

JIMCO[®]

UV-C & OZONE
Technology



MAC500s

CLEAN ENVIRONMENT
USING THE FORCES OF NATURE





INNOVATION AND DRIVE

Jimco A/S is the company behind some of the world's most unique air purification and surface disinfection solutions.

Since designing its very first air-cleaning unit in 1993, Jimco A/S has not looked back. Today, the company supplies its products to a large number of industries and institutions worldwide. Its customer base comprising factories within the food industry, commercial kitchens, schools and nursing homes.

In brief, Jimco A/S undertakes all types of projects – large and small.

Jimco A/S combines common sense with innovative thinking as the basis of the company's unique products. It is no coincidence that Jimco A/S supplies air-treatment units to some of the biggest chains in the world – including Marriott, Hilton, Hyatt, Jollibee, KFC, TGI Fridays, Burger King, Radisson, Google and of course a lot of McDonalds restaurants.

PERMANENTLY SOLVE ODOR PROBLEMS WITHOUT THE USE OF CHEMICALS

Even though a room is well-ventilated, odor problems can be difficult to remove.

With MAC500s, you can permanently solve any kind of odor problem and without the use of chemicals.

NEW FEATURES ON MAC500S

- ✓ Improved and very silent fan, to accommodate the use in silent areas like bedrooms.
- ✓ The red lamp (on/off) lights to indicate that the appliance is switched on.
- ✓ Switch between high and low speed. A red light indicates when the fan is running at high speed.
- ✓ Built-in fan speed timer. Switches fan speed between 8 and 16 hours.
- ✓ When there are 500 operating hours left, the On / Off lamp will start to flash.



EASY TO INSTALL

MAC500s must be installed high in the room - on a bookshelf, wall or ceiling and is applicable everywhere.

TECHNICAL DATA

UV lamp: 1x8 w
Voltage: 230V
Power consump: 25w room area 60 m³
Operating lamp: 8000 hours
Length: 310 mm · Height: 90mm · Width: 90 mm

MISSION

To increase the awareness of environmentally friendly solutions and to accelerate their implementation thus striving to make the world chemical-free without compromising the result.

JIMCO A/S use the forces of nature to re-create an environmentally friendly chemical-free process for air purification, water purification and surface disinfection which is applicable in many different industries.

We fight VOC's, bacteria, viruses, mold, yeast, food waste, chemicals, fire risk, bad odor through our environmentally friendly solutions and our customers can achieve far better results using our products than using chemicals.

**QUALITY
TESTED**

**THE ORIGINAL
KPC PRODUCT**

**RELIABLE
PARTNER**

**25 YEARS
EXPERIENCE**

VISION

To make our environmentally friendly solutions available all over the world for all industries and households.

To educate people, governments, and authorities on the substitute solutions with better, faster and environmentally friendly results rather than chemicals.

To have a chemical-free world without compromising the result.

FRESH AIR

- AND ELIMINATION OF BACTERIA

JIMCO A/S recommends placing a MAC500s in all rooms and areas where people are present and especially where the risk of disease spreading is high.

The MAC500s has to be placed as high as possible in the room and can cover an area of 60 m³.



MAC500s

reduces the amount of bacteria, viral disease, mould and fungi within the room and does not produce any NO_x.

MAC500s

reduces indoor air pollution and eliminates the sources of headaches, respiratory problems, fatigue, COPD and asthma.

