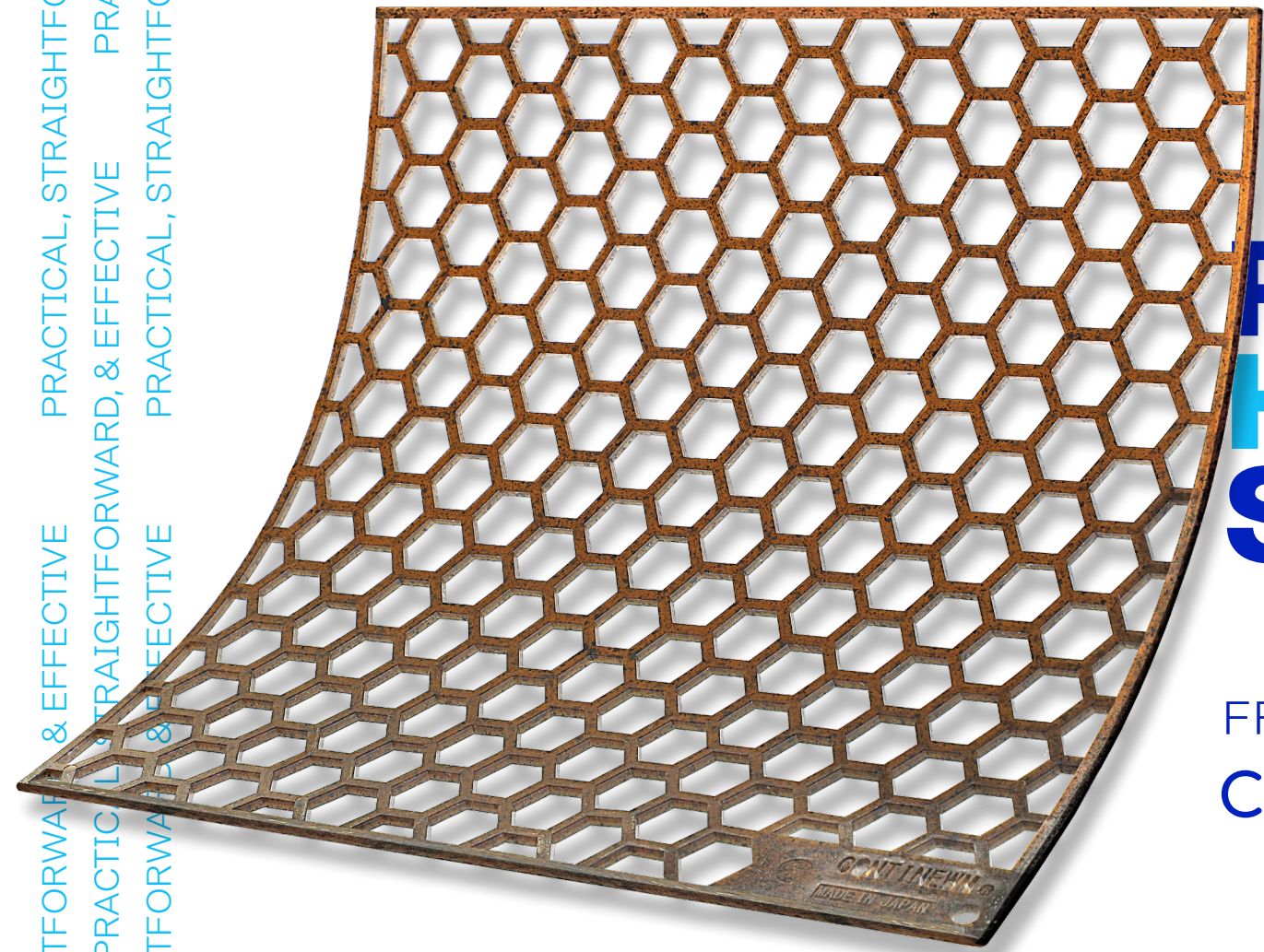


PRACTICAL, STRAIGHTFORWARD, & EFFECTIVE
PRACTICAL, STRAIGHTFORWARD, & EFFECTIVE
PRACTICAL, STRAIGHTFORWARD, & EFFECTIVE
PRACTICAL, STRAIGHTFORWARD, & EFFECTIVE
PRACTICAL, STRAIGHTFORWARD, & EFFECTIVE



PATENTED HVAC ENERGY SAVING NETS

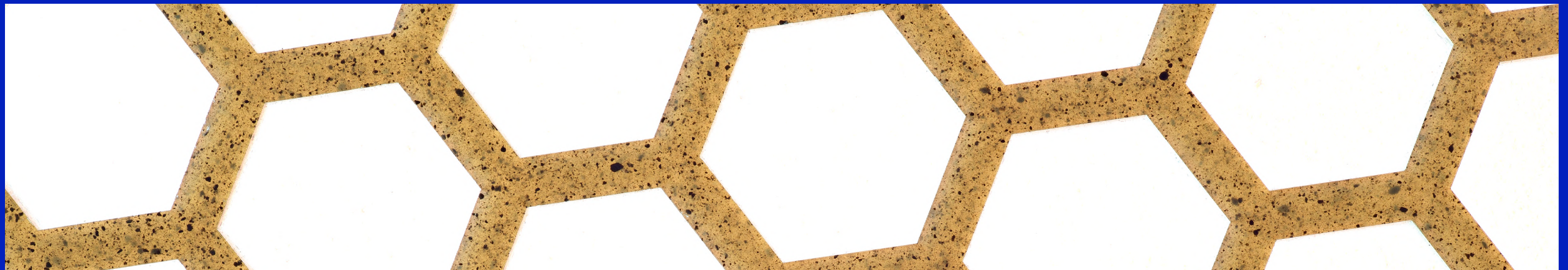
FROM
CONTINEWM[®]

