

JIMCO®

UV-C & OZONE  
Technology



ENVIRONMENTALLY FRIENDLY

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 and waste-water purification and sterilisation 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 MAC500, 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

MAC500 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 m<sup>3</sup>  
Operating lamp: 8000 hours  
Length: 310 mm · Height: 90mm · Width: 90 mm

# MISSION

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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

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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 MAC500 in all rooms and areas where people are present and especially where the risk of disease spreading is high.

The MAC500 has to be placed as high as possible in the room and can cover an area of 60 m<sup>3</sup>.

### MAC500

reduces the amount of bacteria, viral disease, mould and fungi within the room and does not produce any NO<sub>x</sub>.

### MAC500

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



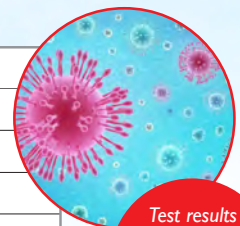
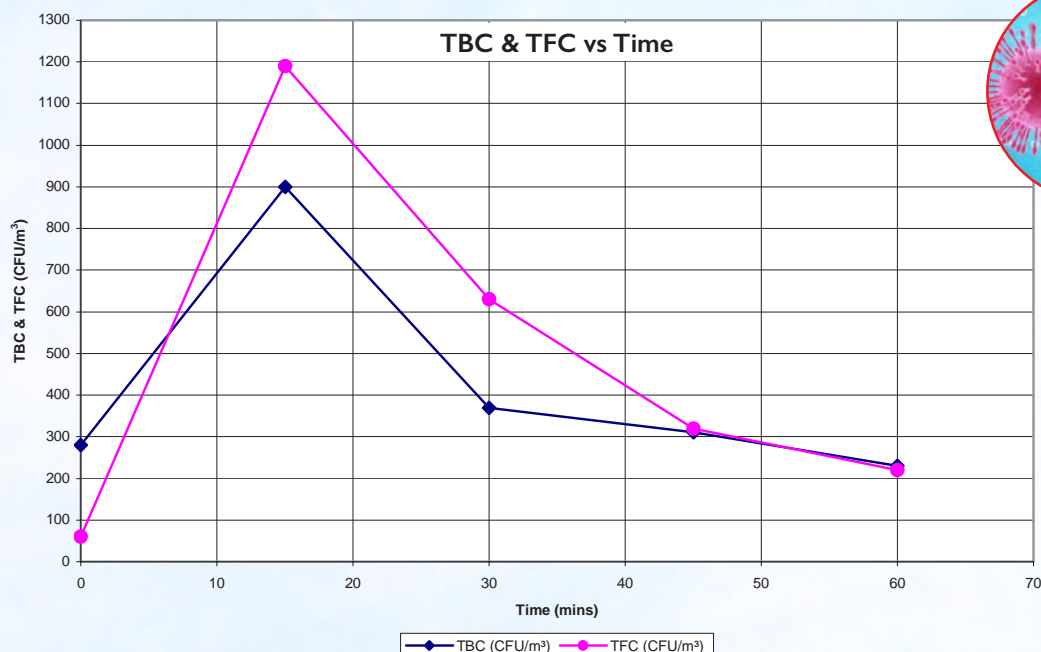
### MAC500

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 <sup>3</sup> )	TFC (CFU/m <sup>3</sup> )	SIAQG (CFU/m <sup>3</sup> )
0	280	60	<b>TBC: 500 TFC: 500</b>
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 MAC500 reduces count of both dramatically.



Test results  
provided by  
Analytical  
Laboratories,  
Singapore



# JIMCO MAC500 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 MAC500 air cleaner in the UK. After listening & understanding Jake's problems Jake started to use the MAC500 as instructed by ATL. I started by keeping Jake on all of his medication and having the MAC500 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

MAC500 we stopped giving him his steroid tablets in the morning and dropped the MAC500 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 MAC500 - at night only.

The MAC500 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 MAC500, 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 MAC500 to others!

*Helen Sheperd*



**CLEAN AIR**



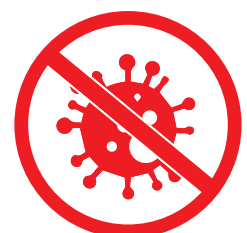
**EASIER BREATHING**



**ENVIRONMENTALLY FRIENDLY  
AIR PURIFICATION**



**NO USE OF CHEMICALS**



**ELIMINATE MOULD**

COLD STORAGE

# AVOID FOOD LOSS

WITH ENVIRONMENTALLY FRIENDLY  
UV-C TECHNOLOGY



## REFERENCE FROM CAROLINE MÆRSK

Caroline Mærsk has had MAC500 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 MAC500 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.

