

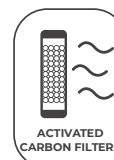
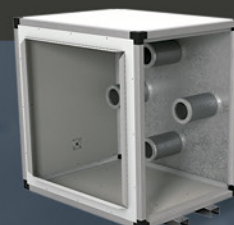
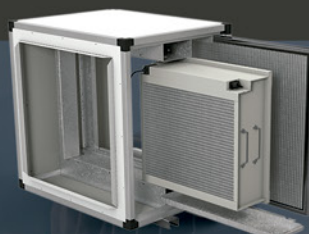
# AIR FILTERING AND CLEANING SOLUTIONS FOR PROFESSIONAL KITCHENS

## CLEANING AND DISINFECTION

*Electrostatic technology*

## ELIMINATION OF ODOURS

*Activated carbon filter technology*





## ECOLOGY UNIT

As part of their continuous commitment towards sustainability, SODECA has developed solutions recognised as Ecology Unit. This equipment is designed to help protect the environment from pollution generated indoors. These environmentally friendly units are the result of SODECA's firm commitment towards innovation with regards to social responsibility and sustainability in terms of the environment, comfort and well-being.

## CLEAN AND FILTERED AIR

Reducing the levels of smoke and odours in industrial kitchens while protecting the environment is possible thanks to the incorporation of electrostatic and activated carbon filter technology in air filtering and cleaning solutions.

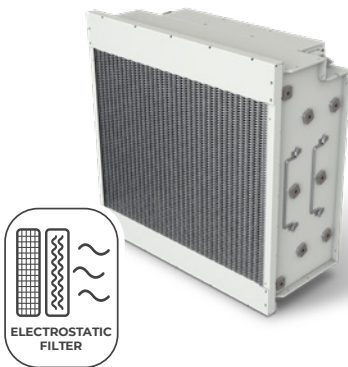
Spaces where a large number of people congregate and with greasy environments require a ventilation system designed for cleaning and filtering the air.

Additionally, SODECA offers solutions that are clearly committed to protecting the environment; they eliminate suspended particulate matter inside kitchens to prevent the dirt in the air from affecting areas near the work zone. Through efficient filtering and disinfection we can clean the air as well as create a healthy environment that is more comfortable for the working team.



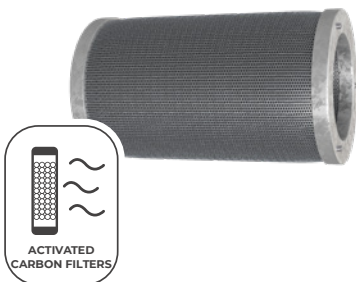
# TECHNOLOGY APPLIED TO **AIR FILTERING AND CLEANING SOLUTIONS**

## **ELECTROSTATIC TECHNOLOGY**



Electrostatic filters (EF) are especially suitable for removing substances such as smoke, grease, oil and pollutants to keep the air clean and protect the environment. The high performance of these filters along with their high capacity for capturing particles results in this equipment operating with a very low load loss and therefore, their energy consumption is very low compared to conventional mechanical filtering systems.

## **ACTIVATED CARBON FILTER TECHNOLOGY**



Activated carbon filters are specifically designed for treating large air flows while minimising load loss. Activated carbon filter technology is ideal for removing undesired pollutants, trapping odours, gases and allergens. This technology is also recommended for purifying pollutants generated by the use and occupation of premises.





## NANDU JUBANY TRUSTS IN SODECA

*"I have been working for more than 20 years in the kitchen and during all this time I was convinced that working in a kitchen means experiencing high temperatures. SODECA has proven me wrong. After installing their extract fans, Can Jubany's kitchen has been completely transformed. Our working environment has improved tremendously"*

*Jubany*

**Nandu Jubany**  
Chef at Can Jubany  
1 Michelin star | 3 Repsol Suns  
[www.canjubany.com](http://www.canjubany.com)

## CAN JUBANY CUISINE THAT COMBINES TRADITION AND INNOVATION

Can Jubany, in Calldetenes (Barcelona), was set up in 1995. Since then, it has received many distinctions and awards for its combination of traditional Catalan cooking and modern culinary trends.