AIR TREATMENT TECHNOLOGY

NO MECHANICS

NO ABSORPTION

NO ELECTRONICS



KEY BENEFITS



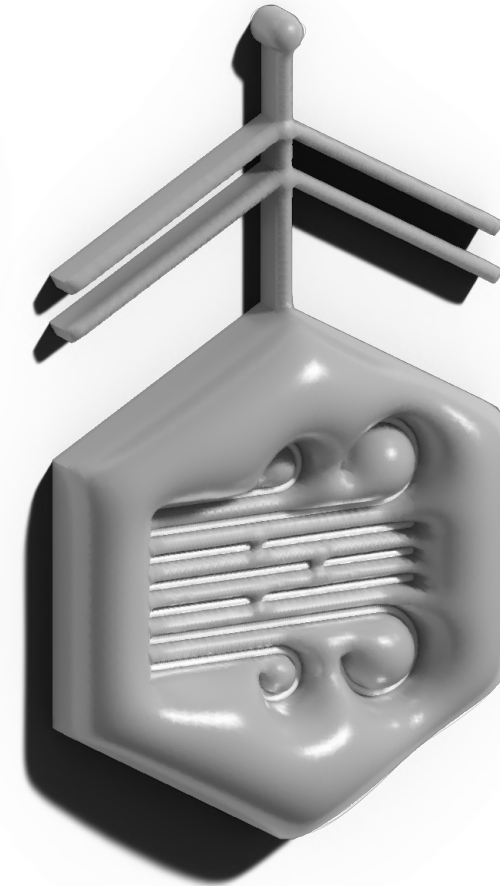
ENERGY EFFICIENCY

Up to 25%*



IMPROVED AIR QUALITY

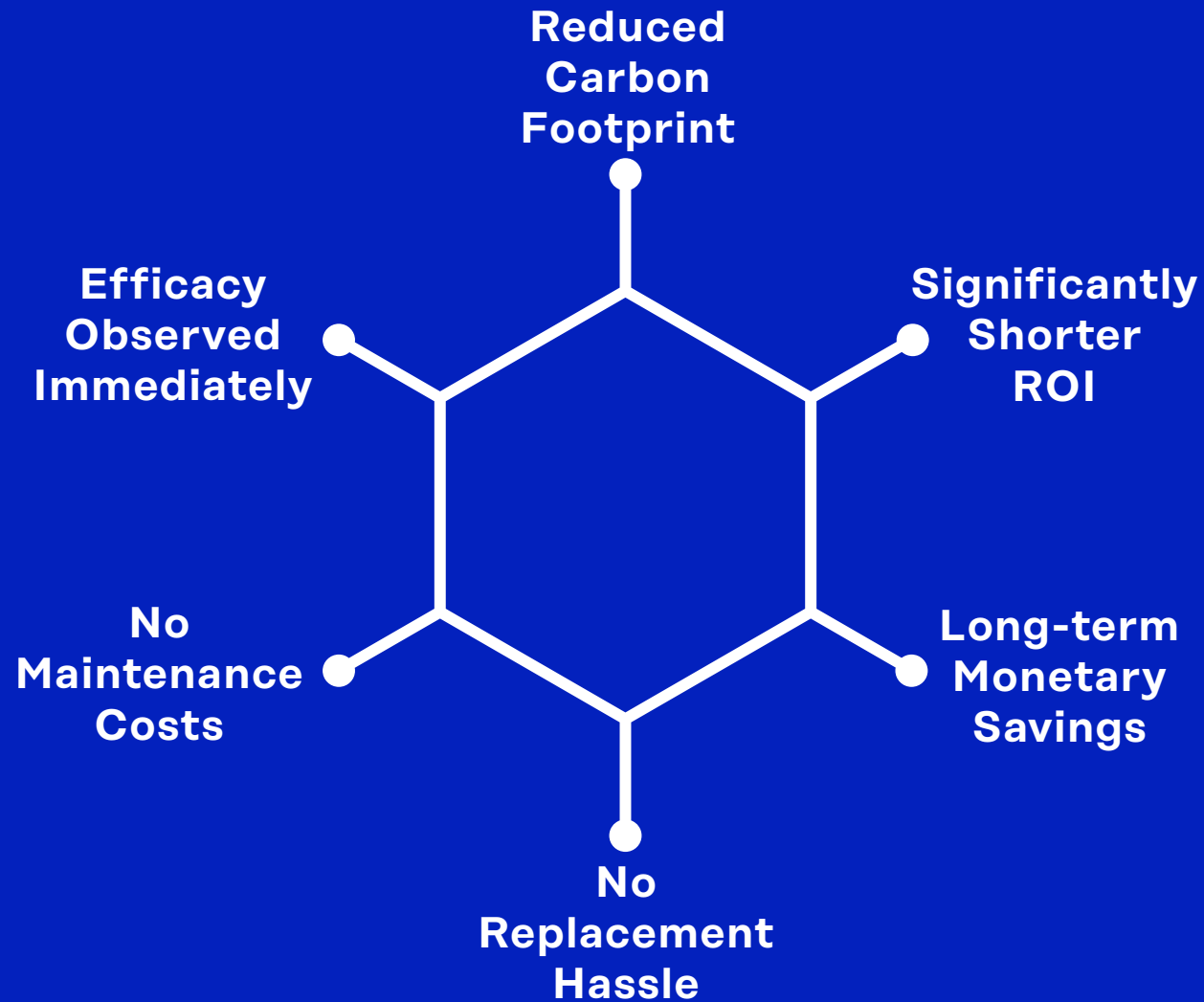
20-40%*



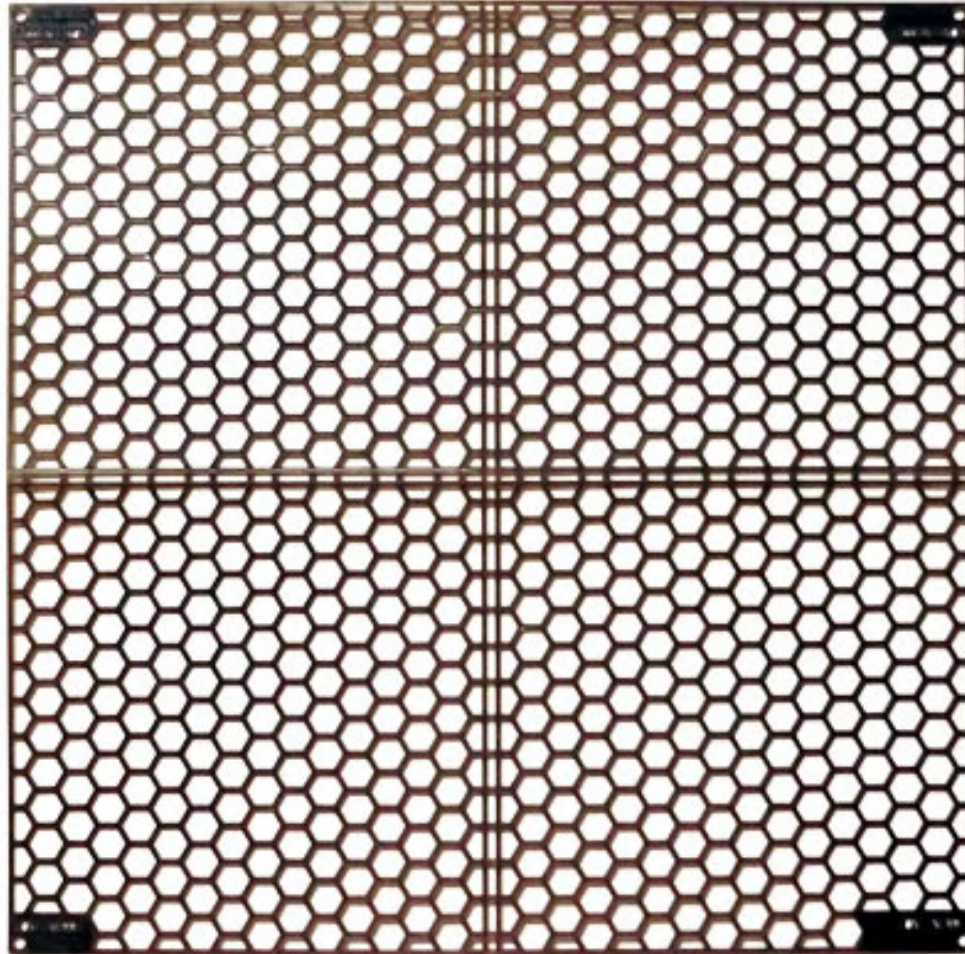
HOMOGENEOUS TEMPERATURE

Up to ~2°C*

OPERATIONAL BENEFITS



SPECIFICATIONS



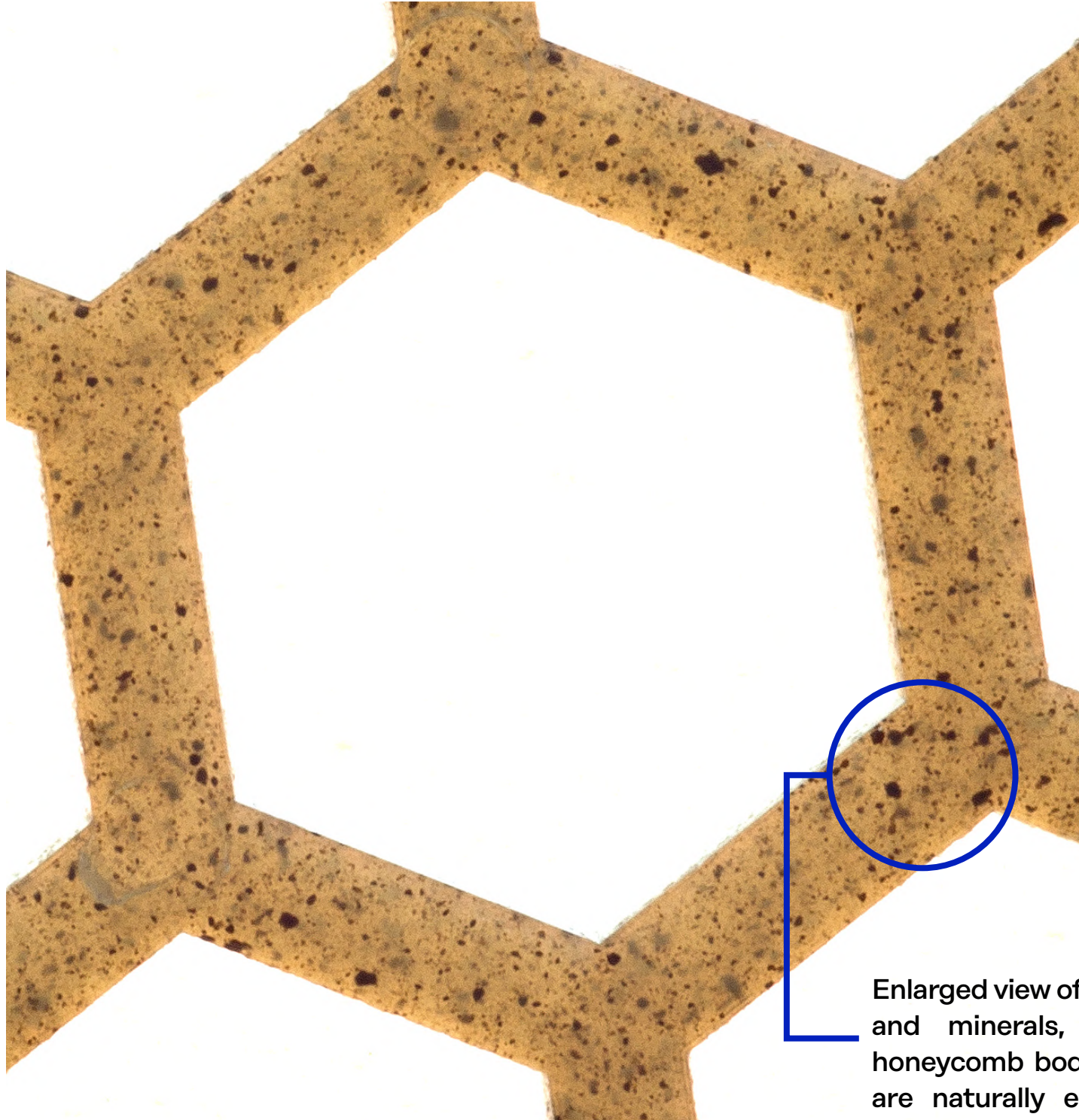
5th Generation CONTINEWM® Net

Size 49 cm x 48 cm x 0.26 cm

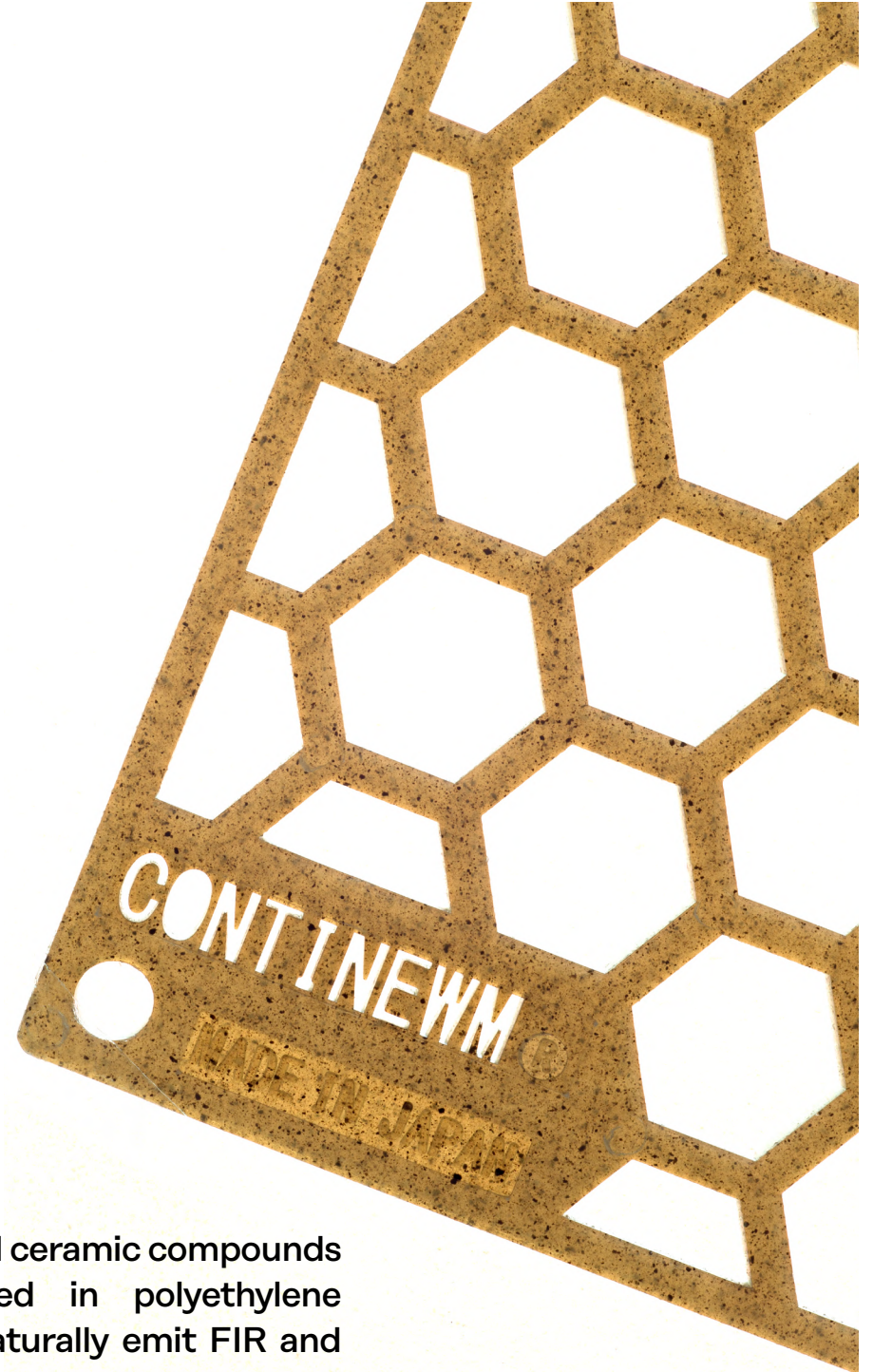
Weight 220 grams

Material Patented Ceramic Compounds and Minerals embedded in Polyethylene Honeycomb Body

Properties Emission of Far Infrared Rays and Electronegativity



