

FOCUSON

Ceiling Fans



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Benefits →

Installation →

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Why Faro →

Healthy
Silent
Efficient
Sustainable
Safe



BENEFITS

Fans are the most efficient and healthiest way to have spaces with guaranteed air quality.



The use of fans in enclosed spaces has several significant advantages in terms of health and comfort. Unlike other cooling systems, fans work by moving the air already present in the room, which reduces the room temperature naturally, without the need to generate new air. By using the air in the room itself, fans help to maintain a cleaner and healthier environment and prevent the environment from drying out or the entry of toxic particles harmful to human health.

In addition, fans can be used to complement other cooling systems, such as air conditioning, improving their efficiency and providing a more pleasant environment.

In short, their use not only improves the thermal sensation, but also contributes significantly to indoor air quality.

Healthy



Silent

One of the most important aspects of a fan is that it is comfortable both both for the breeze the breeze it provides and its quiet operation.

One of the most important aspects of the fans is their quiet operation. We have recently upgraded all our fans with AC to DC motors, which ensures that they run completely silent and offer the highest comfort. This feature, together with the advanced built-in electronics, guarantees an absolute comfort experience without any noise, especially during sleep, when silence is even more appreciated.

Our direct current (DC) motor fans are much more efficient than other air conditioning systems. Did you know that using them for eight hours on a hot summer night consumes approximately one euro per month in electricity? This represents a huge saving compared to air conditioning. They can also operate in reverse mode during the winter, improving energy efficiency and reducing heating consumption.

During the winter, when heat from heating tends to accumulate at the



top of rooms, as in Barcelona, our fans distribute the air more evenly. This can reduce heating costs by between 10% and 15%. This is why we say that a fan is efficient and can be used in both summer and winter.

-92%

Energy saving compared to air conditioning.
The consumption of a ceiling fan is similar to that of an LED light bulb.

Efficient

A ceiling fan is more sustainable than other air conditioning systems due to its low energy consumption, which is significantly lower than that of air conditioners. In addition, they can be made from recyclable and reusable materials, such as wood and metals, which reduces their environmental impact. Their efficiency is also evident in winter, improving the distribution of warm air and reducing the need for heating. Overall, their production and operation generates less emissions and waste, making ceiling fans a greener and more efficient option.



Sustainable



Safe



Our more than 40 years of experience in the manufacture of ceiling fans allows us to guarantee the reliability and safety of our products. Correct installation is essential and their use is fully possible in both private and public spaces (homes, hotels, libraries, schools, restaurants...). The lightness and reliability of our fans ensure safe and efficient performance in any location.

Sizes
Distances
Ceilings



INSTALLATION



Size is really important when selecting the ceiling fan. If a fan is too large, it can overcrowd the space. On the other hand, if the fan is too small, the airflow may be inadequate for that area.

The choice of fan size is a crucial aspect and depends on the dimensions of the space we want to air-condition. At Faro Barcelona we offer four standardised sizes to facilitate the selection. For small rooms, around 12m², we recommend fans of less than one metre. For medium sized rooms, from 13 to 17 m², we suggest the 1.32m size. For large spaces, we offer L and XL sizes, suitable for rooms up to 3m², ensuring efficient ventilation.

XL

28 m² or more



over ø165 cm.

L

17,6-28 m²



ø132-164 cm.

M

13-17,6 m²



ø107-131 cm.

S

13 m² or less



ø106 cm. or less

We work closely with the customer to choose the optimum size and placement of ceiling fans.

For example, in a room or classroom, we recommend placing more fans near the windows if the

total number of fans is odd, as this is the area where the sun shines the most and the temperature is usually higher. This distribution improves comfort and ensures adequate ventilation. Ceiling installation should be carried out by qualified professionals to ensure efficiency and safety.



Distances



Construction



Plasterboard



Sloped roof



Other

Ceilings

Construction roof

The installation of ceiling fans on construction roofs is the simplest and most efficient. These ceilings, being more solid and structurally robust, make it easier to fix the fans. The stability of the construction roof ceiling allows for a firm installation, reducing the risk of vibrations, thus guaranteeing a safe and durable operation.