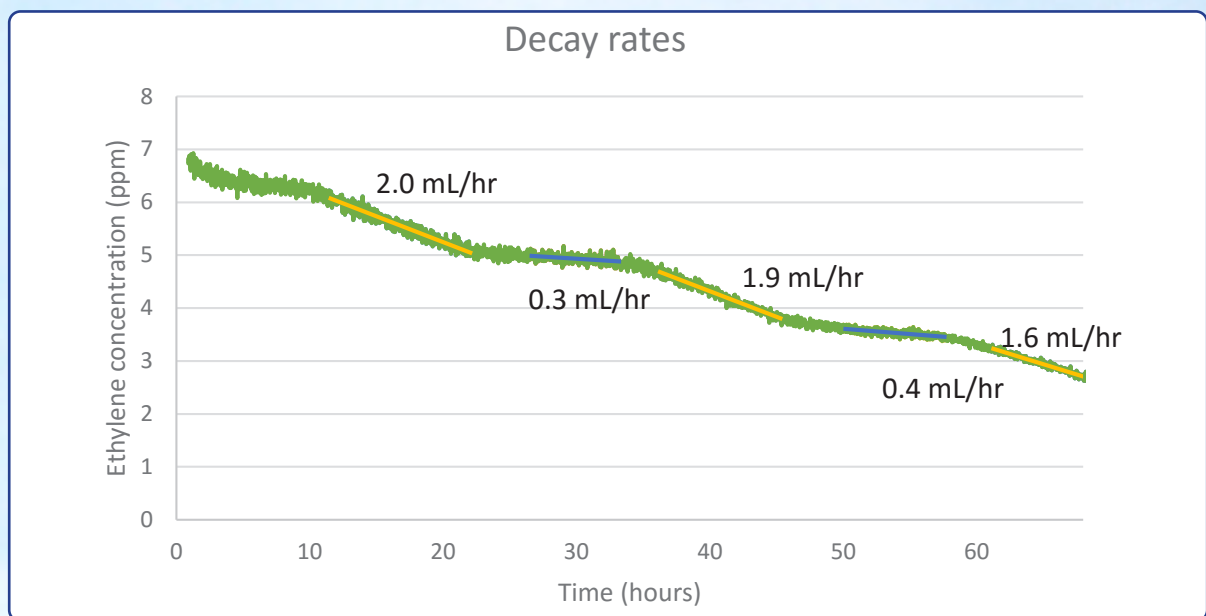
more  
information  
on [jimco.dk](http://jimco.dk)

# AVOID FOOD LOSS

## DURING TRANSPORTATION AND WHILE STORING FOOD

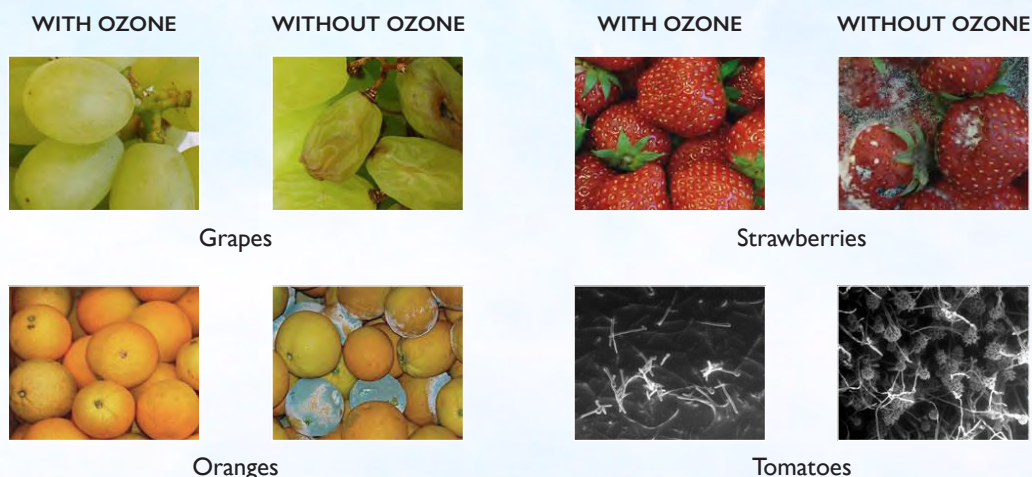
JIMCO A/S has conducted a test with a recognized, certified, third-party institute in Denmark. We have tested the reduction of ethylene gasses with using the JIMCO air purifier MAC500.

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 · USA · ASIA · MIDDLE EAST

### JIMCO TECHNOLOGY REFERENCES



Line ID : AS FRIIS LTD



AS Friis Ltd.

34/11 Phatthana Wet 8, Sukumvit Soi 71, Khwaeng Phra Khanong Nuea, Watthana, Bangkok 10110  
Tel: +66 20 95 56 95, Fax: +66 20 95 56 90, email: info@as-friis.com, Website:www.as-friis.com