Enlarged view of patented ceramic compounds and minerals, embedded in polyethylene honeycomb body, that naturally emit FIR and are naturally electronegative.





JAPAN PATENT

Since 2012

No. 1597440



USA PATENT

Since 2021

No. US11846437 B2

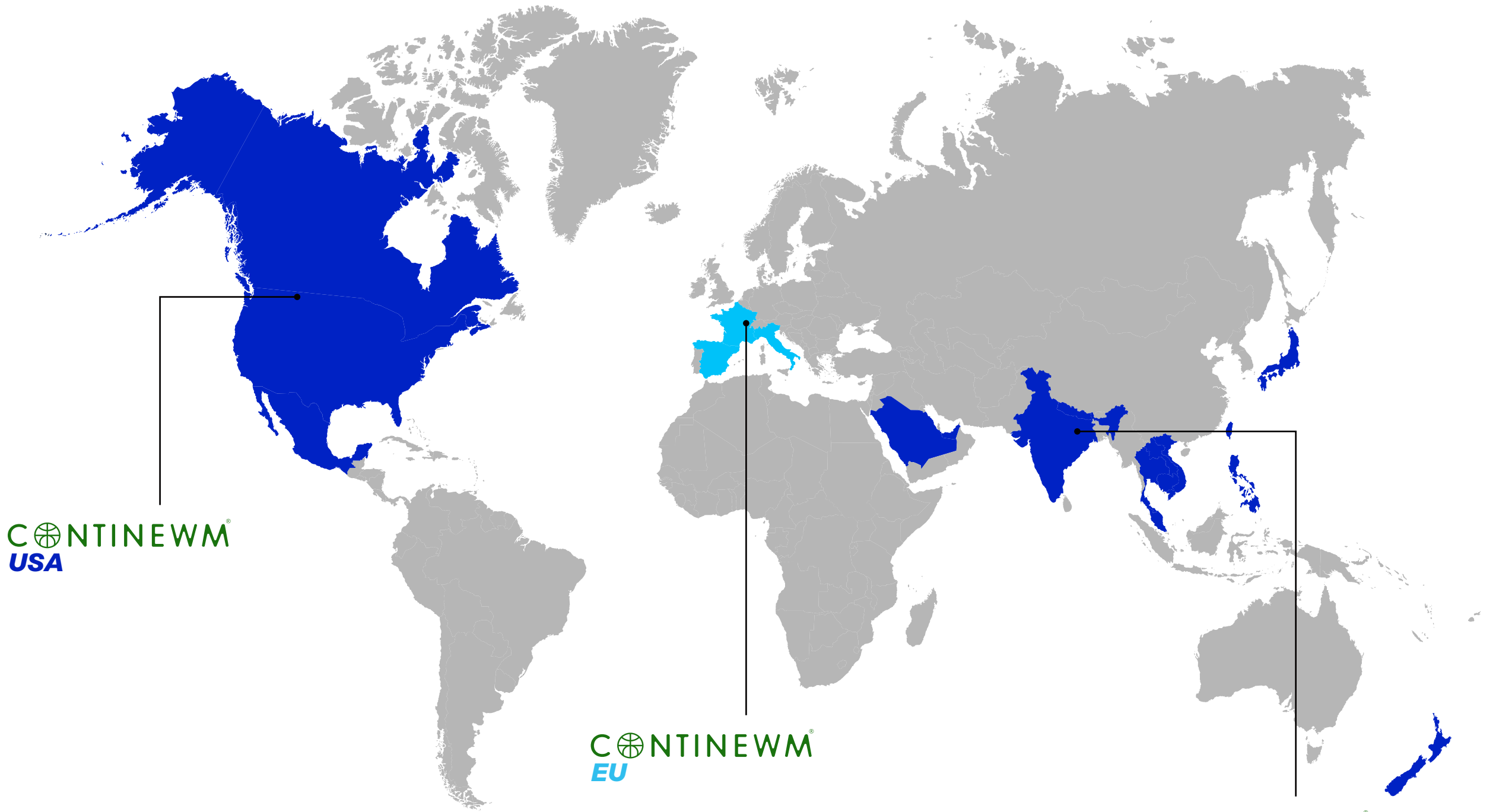
Prof. Ryuji Sakai, the inventor and owner of CONTINEWM[®], created this unique product using **special ceramic compounds and minerals**.

He invented **Cell Fresh Net in 2012**, and since then the technology has improved multifold to become **CONTINEWM[®] Nets** since 2016.



Prof. Ryuji Sakai

Inventor & Owner - CONTINEWM[®]