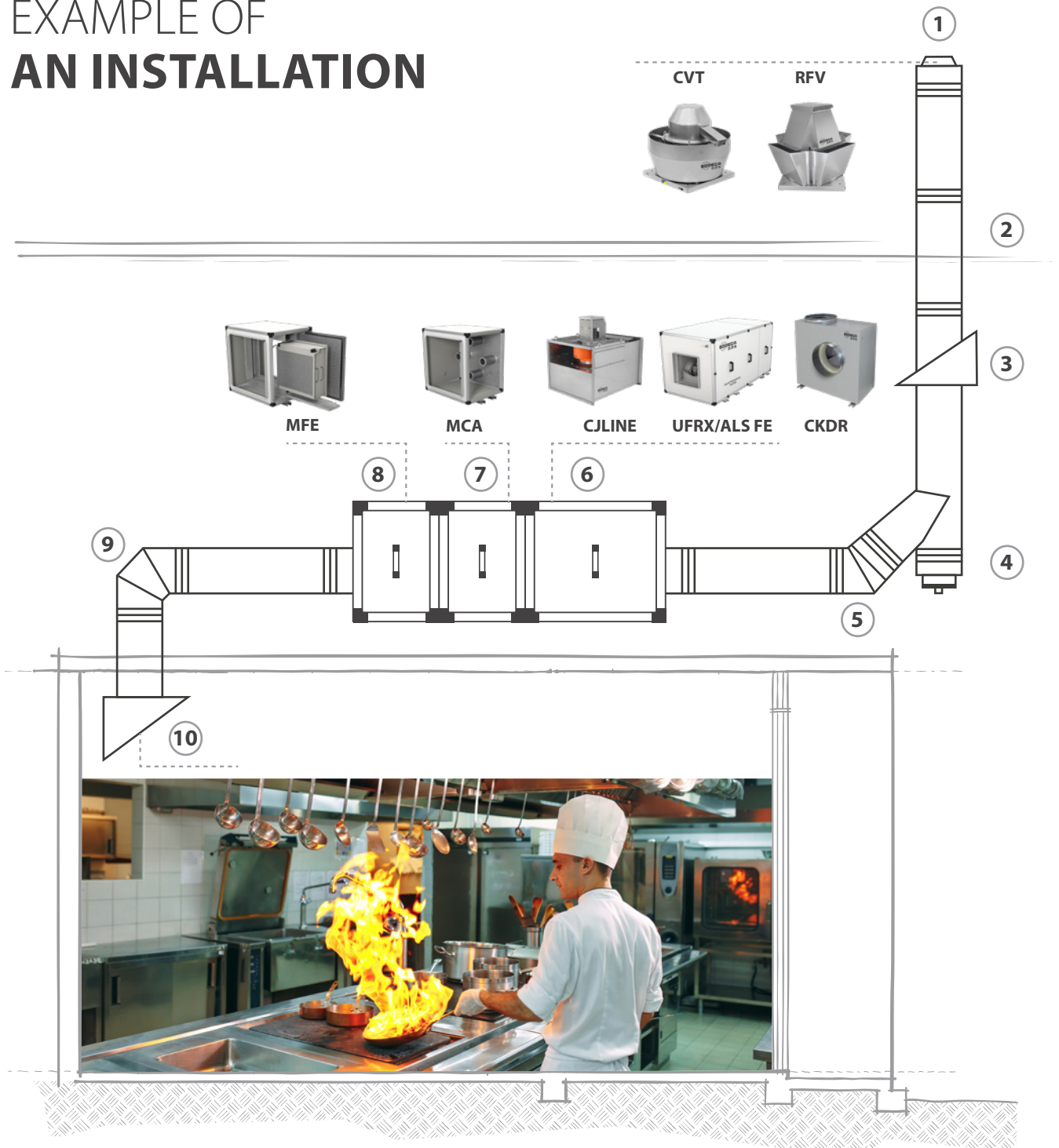
This is how Nandu Jubany's gastronomic proposal has won over new customers day by day, searching for and striking a balance between quality Catalan

cooking and modern, brilliant cuisine with a mix of complexity and subtlety. Under the watchful eye of the chef, local products pass from the forest and garden to the plate, with updated recipes that take into account the tiniest detail and are always prepared with seasonal, local ingredients.