Plasterboard ceilings

A ceiling fan generally weighs between 3kg and 4kg, comparable to the weight of a luminaire. Although their size is bulky, their weight is surprisingly light. Fans with direct current (DC) motors are especially light due to their electronic construction and the minimal amount of material used. This allows them to be installed in plasterboard ceilings without any problems, as any plasterboard on the market can support the weight of a fan. For a more secure installation, tipping plugs, specifically designed for plasterboard ceilings, are recommended.



Pitched roofs

Installing a ceiling fan on a pitched roof is entirely possible and safe. It is important that the roof pitch is between 18 and 25 degrees. These fans include a ball joint that allows the downrod to remain vertical while the blades rotate. In addition, longer blades can be used to overcome obstacles such as beams.



Case Study



Project: Private residence
Studio: Maria Buira Interiors
Photography: Maria Pujol

In this particular house, one of the challenges was the installation on a sloping roof with beams and to achieve a perfect integration with the rustic aesthetics of the space. The fan, strategically placed between the beams, ensures efficient air distribution and optimal operation.

Case Study



Project: Private residence
Studio: Estudio Vimarvi
Photography: German Cabo

In this project, we installed ventilation in an outdoor kitchen with a wooden ceiling, combining functionality and aesthetics. The fan, strategically placed above the cooking area, ensures optimal air circulation to alleviate the heat during the cooking and eating process. In addition, in this case the fan helps to drive away flies and mosquitoes, creating a more comfortable and pleasant environment. The integration of the fan with the natural materials of the ceiling and the furniture creates a visual harmony that enhances the beauty of the surroundings.

Case Study



Project: Hotel Six Senses
Photo: Assaf Pinchuk

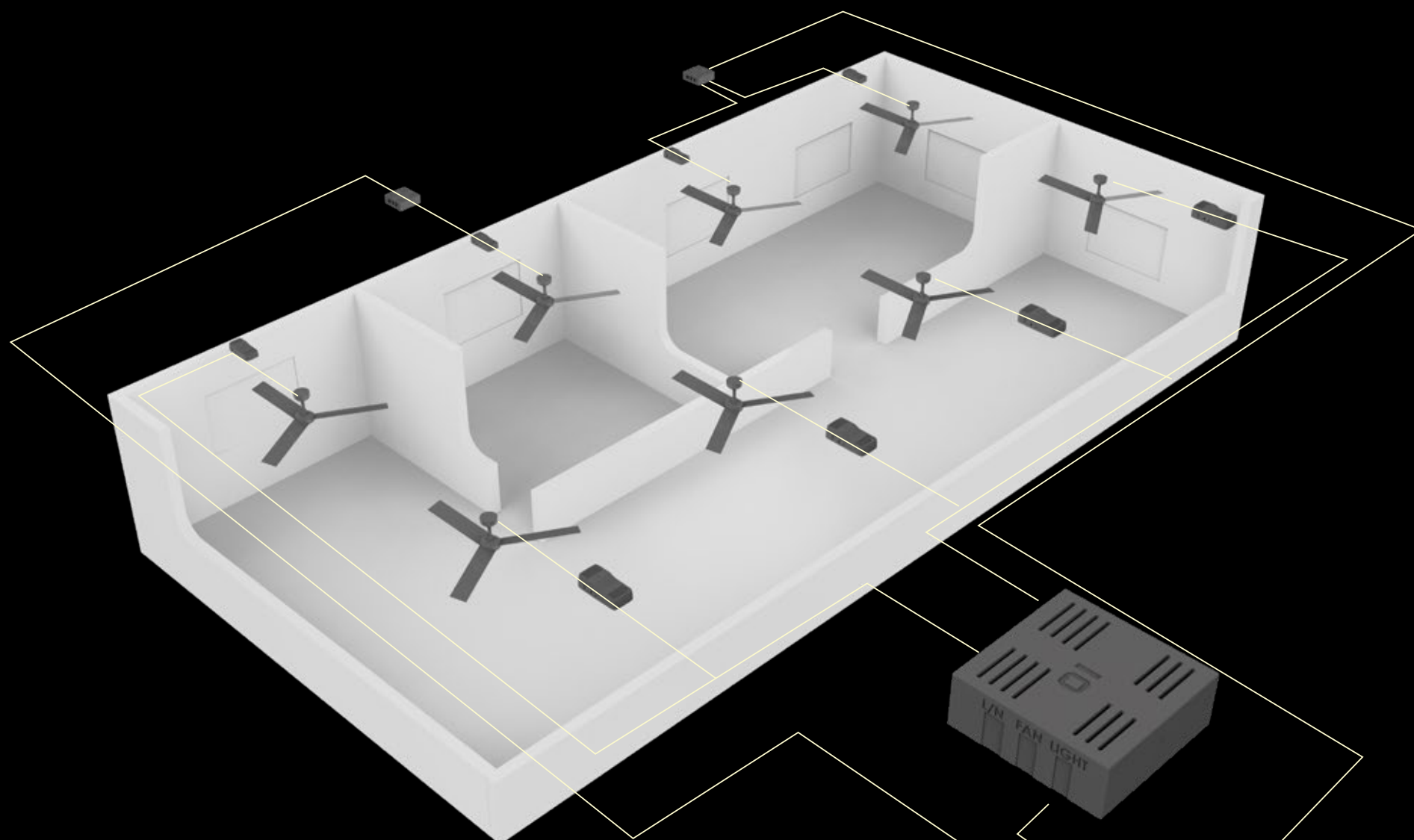
The Six Senses Hotel in Ibiza has relied on our fans to guarantee the best experience for its guests. The ceiling fans located in the rooms with spectacular sea views stand out. These fans not only ensure optimal air circulation to maintain freshness and comfort on hot days, but also complement the Mediterranean and natural aesthetics of the environment.