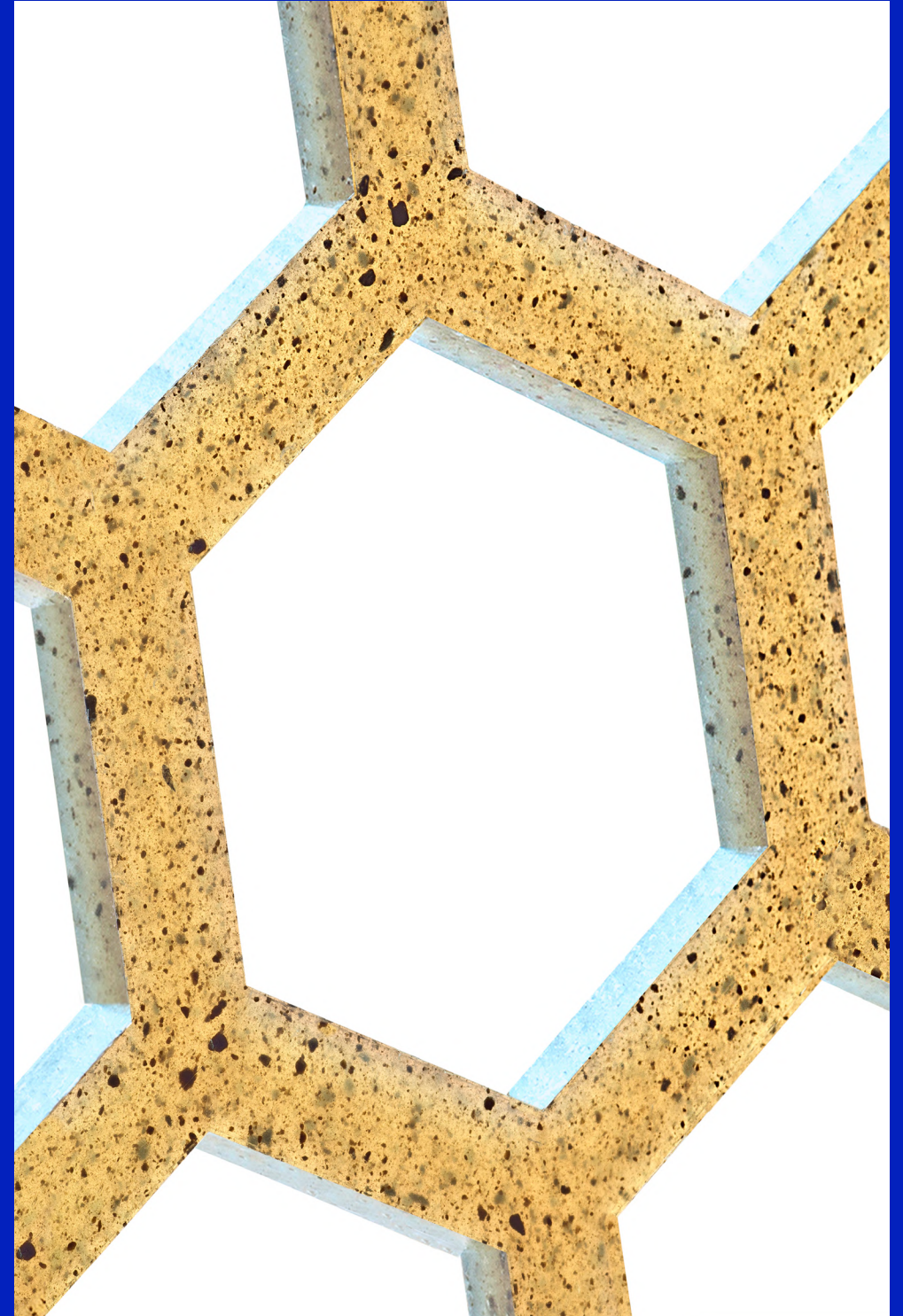
CONTINEWM[®]
USA

CONTINEWM[®]
EU

CONTINEWM[®]
ASIA & MIDDLE EAST

38+ COUNTRIES, AND COUNTING

THE MOST PRACTICAL,
STRAIGHTFORWARD, &
EASY AIR TREATMENT
TECHNOLOGY TO
***REDUCE HVAC ENERGY
CONSUMPTION***
&
IMPROVE AIR QUALITY



NO

MAINTENANCE

REPLACEMENT

HASSLE

SIMPLE

RETROFIT

APPLICATIONS



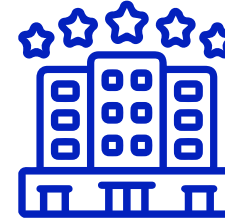
Factories



Hospitals



Data Centers



Hotels



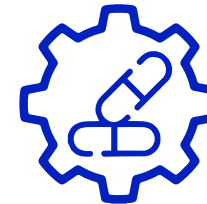
Commercial Properties



Airports



Malls



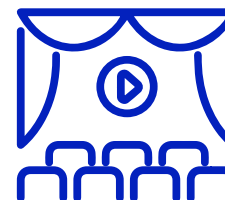
Pharma Industry



Schools



Cold Rooms



Convention Centers

VERSATILE COMPATIBILITY ■

**SPECIALLY DESIGNED TO FIT ALL TYPES
OF COMMERCIAL & DOMESTIC
AIR CONDITIONING UNITS**

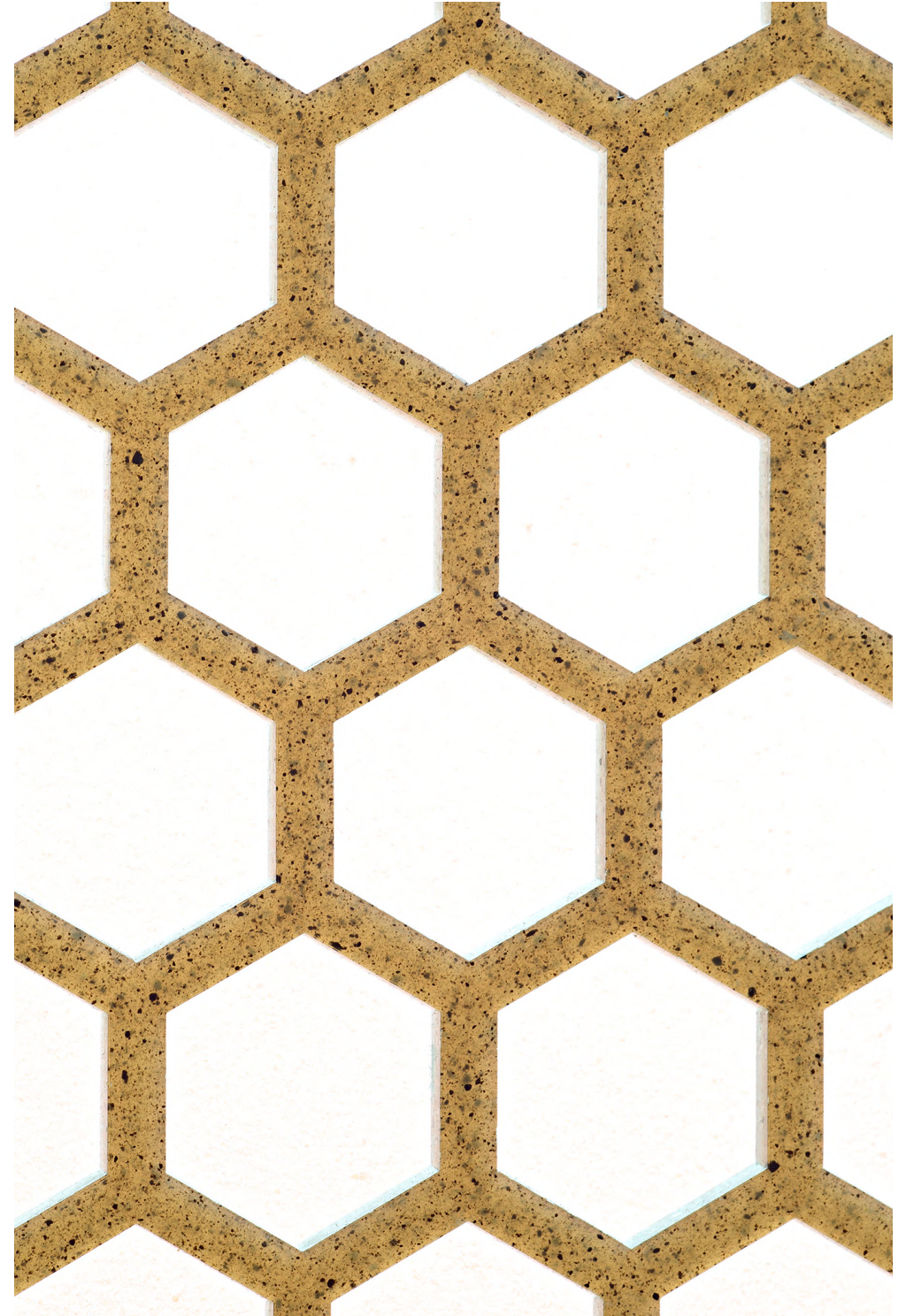
Including, but not limited to:

- Fan Coil Units (FCUs)
- Air Handling Units (AHUs)
- Precooled Air Units (PAUs)
- Rooftop Units (RTUs)
- Floor mounted units
- Ceiling mounted units
- Cassette units
- Wall mounted units
- Split units

HOW DOES IT WORK?