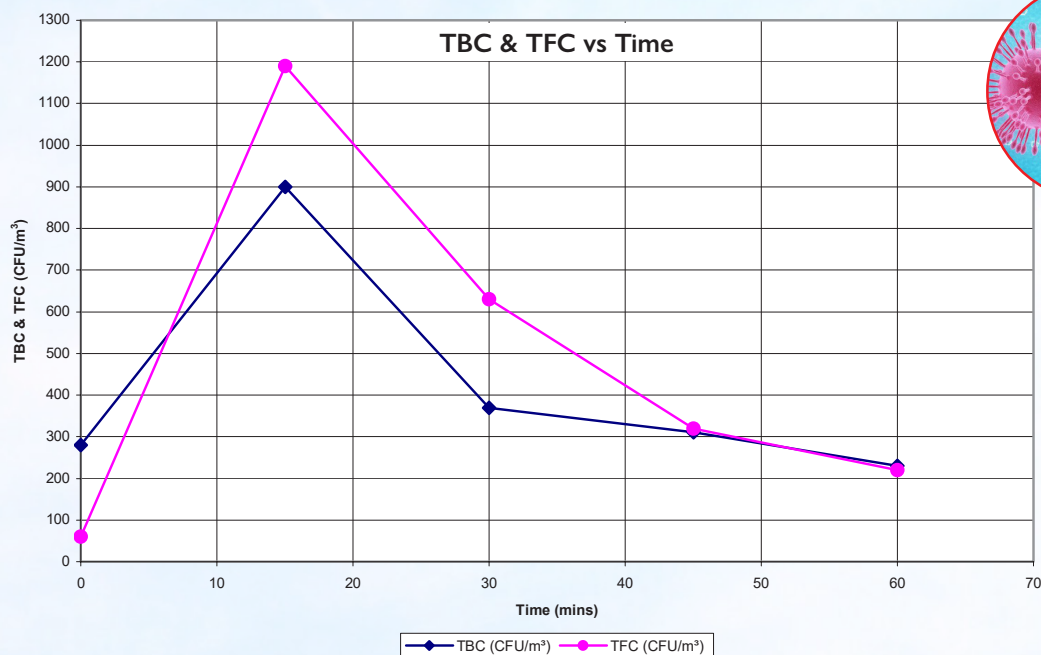
MAC500s

is designed to effectively decrease the spreading of any disease in rooms and areas where people are present

TOTAL BACTERIAL COUNT (TBC) AND TOTAL FUNGAL COUNT (TFC)

Cumulative Time (mins)	TBC (CFU/m ³)	TFC (CFU/m ³)	SIAQG (CFU/m ³)
0	280	60	TBC: 500 TFC: 500
15	900	1190	
30	370	630	
45	310	320	
60	230	220	

Bacteria and fungal is added to the room after 15 minutes and for the next 45 minutes the MAC500s reduces count of both dramatically.



JIMCO MAC500S AIR CLEANER TESTIMONIAL

Hi my name is Helen Shepherd and live in Lincolnshire UK, this is the story of my son Jake

My son, Jake, is a normal 10 year old boy and loves football. But Jake has found exercise hard work as he suffers from chronic asthma. He was diagnosed with asthma at the age of 2 and, up until recently, he has always been on steroid tablets twice a day - first thing in the morning and last thing at night, and was using a steroid inhaler and his Ventolin inhaler every 4 hours.



Jake has always struggled to sleep at night and we have never been able to find a way to help him to stop coughing and breathe more easily - to get the rest he needs. However, things changed for Jake when we were introduced to AirOzone Technologies Ltd sole distributor of the MAC500s air cleaner in the UK. After listening & understanding Jake's problems Jake started to use the MAC500s as instructed by ATL. I started by keeping Jake on all of his medication and having the MAC500s running all the time in his room throughout the day and night.

We soon noticed Jake had started to improve and was not having to use his Ventolin as much throughout the day or night. After a week using

the MAC500s we stopped giving him his steroid tablets in the morning and dropped the MAC500s usage down to being on just in the afternoon and at night only. To my amazement Jake was still stable. After another couple of weeks he maintained his stability so I decided to stop giving him his steroid tablets at night as well. He still remained stable! By this time Jake had also stopped using his Ventolin inhaler as he felt so much better and could breathe a lot easier - even on the football pitch. Jake has now stopped using any of his medication for his asthma and has remained stable. Whilst we always keep his health under review, the only thing we use is the MAC500s - at night only.

The MAC500s has given Jake a fresh start. Before we started using the air cleaning unit, Jake had never been stable for long periods and had never slept through the night without waking up and coughing. Jake now feels a lot happier and healthier in himself since using the MAC500s, and he's able to give 100% to his team mates on the pitch. Since using the air purifying unit Jakes peak flow has gone from 200 to 350.

I would highly recommend the MAC500s to others!

Helen Sheperd



CLEAN AIR



ENVIRONMENTALLY FRIENDLY
AIR PURIFICATION



NO USE OF CHEMICALS



REDUCES FUNGAL SPORES

COLD STORAGE



AVOID FOOD LOSS

WITH ENVIRONMENTALLY FRIENDLY
UV-C TECHNOLOGY



REFERENCE FROM CAROLINE MÆRSK

Caroline Mærsk has had MAC500s UV-C installed for the past 3 years in the cooling room, where milk, fruit, vegetables and other temperature sensitive products are stored.

