

Set the new standard for kitchen air

Highly
efficient
4 step
cleaning
process



Climecon solutions for professional kitchens

Climecon professional kitchen solutions are based on modern technology and ensure well-functioning, efficient and safe ventilation.

 **CLIMECON**

Ventilation solutions for professional kitchens

Climecon professional kitchen solutions suit every kitchen. Seamlessly mix and match hoods and ventilation ceilings from different categories into a well-functioning entity. All our hoods are available for wall and island installation.

CleanMaster® hoods

Equipped with next generation 4 step cleaning technology. The models are available with supply and capture air, also available with exhaust air only. Inbuilt control unit.

CleanMaster hoods are ideal for high grease emission kitchen appliances like deep fryers, frying pans, and broilers.



StandardPlus hoods

Standard models are equipped with supply and capture air, also available with exhaust air. StandardPlus hoods can later be equipped with CleanMaster® technology if the level of use or function of the kitchen change over time.

StandardPlus hoods are ideal for appliances that produce less grease ex. ovens, commercial kettles.



StandardPlus Condensate

Condensate series is for dishwashing and appliances which only produce steam.

Standard hoods

Freely dimensioned Standard hoods fit kitchens and dining areas for the appliances that produce low amounts of steam and grease emissions.

Standard hoods are also ideal to be used with appliances that are connected directly to a chimney ex. charcoal grills.

Options:

- OptiLumo LED luminaire
- CRO Exhaust air device (125-315mm) with washable stainless steel grease filter



Ventilation ceiling solutions

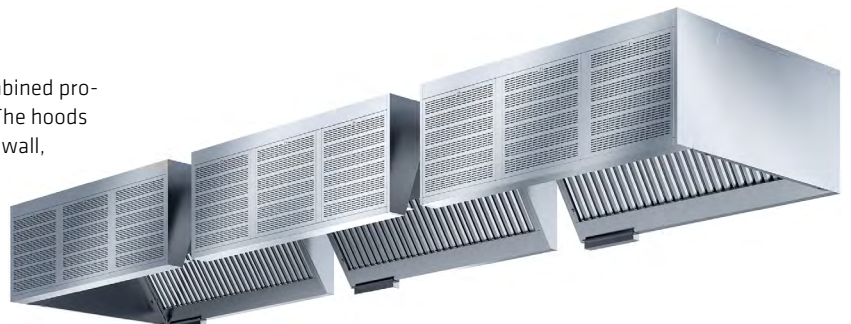
Climecon's ceiling ventilation solutions include a wide selection of different ventilation units like supply air, capture air, exhaust air units and air curtain units that prevent dirty air from spreading outside the frying stations. Ceiling ventilation solution can be equipped with dampening elements that silences efficiently noises and improves working conditions.

Available with CleanMaster or StandardPlus technologies.



Modular selection

All of our kitchen air ventilation appliances are easily combined providing the ultimate combination exactly for your needs. The hoods can be designed with a capture space with no separating wall, which turns the entity into a stylish unified whole.



Kitchen and dining area ventilation

In addition to kitchen hoods and ventilation ceilings our selection contains a complete range of products for dining rooms and auxiliary facilities.



CRO

Exhaust air device with a washable grease filter



CTO

Supply air device



DINO-T

Low velocity supply air unit



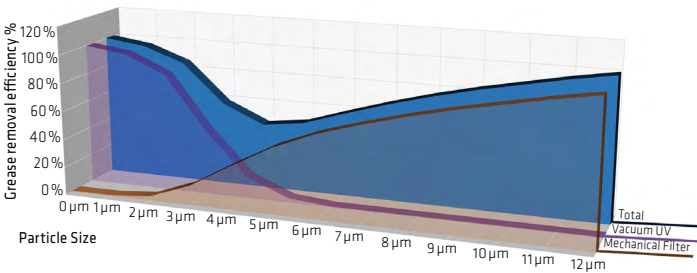
UltraCarbon

Chemical air purifier for professional kitchens, restaurants and food industry. UltraCarbon cleans particles, odors and exhaust fumes.

Remarkable advantages of CleanMaster® solutions

High-performance mechanical grease filtering combined with second generation vacuum UV and ozone separate up to 99 % of the total grease mass produced in the cooking process.

Climecon CleanMaster® Grease removal efficiency



4 phase grease removal

1. Mechanical grease filtering

An efficient way of filtering sizeable grease particles

2. Vacuum UV

High-efficiency grease degradation

3. Conventional UV-C

Disinfection and degradation of smaller grease particles

4. Ozone-treatment

neutralizes foul odors and ozonolysis keeps the ducts clean



OptiLumo

The most sophisticated, state of the art luminaire for commercial kitchens. Luminance from the light is distributed through high-quality optics providing excellent light at the working station without dazzle-effect. Available with DALI, KNX. The best available luminaire for professional kitchens.