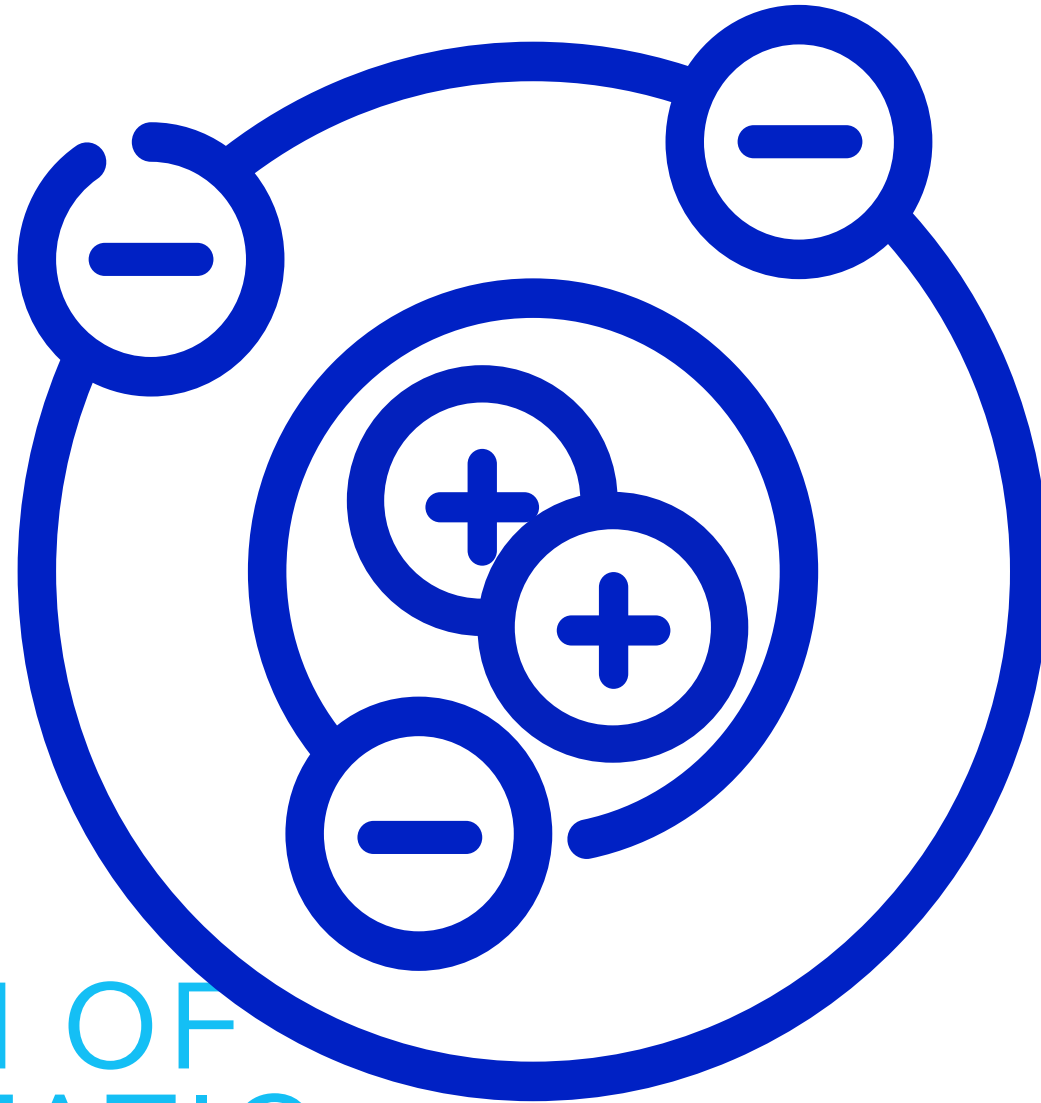
2024-2025

www.nets-energy.com



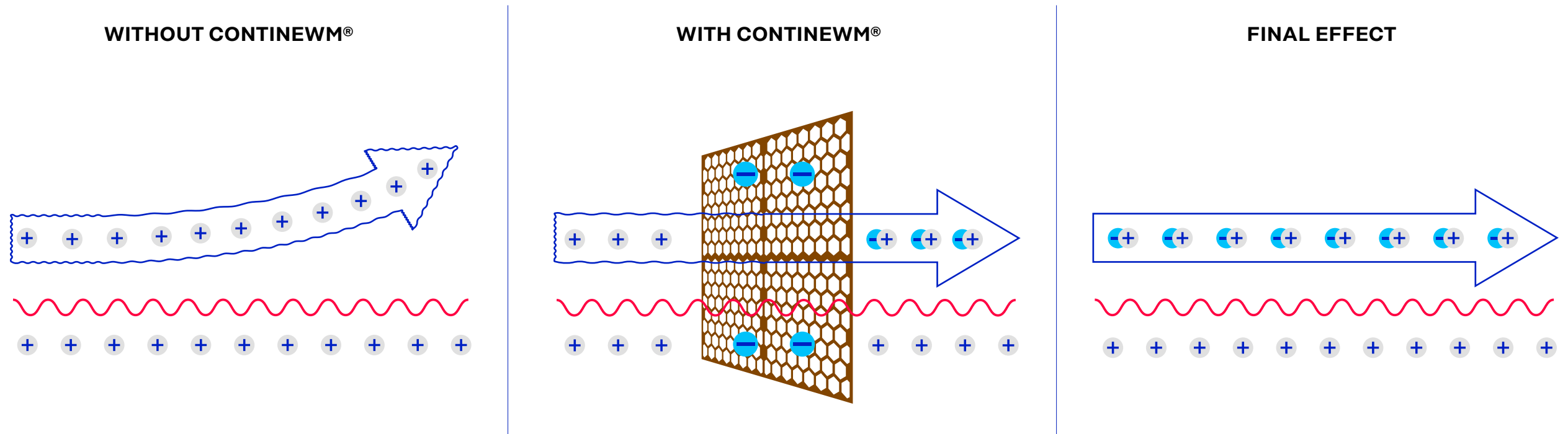
NATIONAL ENVIRO TECH SOLUTIONS

**AIR TREATMENT
EFFECT 1**



**REDUCTION OF
ELECTROSTATIC
TURBULENCES
*THROUGH ELECTRO-NEGATIVITY***

REDUCTION OF ELECTROSTATIC TURBULENCES THROUGH ELECTRO-NEGATIVITY



Friction between the air and the a/c's mechanical parts generates a **positive electrostatic charge** on the coil, fan, a/c frame, and in the air, **causing repulsion** and reducing contact with the heat exchanger.

CONTINEWM® neutralizes this charge, eliminating the repulsive force, reducing friction, and **maximizing contact** with the heat exchanger fins, which **lowers electrical consumption** and optimizes performance at all temperatures.



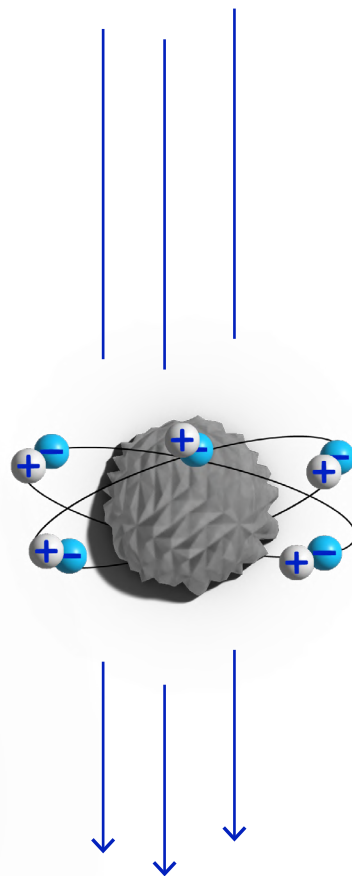
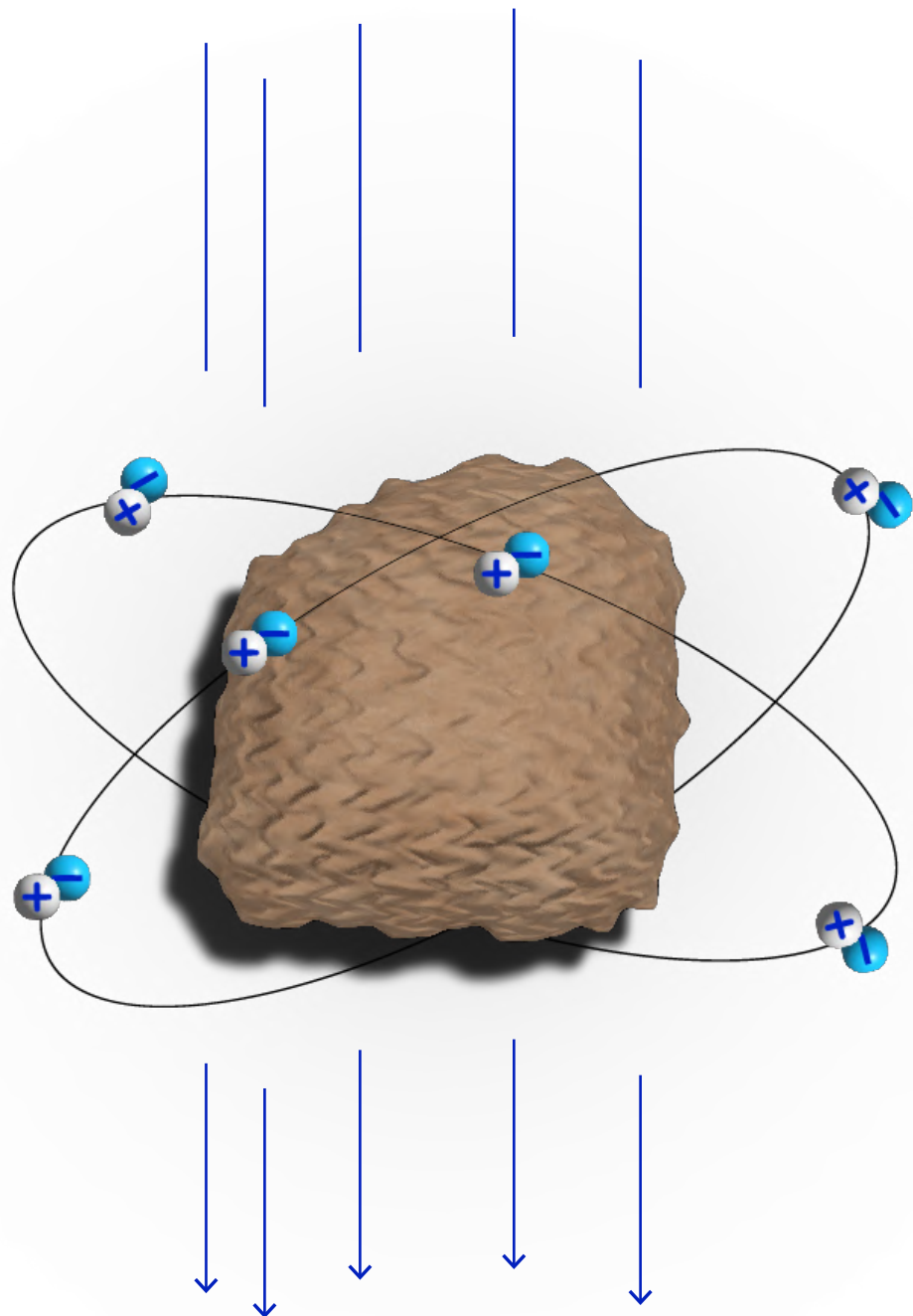
**WITHOUT
CONTINEWM®**

Positive electrostatic charge maintained in the air, causing repulsion and friction in normal conditons.

**WITH
CONTINEWM®**

Neutralization of
electropositive air,
contributing to energy
efficiency and reduction in
airborne PM levels.