Our experience aboard with the MAC500s air cleanser is the following:

We experience a significant longer durability of fruit and vegetables, thus reduced waste goods.
The smell is always comfortable in the cooling room.

Poul Engers Pedersen
Captain

Permanently solve any kind of odor problem without the use of chemicals.

The odor will not return, unless the source of the odor is still present.

Reduces the amount of bacteria, viral disease, mould and fungi and does not produce any NOx.

Eliminates the sources of headaches, respiratory problems, fatigue, COPD and asthma.

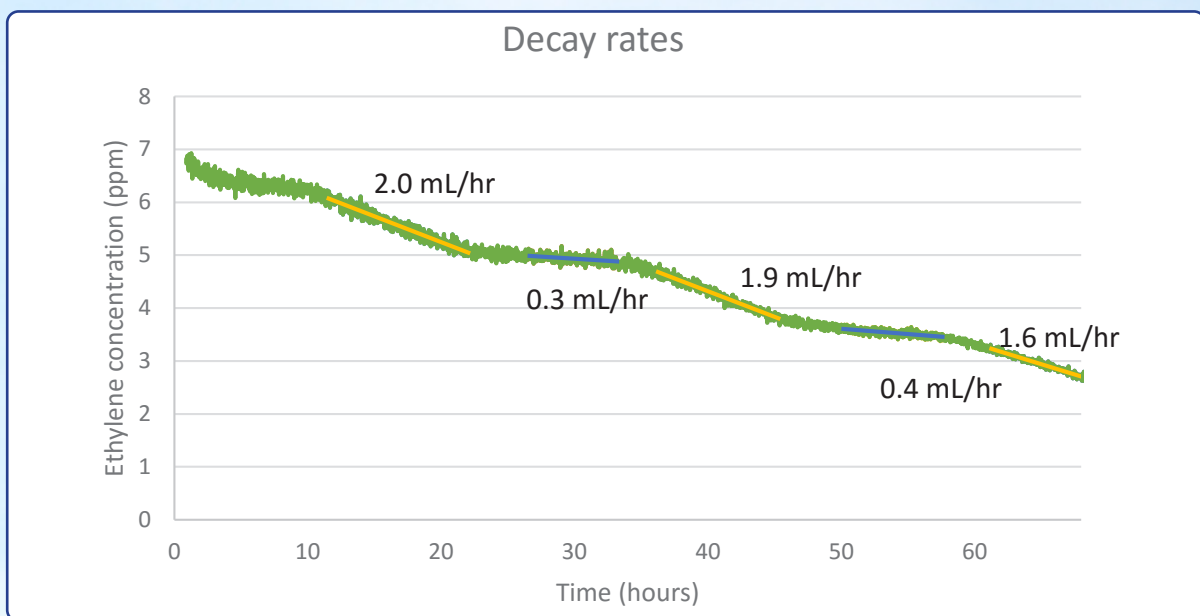
more
information
on jimco.dk

AVOID FOOD LOSS

DURING TRANSPORTATION AND WHILE STORING FOOD

JIMCO A/S has conducted a test with a recognized, certified, third-party institute in Denmark. We have tested the reduction of ethylene gasses with using the JIMCO air purifier MAC500s.

The test concludes that our technology will reduce ethylene gasses substantially. This can be used to extend the life of fruit and vegetables. Ethylene is produced from essentially all parts of higher plants, including leaves, stems, roots, flowers, fruits, tubers, and seeds. Ethylene is speeding up the ripening process and, in the end, it will make fruit and vegetable rotten faster.



Decay rates in milliliter per hour determined for when the air cleaner is on (yellow) or off (blue). The decay rate in percentage is between 1.5% and 2.0%.

TREATMENT WITH & WITHOUT UV-C PRODUCED OZONE





UV-C AND OZONE SOLUTIONS FOR THE FUTURE
EUROPE · SOUTH AMERICA · NORTH AMERICA · AFRICA · ASIA · MIDDLE EAST

JIMCO TECHNOLOGY REFERENCES

