


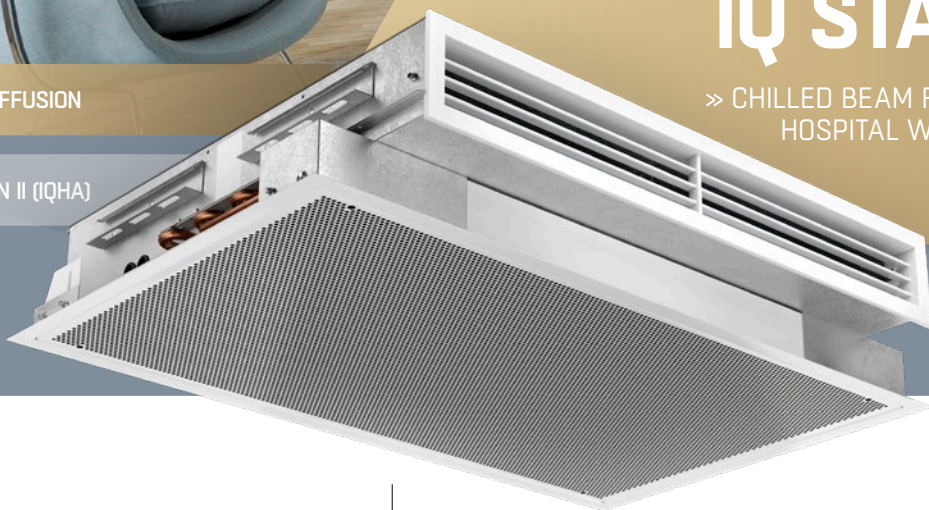


iQ STAR ORION II

» CHILLED BEAM FOR HOTEL ROOMS, INDIVIDUAL HOSPITAL WARDS AND CELLULAR OFFICES

 AIR DIFFUSION

iQ STAR ORION II (IQHA)



iQ STAR ORION II KEY BENEFITS

- 4 sizes
- Length: 100 to 160 cm
- Comfortable environment with high indoor air quality and low sound pressure < 20dB(A)
- 3 different grilles (fixed, horizontal adjustable blade and vertical and horizontal adjustable blades)
- Pi actuator for Demand Controlled Ventilation functionality
- Easy installation due to adjustable height and front grille



VERY LOW NOISE



AIRFLOW CONTROL

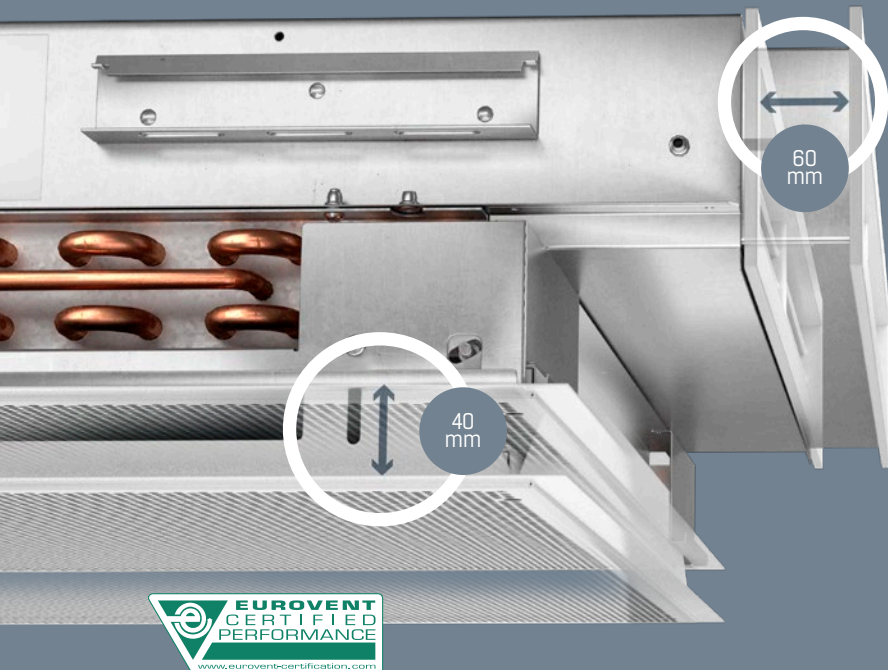


ADJUSTABLE NOZZLES

The Orion II chilled beam is an active chilled beam system for ventilation, cooling and heating. It is designed for use in hotel bedrooms, individual hospital wards and cellular offices where Orion's very low noise levels (e.g. <20 dB(A) at 20l/s) and high comfort are especially appreciated. A design that is easy-to-adapt to future building layout changes, low energy consumption and maintenance costs complete the attractive package.

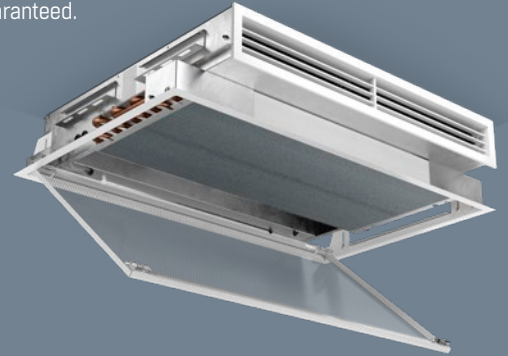
This diffusion system offers comfort and flexibility thanks to adjustable blades. The Pi advanced function gives even more flexibility adding a Demand Controlled Ventilation function to the system. The air diffusion follows building occupancy and makes the HVAC system highly efficient. Orion II with Pi function is pressure independent and makes the system suitable for many duct work system types.

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EASY INSTALLATION

Orion II offers great flexibility and easy installation. The telescopic front grille and height adjustability are two features that speed up adaptations on-site. The coil can easily be flipped to suit left-right or right-left installations. With a front plate that can hinge from either side, quick access to the control system and easy cleaning is guaranteed.



A bulkhead mounted active chilled beam without compromise

With Orion II we have combined all FläktGroup's knowledge of chilled beams in a flexible and efficient package that is dedicated to deliver optimum performance for hotel room, individual hospital ward and cellular office applications. Smart features that ensure quick installation and a multitude of airflow adjustments for draught-free comfort is only the start. Our patented motorised Pi actuator and stepless nozzle system give a wide airflow range (e.g. from 5 l/s up to more than 60 l/s at 100 Pa) which delivers quick temperature changes in the room. Thereby Orion II is the perfect base for a Demand Control Ventilation system designed to deliver the best possible energy and cost savings at the best comfort level.



SELECT – for quick and easy selection

SELECT is FläktGroup's web based product selection tool for calculation and documentation of chilled beams and air terminal diffusers. The tool shows all products, functions, and features visually, which makes it very easy to use.

SELECT contains:

- 3D presentation of all products
- 3D presentations of the flow patterns in selected rooms
- A calculation and dimensioning tool
- Installation and maintenance manuals
- Connections with MagiCad or Revit (plugin or database)

select.flaktgroup.com