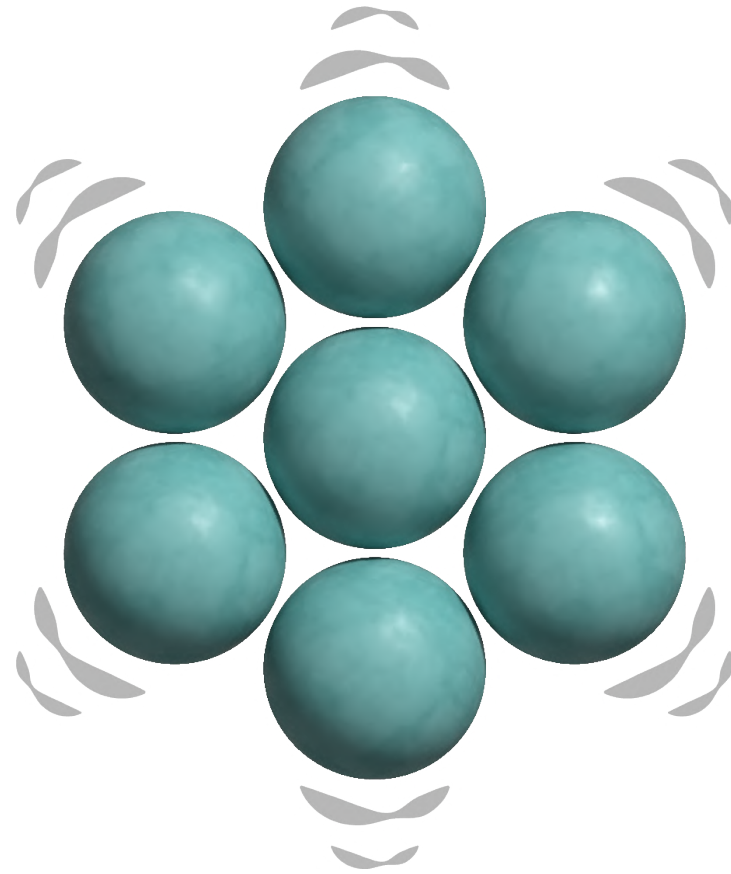
NEUTRALIZED CHARGE OF PM PARTICLES

Due to neutralization of charge, there is no repulsion. The PM particles being no longer airborne, either stick to the nearest surface or fall down due to gravity.

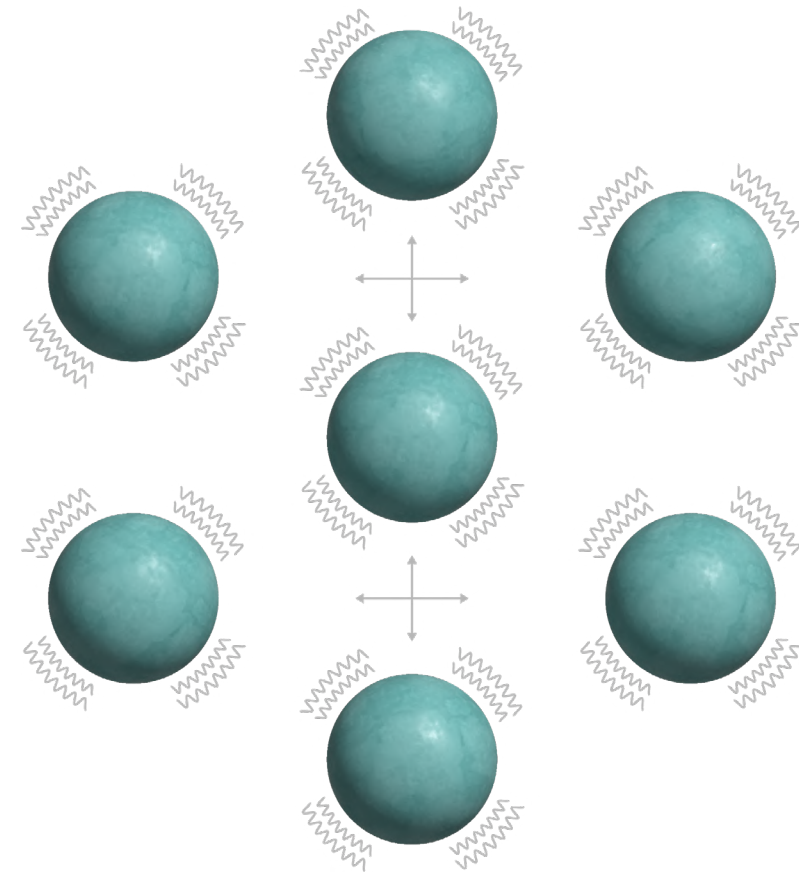


EMISSION OF
FAR INFRARED
RAYS (FIRs)

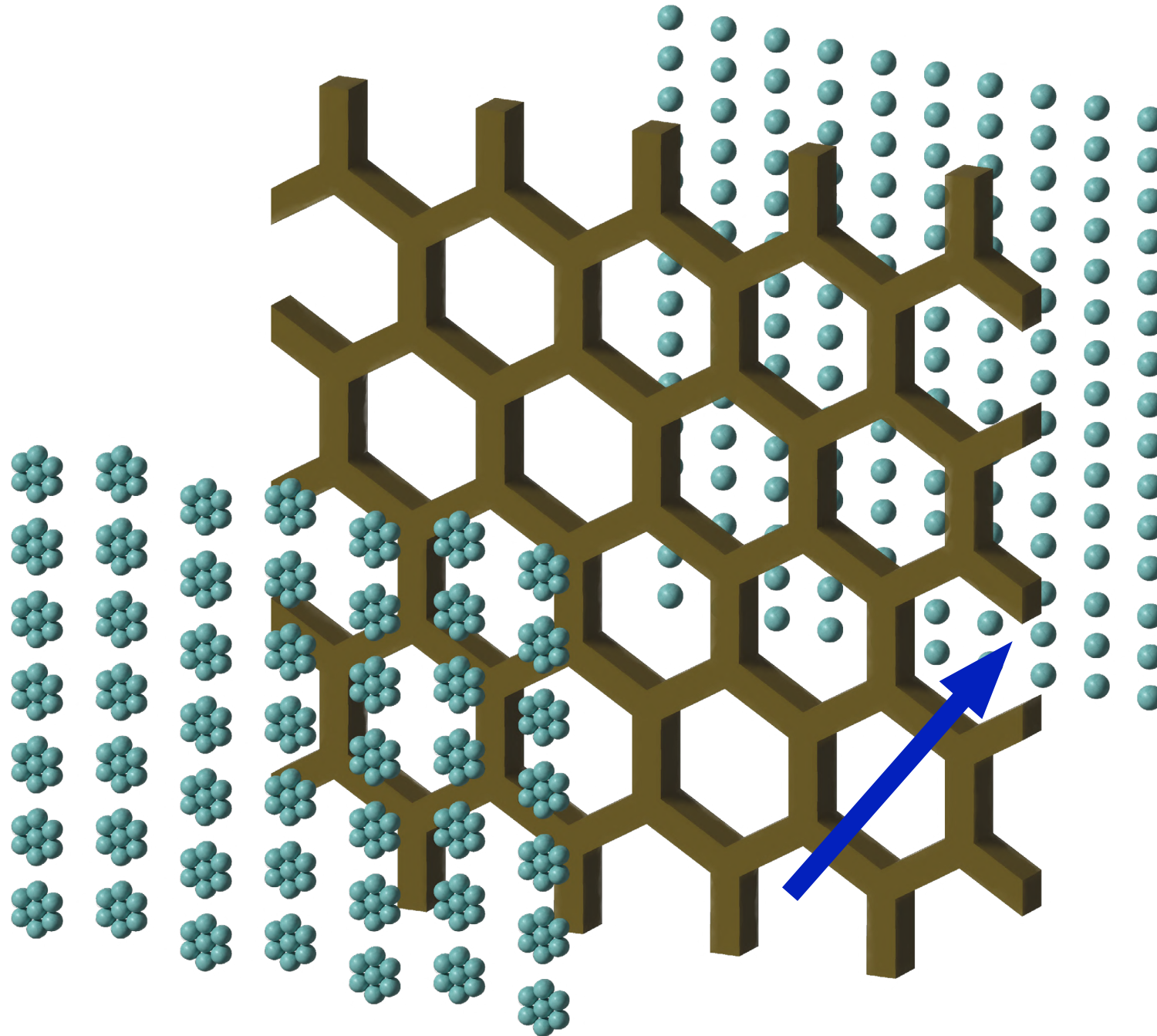
CONSTANT NATURAL EMISSION



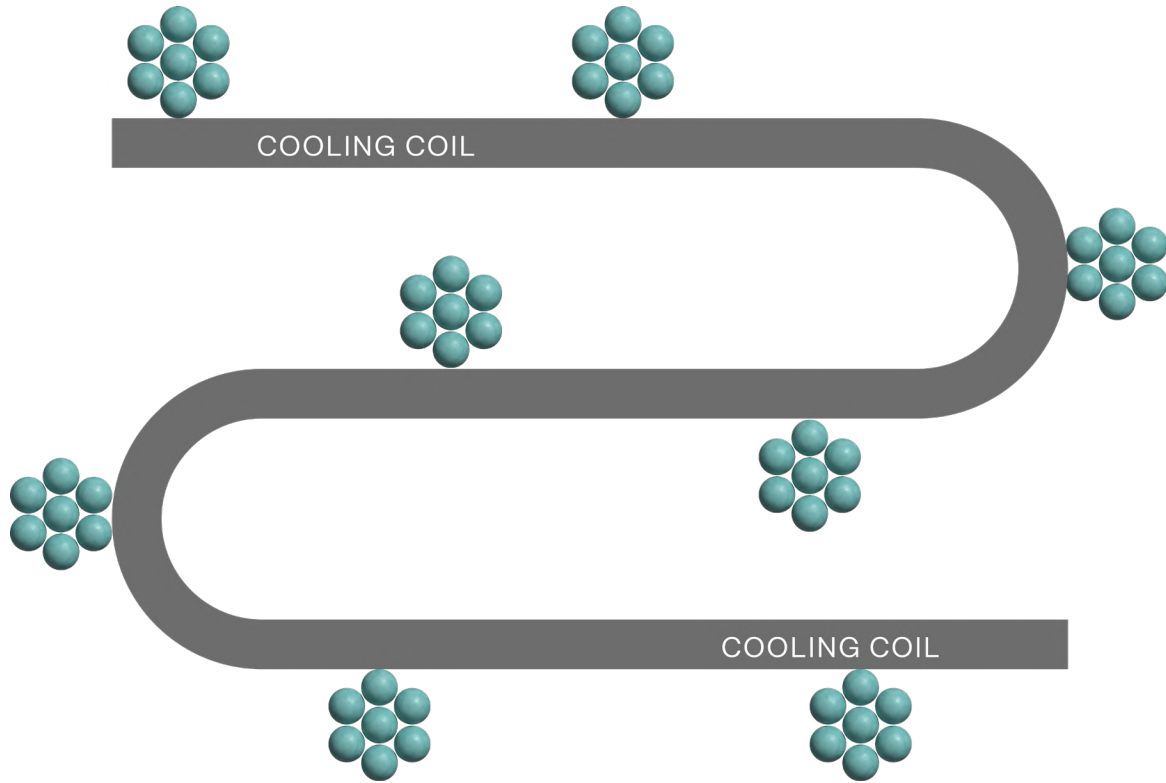
Normal vibration of water molecules in the air where the molecules are grouped in big clusters **linked by hydrogen bond.**