The team of experts at Faro Barcelona, leaders in ventilation solutions, has developed Faro Fan Gateway, a solution developed by the firm and unique in the market that represents a breakthrough in ventilation management. This innovative home automation tool allows the complete integration of our fans in building control systems such as BACnet, KNX, or LUTRON. Faro Fan Gateway facilitates centralised management, improving energy efficiency and control of spaces, from offices to educational and commercial facilities to hotels. With Faro Fan Gateway, adjusting and customising fan

operation is simple and efficient, ensuring that every space is not only comfortable but also sustainable. With additional features such as remote control, memory settings for speed, sound and light, and customised configuration, our systems offer unprecedented flexibility, taking comfort and energy efficiency to new levels.

This tool not only improves operational and energy efficiency, but also elevates the user experience, making it an ideal solution for any modern project looking to optimise its ventilation system.

Faro Fan Gateway



*Control panel not included

*Automation control not included

Compatible with

ASHRAE **BACnet**[®]

KNX

LUTRON[®]

CASAMBI

and other control systems with 0 10/1 10V



All WP fans are compatible



Ref. 34162
Gateway 0 10/1 10V



Ref. 34160
Adjustable universal receiver for adaptations of programming



Centralised Control

Allows centralised management of all fans from a single interface. This facilitates the programming and adjustment of fans in different areas of the building from a single point of control, which is especially useful in large structures such as hotels and offices.



Intelligent Automation

The tool can be integrated with intelligent building management systems such as BACnet, KNX, or LUTRON, allowing fans to operate in sync with other building systems, such as lighting and heating, for optimal energy efficiency and improved comfort.



Energy Efficiency

By allowing tighter control and the ability to program fans to operate only when needed, Faro Fan Gateway helps to significantly reduce energy consumption, which is key to managing operating costs.



Enhanced Environmental Comfort

Facilitates the creation of personalised environments for occupant comfort by automatically adjusting ventilation based on room occupancy or external weather conditions.



Ease of Use

With the remote control and memory functions, the system allows easy adjustment of fan speed, on/off, and other settings without the need to physically be in each space. This is particularly useful in hotels and offices where settings may vary throughout the day according to the needs of the occupants.



Maintenance and Monitoring Simplified

The ability to centrally monitor and diagnose the status and operation of fans facilitates preventive maintenance and quick troubleshooting, thus minimising downtime and occupant disruption.



Sustainability and Carbon Footprint Reduction

By optimising fan usage and reducing energy consumption, Faro Fan Gateway contributes to the sustainability of the building and the reduction of its carbon footprint, both of which are increasingly important in modern property management.

Case Study



Project: Ayuntamiento de Montcada i Reixac, Generalitat de Catalunya y Diputació de Barcelona.
Photography: Faro Barcelona

The new nursery school in Montcada i Reixac stands out for its sustainable design focused on children's well-being, with natural ventilation reinforced by ceiling fans. The spaces are designed to encourage autonomy and the link with nature through soft lighting and direct connection with the outdoors.