The secret is having a thorough knowledge of popular recipes and a passion for the gastronomic origins that explain why we are what we are, while also not renouncing anything and preparing our own recipes which include both classic and modern proposals. Can Jubany is a pleasure for the senses. It is effort, enthusiasm and passion for good work; an invitation to explore and discover a new concept in the sense of taste.



# EXAMPLE OF AN INSTALLATION



- |  |                            |                                |
|--|----------------------------|--------------------------------|
| 1. Output terminal or roof mounted fan | 4. T-135° module           | 8. Electrostatic filter module |
| 2. Straight duct module                | 5. 45° curved module       | 9. 90° curved module           |
| 3. Adjustable mounting bracket         | 6. Kitchen extract fan     | 10. Kitchen extract hood       |
|  | 7. Activated carbon module |                                |

## INDUSTRIAL KITCHEN FANS



### CKD

F400 extractor fan units with a large door for ease of maintenance and 40 mm acoustic insulation slab



### CKDR

F400 extractor fan units with a large door for ease of maintenance and 40 mm acoustic insulation slab



### CHT

Centrifugal roof fans 400 °C/2h, with horizontal air outlet, aluminum hood



### CVT

400 °C/2h centrifugal roof fans with vertical outlet air, hood in aluminium



### CJLINE

400°C/2h air and smoke extract fan units with linear inlets and outlets



### CJSX

400 °C/2h belt-driven single inlet extractor fan units



### CJDXR/AL

Belt driven ventilation units with aluminium profiles and prefinished sheet steel and acoustic insulation



### TCR/R

400 °C/2h centrifugal extractor fans with backward curved impeller



### UFRX/ALS FE

Air purifying units with high efficiency electrostatic filters. For use in applications with greasy particles

## INDUSTRIAL KITCHEN FANS WITH IE4 EC MOTOR



### CKDR/EC

Extraction units with large door and 40 mm acoustic insulation, equipped with EC Technology IE5 motor



### CVT/EC

Centrifugal roof fans with vertical air outlet, with EC Technology IE5 motor



### UPC/EC FE

Air purifying units with high efficiency electrostatic filters. For use in applications with greasy particles



### CJLINE/EC

Air extraction units with linear inlet and outlet, equipped with EC Technology IE5 motor

## MODULES FOR CLEANING AND DISINFECTING THE AIR



### MFE

Filter units without fans, with high efficiency electrostatic filters



### MCA

Filter units without fans, with active carbon filter cartridges



### MPCO

Filter units without fans, with photocatalysis technology



### MF

Filter units without a fan but with various filter options

## AIR SUPPLY FANS FOR INDUSTRIAL KITCHENS



### CJBD/AL

Ventilation units with aluminum profiles and acoustically insulated pre-lacquered sheet



### CJBD/ALF

Ventilation units with pre-lacquered sheet metal, built-in filter and aluminum profiles



### UFR

Acoustically isolated filtration units, backward impeller fans and different filtration stages depending on the model



### CJPF

In-line ventilation units with high efficiency Plug Fan



### CJBX/ALF

Belt driven ventilation units with pre-lacquered sheet, built-in filters and aluminium profiles



### CJDXR/ALF

Belt driven ventilation units with pre-lacquered sheet, built-in filters and aluminium profiles



### CJK/EC

Ventilation units for circular ducts, with 25 mm acoustic insulation casing, interchangeable covers and EC Technology motor



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