Large vibrations of water molecules in the air when affected by **far infrared rays** where **hydrogen bond is cut.**

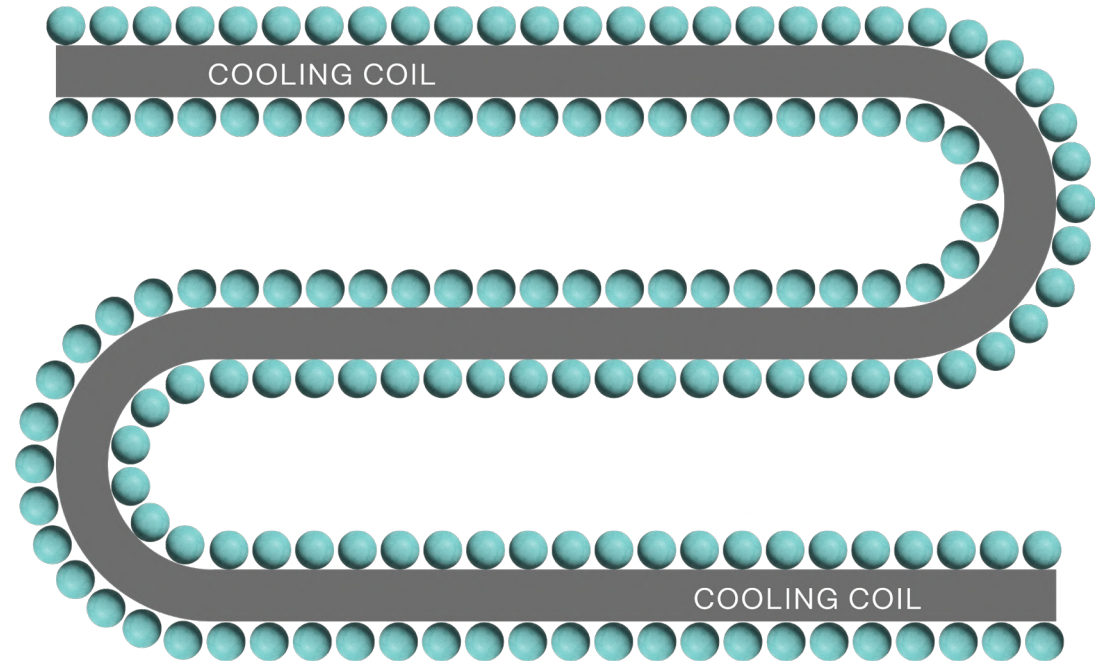


FIR from CONTINEWM® Net disperses the water molecule clusters into individual molecules, making the air less dense.



WITHOUT CONTINEWM®

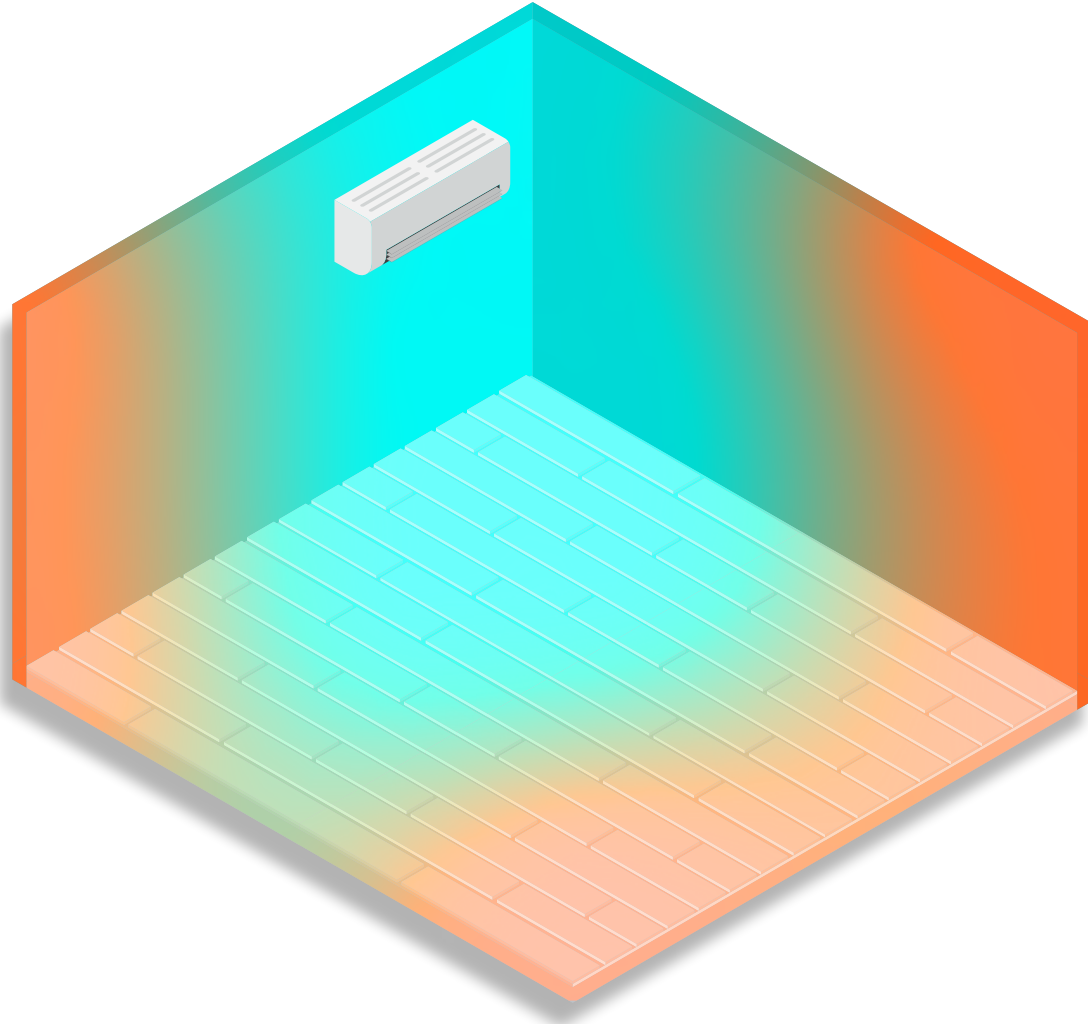
Less contact surface area with cooling coil



WITH CONTINEWM®

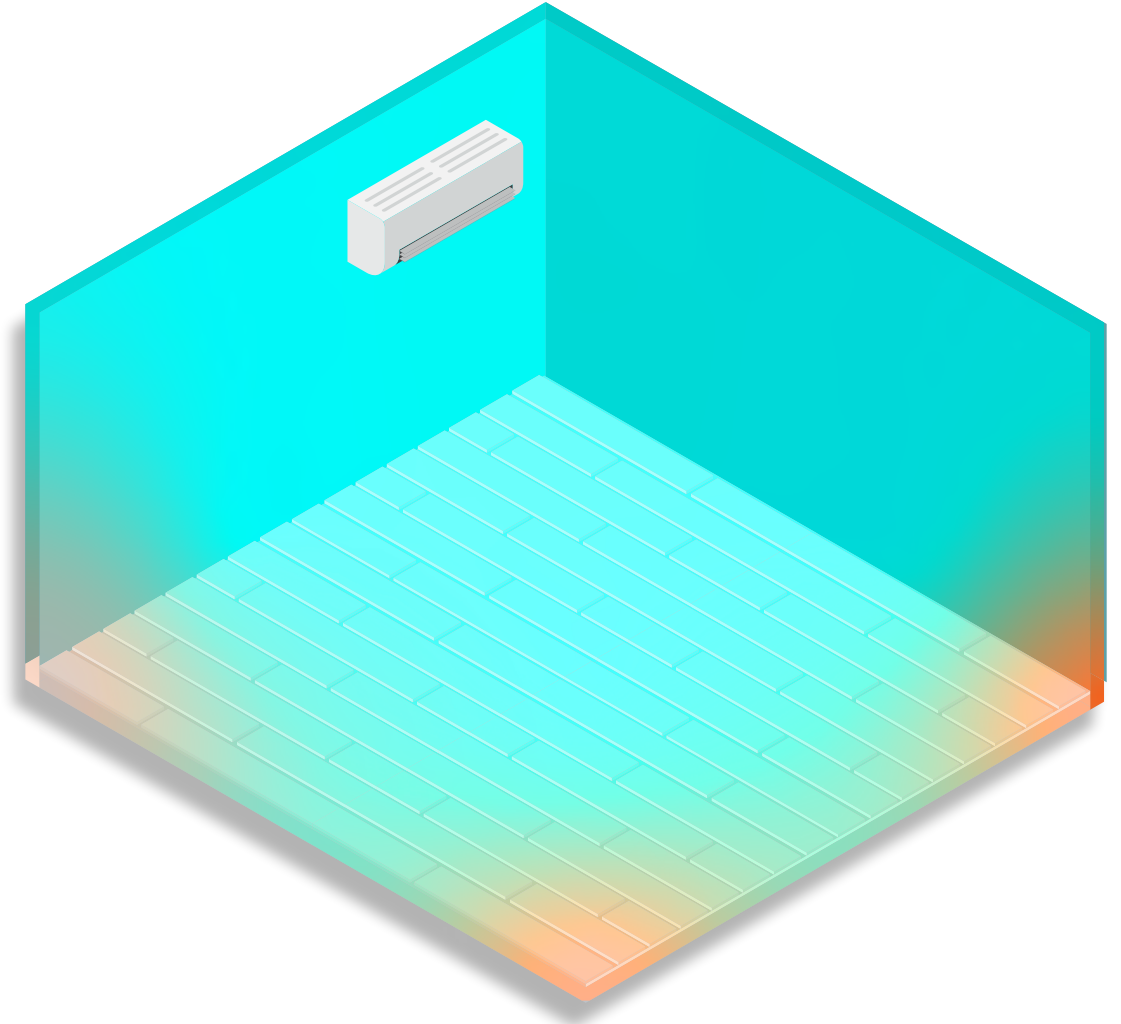
More contact surface area with cooling coil