Case Study



Project: Private residence
Studio: Febrero Studio
Photography: Germán Cabo

In this private home, we have installed ceiling fans in the terrace area, providing a stylish and functional solution to keep cool on hot days. These fans not only alleviate the heat, but also help to keep small insects away, creating a more comfortable and pleasant environment to relax and enjoy the outdoor space. The integration of the fans with the aesthetics of the space ensures perfect visual harmony.

Case Study



Project: Escola Pia

Escola Pia is a pioneering school in education with a need to improve thermal comfort and thus guarantee the concentration and good performance of its pupils. One of the requirements of this project was to have a simple and autonomous control of the fans in each classroom or room. The use of a remote control was avoided in order to simplify the management and to avoid loss or breakage of the control, a typical problem in this type of place. The wall control integrates perfectly into the aesthetics of the building and is very easy to operate.

Case Study



Project: Saona Group
Studio: Tarruella Trenchs Studio

Saona restaurants are specialists in offering memorable moments to their customers, with the best service, quality gastronomy and in spaces with Mediterranean character. Their spaces reflect their philosophy to perfection: wellbeing. For this reason, the interior designers Tarruella Trenchs have chosen our LANTAU model fans to contribute to that sensation of wellbeing experienced by anyone who visits one of their numerous restaurants.

Case Study



Project: Shon Mott Shop

In this fashion shop we installed ceiling fans to improve air circulation and provide a more comfortable shopping experience. The fans, with their sleek wooden blades, complement the modern, minimalist aesthetic of the space, while ensuring even air distribution. This solution not only keeps the temperature comfortable for customers and staff, but also adds a touch of sophisticated style to the shop's ambience.

Know-how
Design
Range
Warranty
Quality and Service



WHY FARO

Since 1982, we have accumulated extensive experience in ventilation solutions, with more than 1.5 million products on the market. Our long history and commitment to safety enable us to offer reliable and safe products. Our fans meet the highest standards of safety and efficiency.

"More than 1.5 million fans sold since 1982."



Know-how



An essential aspect of ceiling fans is design. We work meticulously on every detail. We take care of the distances between moving and fixed parts to avoid noise without sacrificing aesthetics. Unlike other existing fans that leave large gaps between parts to prevent noise, we reduce these distances to a minimum, which requires greater precision in manufacturing. This approach allows us to create fans with more compact dimensions and a more attractive, integrated design. Our team, with more than 15 years of experience, has achieved outstanding results in our new range of designs, where every detail counts.



More than 80 designs.

We have a wide range of fans that cover all needs. We offer models in different sizes, with and without light kit, with natural wood, ABS and plywood blades. We also have outdoor options with IP44 protection. Our selection covers all possible preferences and applications, ensuring that our customers find the perfect solution for every project. We strive to provide versatile and high quality options to meet any design and functionality requirements.



Range

Motors with
15-year warranty.

Quality permeates every stage of the design and manufacture of our ceiling fans. We perform various quality controls during the manufacturing process to ensure that they meet our high standards of quality, durability and reliability.



Once our products arrive at our logistics centre, we carry out a second quality check in our Q-lab (our own quality laboratory). We check again all the electrical parameters, consumption, air flow and sound. Once this check has been passed satisfactorily, the products are stored and prepared for delivery. This double check guarantees that Faro Barcelona fans are of high quality and reliability.

Warranty



FARO
BARCELONA
Integrating Sphere

Quality and service



Airflow Studio

Our technical team carries out a personalised study of the characteristics of the space, the environmental conditions of the place, as well as needs and preferences. As experts in ventilation, we carry out the airflow study to guarantee the best performance of our ceiling fans in any type of space. We carry out an exhaustive analysis of the architecture, environmental conditions and your needs, recommending and programming the ideal fan to guarantee comfort, well-being and efficiency.

Fans with light

Many of our ceiling fans include a light kit, which must meet the same testing standards as any other type of luminaire. In our facilities, we have a photogoniometer and an ulbricht sphere, tools that allow us to measure both the efficiency of the light kit and the colour quality. We assess colour deviations, flicker and stroboscopic effect with great care to ensure quality and efficiency in all cases.



Customisation

At Faro Barcelona, we offer customisation services to adapt our products to the specific preferences of each project. We can customise any fan in our catalogue with special colours and light kits with specific temperatures. In addition, we design completely bespoke when the project requires it, developing solutions from scratch to meet specific needs.



