level. Thanks to the new optional AirGuide system, the goal of full control is reached. Where the JetCone system lets you regulate the air volume and pressure in the greatest span available, and the Angled Nozzles guarantees a draught free environment the optional AirGuide system puts you in control of the air pattern. By controlling the air pattern, you can ensure a perfect distribution and avoid turbulent zones when two or more beams are placed close to each other, with full flexibility.

*Premum and Premax is available with a wide range of connection options, making Premum and Premax suitable for your project.*

*Equipped with a large and effective cooling battery, Premum delivers great cooling performance. If outstanding performance is needed, Premax delivers market leading cooling performance.*



# Complete security

The level of flexibility provided by Premum and Premax, makes it easy to choose a beam early in the building project. The great flexibility allows for the beams to be configured at the build site. Therefore Premum and Premax can be ordered before the specific needs for the individual rooms have been fully calculated. The beams are not necessarily specified for a certain room or location in the building, and therefore it is possible to have the Premum and Premax beams at the build site, ready to mount, right from the beginning of the project. As the configuration of a beam only takes a few moments, you will gain time by having the beams ready early in the building process.

## MagiCad

Using the Lindab chilled beam database integrated in MagiCad, you can construct and calculate a complete ventilation system in an Cad environment, getting the specific pressure and sound values for the full waterborne product range from Lindab, including Premum and Premax. As our online selection tool LindQST.com is available as a plug-in for MagiCad, you can calculate the selected product and import the specific selection directly to MagiCad.

With unique  
**JetCone** and  
**Angled Nozzles**  
patent pending  
solution

*Eurovent Certification certifies the performance ratings of chilled beam products according to European and international standards.*



# All you need and more

With Lindab Premum and Premax you have all the options needed to suit almost any situation. Supplying cooling and fresh air as standard, Premum and Premax can also be delivered with heating, exhaust air, built in valves and regulation, condensation sensors and Drypac® anti condensation coating. Furthermore, Premum and Premax can be delivered in a wide range of different dimensions as well as any colour, and can be customized to fit any known ceiling system on the market.



*Premum and Premax is delivered with the Lindab patent pending JetCone system and Angled Nozzles, making air flow and air pressure alignment as easy as ever.*

*Control of air pattern equals the ability to eliminate draft. Add Lindab AirGuide and you are presented with a system that enables you to optimize your comfort ventilation in a few, easy steps. When full flexibility is needed!*

## Premum = flexibility

Lindab Premum can be delivered in a wide range of different models, to fit your specific requirements for capacity and ceiling type. Equipped with JetCone and Angled Nozzles or JetCone and AirGuide, Premum is flexible and easy to handle, which helps you get the best results in all situations. With a great variety of add-on options, Premum delivers great flexibility, if needed!

## Premax = power

Lindab Premax is one of the most efficient active chilled beams on the market, in terms of cooling capacity. With the features of the Lindab JetCone and Angled Nozzles or JetCone and AirGuide systems, the full power of Premax is yours to control. Therefore Premax is the best solution when the need for cooling and comfort ventilation is the top priority.



[www.lindab.com](http://www.lindab.com)