Fire safety first

All Climecon hoods and ventilation ceilings are compatible with ANSUL. Flame protected grease filters meet the DIN 18869-5 requirements of fire restraining.

Fire safe structure with unified fire obstruction, minimized fire load and no cringles. Flush-mounted luminaire are separated from the capture space with a tempered glass (IP56).

EasyClean

The parts are made from stainless steel (AISI 304) and are easy to clean - no tools needed. Grease filters and supply air grilles can be washed in a dish washer.



All the hood surfaces can be swept clean and the grease chambers are easily accessible.



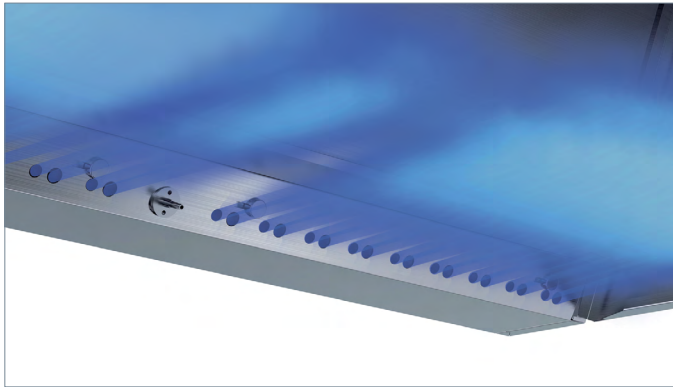
Easily removable supply air grilles have stylish perforations and can be washed in a commercial dish washer.

Effective heat recovery

CleanMaster® hoods can be used in connection with heat recovery ventilation (HRV), which significantly reduces the energy costs of the premises.

AirBoost capture air technology

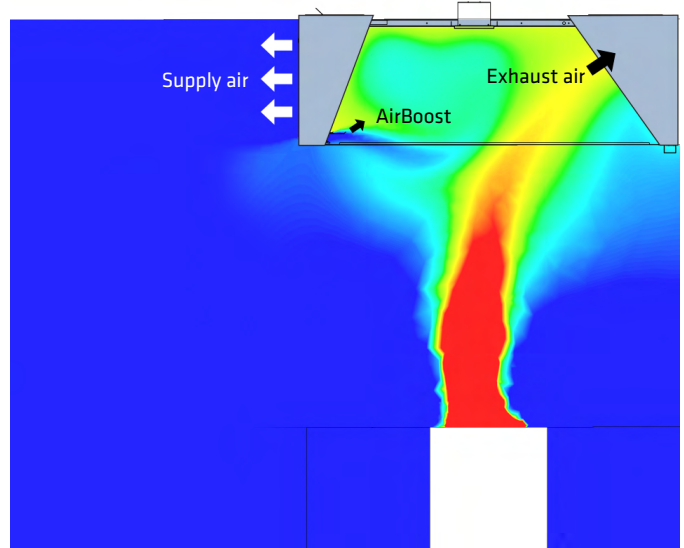
The AirBoost capture air technology directs grease fumes to the grease filters. Up to 30 % more efficient performance even in the most challenging conditions.



Easily adjustable Climecon AirBoost capture air technology directs the grease fumes directly to grease filters more efficiently.

Data integration

Connectivity with building automation and local monitoring. BAS connectivity and a user-friendly interface. Airflow and other data such as service interval, lamp life-time ex. information for building automation via ModBus RTU, ModBus TCP and physical points (voltage and/or potential free).



Supply and capture air function are CFD simulated to provide the perfect laminar air flow.

The sustainable choice

- 100 % NOx free
- Extremely long-life UV-tubes (up to 16 000h)
- Minimized plastic usage in the product
- 100 % recyclable Aisi304
- ROHS and WEEE certified

Climecon design services

We offer free-of-charge consulting services via our global partners.

- Hood selection
- Dimensions and drawings (3D, IFC, DXF)
- Airflow and pressure drop data
- Sound pressure values
- Lightning design

Up to 40 % faster, easier, and more reliable designing with Climecon MagiCAD plugin

For selecting hoods and ceiling ventilation solutions in professional kitchens as well as air flow dimensioning

- Based on actual, measured performance and CFD-simulation of the devices
- Developed in cooperation with Progman
- 3D objects with spigots and duct connection points
- Objects include calculated airflow, pressure drop, and sound pressure information in MagiCAD Node
- for AutoCAD and Revit



climecon.fi

Climecon is a building services company that develops, designs and manufactures high-quality ventilation solutions. Our product range includes supply air diffusers, hoods for professional kitchens, and chemical air purification solutions that we deliver to dwellings, schools, commercial facilities, and industrial premises.