Case Study

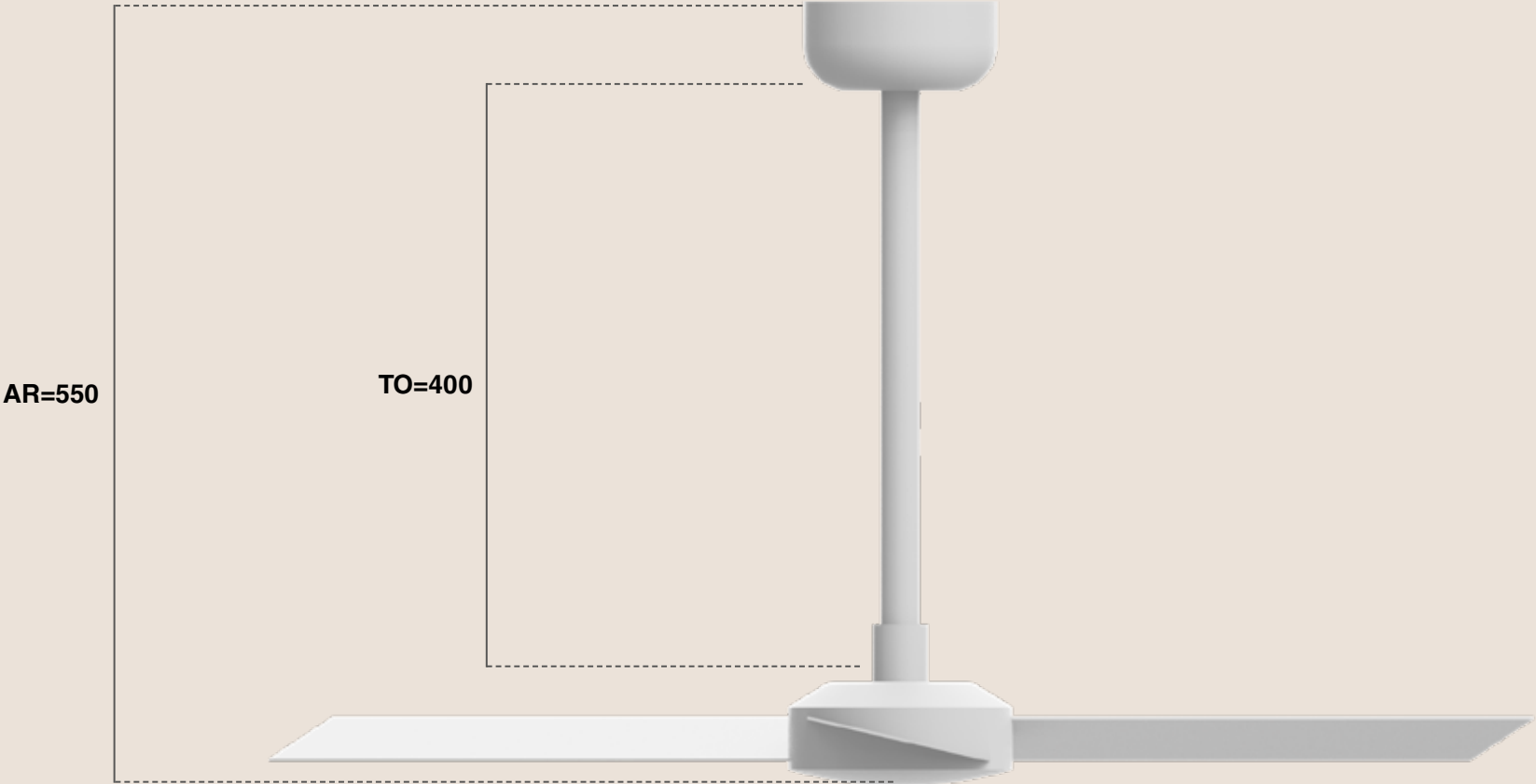
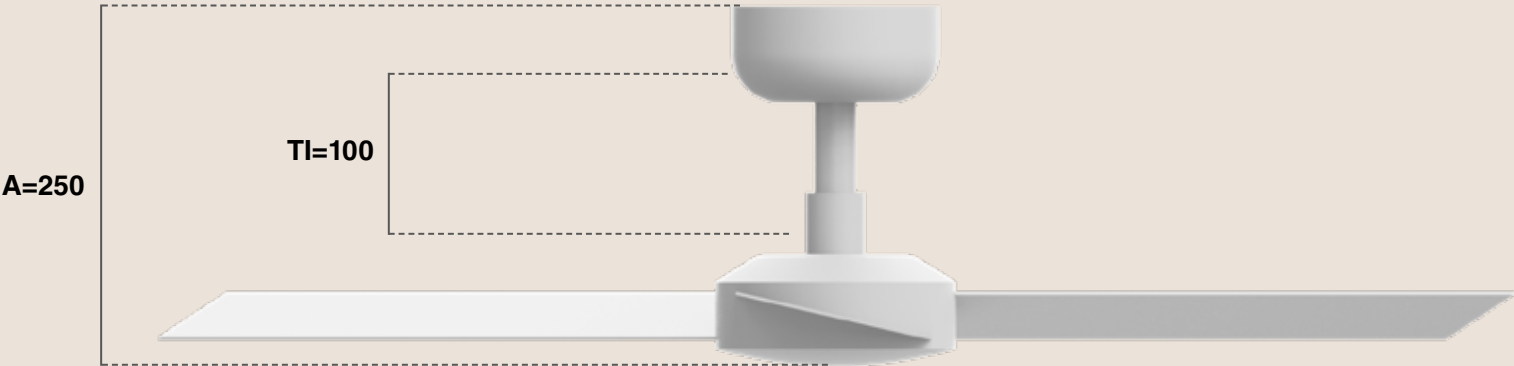


Project: Hotel Ibiza

In this example of customisation, the ceiling fan needed to blend in perfectly with the aesthetics of this hotel in Ibiza. The fan was customised to complement the interior design of the rooms with a soft colour palette in shades of pink and cream. The thoughtful integration of this fan demonstrates our ability to adapt and create bespoke solutions that meet both the practical and aesthetic needs of our clients.

Downrods

One of the most demanded aspects is the adaptation of the fans according to the different heights of the ceilings in each project. In order to meet this need, we offer a wide range of different sized fan downrods available as accessories in our catalogue. All of them are delivered pre-wired to guarantee a simple and optimal installation.



Case Study



Project: Hotel Can Ferrereta

This ventilation project in an elegant hotel suite is an excellent example of how our wide range of different height downrods can be perfectly adapted to the structural characteristics of each space. In this case, we selected a specific height downrod that would allow the fan to operate efficiently within the parameters of the room design, maintaining an optimal distance from the ceiling and providing ideal air circulation.

Control options



Remote control

Portability: The controller is portable, allowing you to control the fan from anywhere in the room without having to get up or move to a fixed switch.

User-friendly: It offers intuitive and simple control, with clearly marked buttons for adjusting speed, light and other fan functions.



Wall-mounted controller

Simple and autonomous control

Decorative option

Intuitive



Voice

Simple mobile or voice control

Customised scenes



Switch

Simple and easy control

Prevents leaks and/or breakages

A remote control for everything

Faro Barcelona fans allow specific configurations that make them highly attractive and efficient.



The Faro Barcelona remote control allows different functionalities:

Sound configuration. Many electronic devices emit a beep (pip, pip) when they receive a command. This can be annoying at times such as during the night. Therefore, Faro Barcelona fans allow you to activate or deactivate this sound according to your preference.

Key lock. This function is ideal for households with children who might change the fan settings or in hotels where we do not want users to operate the fan directly. When the fan is in use, the key lock allows only switching the fan on and off. When the fan is switched off, the keys become available again.

Operating memory function. Allows the fan to remember the previous settings. This is a very useful option for maintaining the same air settings as previously used.

Adjust the six fan speeds and also activate the breeze mode, which is ideal for outdoors as the fan speed increases and decreases on

a regular basis providing an intermittent cooling sensation that improves comfort.



Set a timer, being able to program the fan to switch off automatically in one, four or eight hours. This is perfect for people who want to fall asleep with the fan on and have it turn off automatically after a period of time.

Dim the light. Less intense lighting is often needed for watching TV or relaxing with friends, and the control allows you to adjust the light according to your needs at any given moment.

Faro Barcelona controls offer all these options to adapt perfectly to any situation and improve the comfort of our customers.

**Tell us your needs and
we will make it happen.**





FURCO
CNC

FARO
BARCELONA

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ARO
RCELONA



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