Less dense air has greater contact surface area, resulting in set point temperature being achieved faster and more efficiently.



WITHOUT CONTINEWM®

Uneven cooling at corners



WITH CONTINEWM®

Homogeneous temperature

Homogeneous temperature achieved as a result of a combination of
FIR, electronegativity, and honeycomb structure.

INSTALLATION



STEP 1

Accessing the air filter



STEP 2

Placing CONTINEWM® net on the air filter



STEP 3

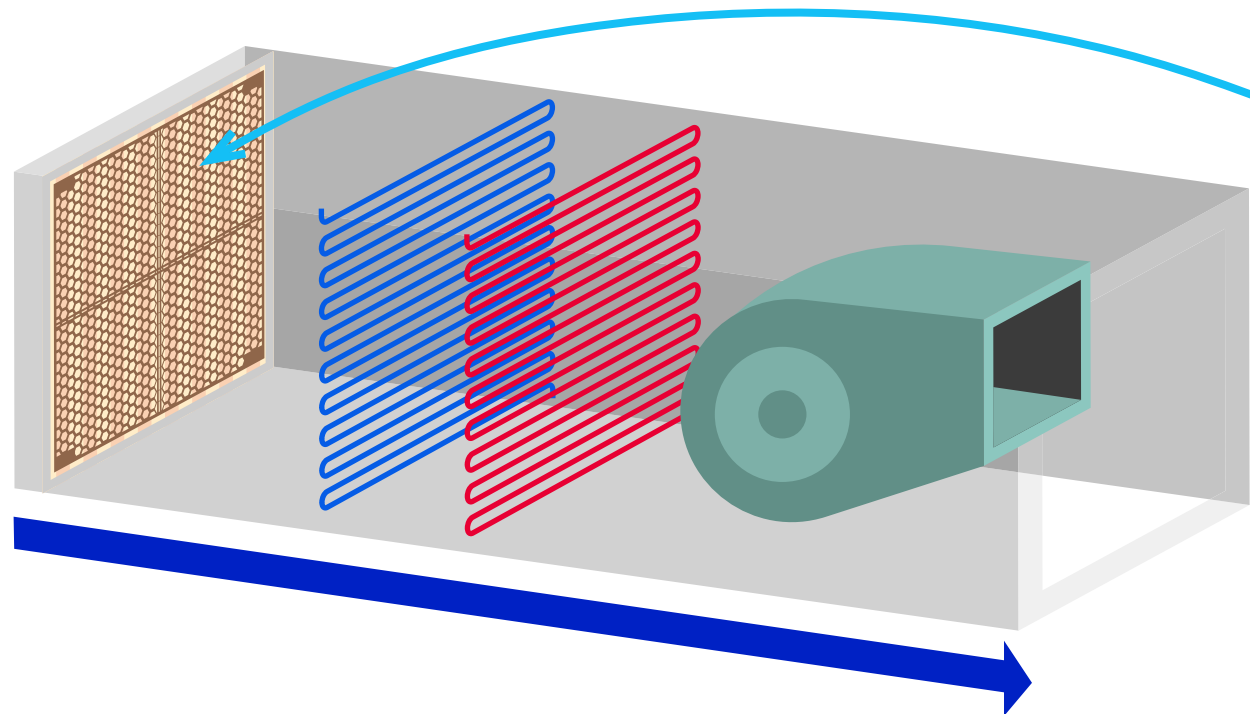
Securing CONTINEWM® net with zip ties

STEP 4

Putting the air filter back

SIMPLE, EASY, & QUICK INSTALLATION ONLY USING **ZIP TIES!**



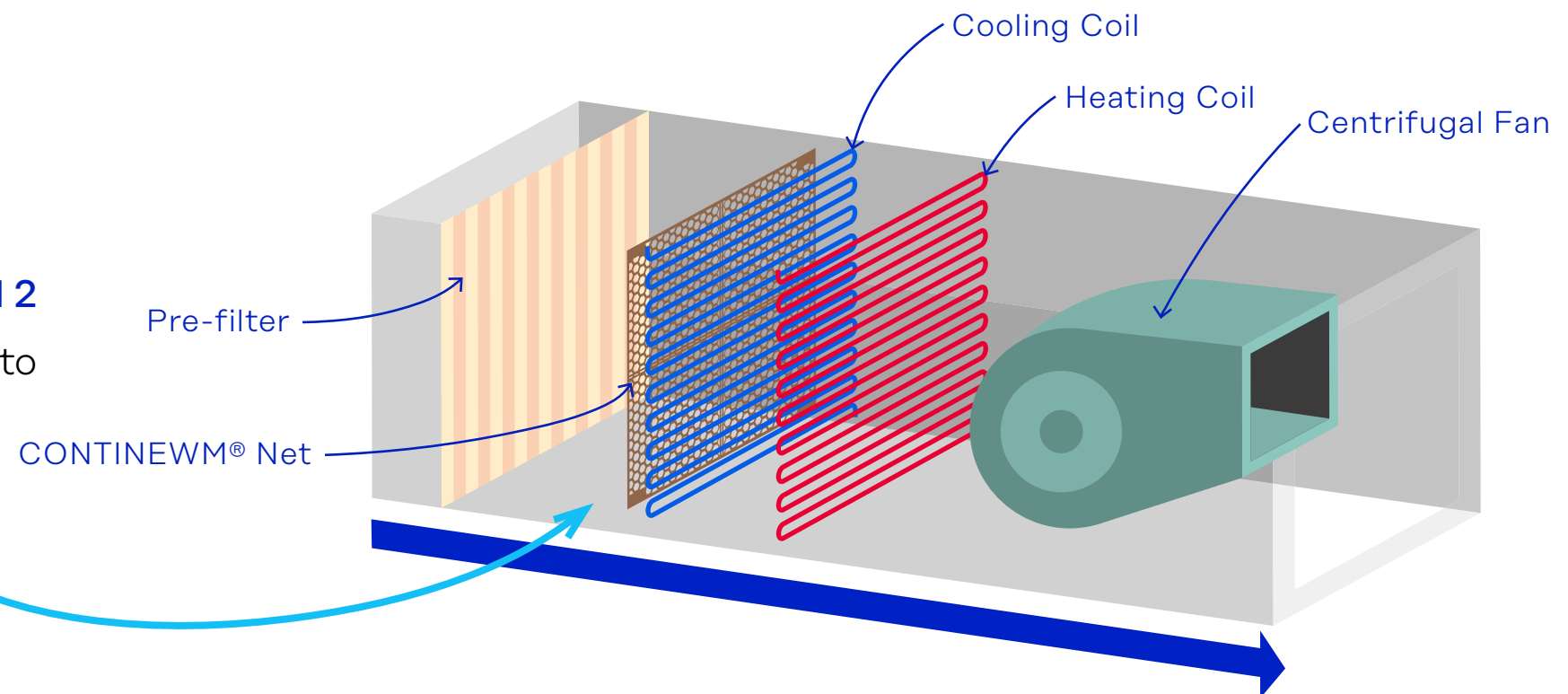


PLACEMENT OPTION 1

- On the pre-filters

PLACEMENT OPTION 2

- As close as possible to the cooling coil



CLIENTELE ACROSS SECTORS

RETAIL



HOSPITALITY



HEALTHCARE



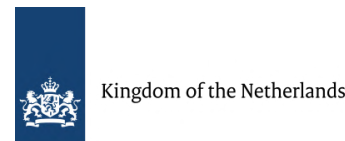
INDUSTRIAL



DATA CENTERS



PUBLIC HOUSES



OUR CONTRIBUTIONS IN THE INDIAN MARKET

2022 ONWARDS

ENERGY SAVINGS ON AIR CONDITIONING SYSTEMS (CHILLER & AHU) OF

21.2%

IN THE HOSPITALITY INDUSTRY



SUCCESSFUL INSTALLATIONS HOTELS

ITC MAURYA	New Delhi, India
ITC ROYAL BENGAL	Kolkata, India
ITC SONAR	Kolkata, India
ITC GRAND CENTRAL	Mumbai, India
ITC MARATHA	Mumbai, India
ITC KOHENOOR	Hyderabad, India
ITC GRAND BHARAT	Gurgaon, India
ITC NARMADA	Ahmedabad, India
ITC GRAND	Goa, India
ITC MUGHAL	Agra, India
ITC WELCOME	Guntur, AP, India
ITC WELCOME	Bhubaneswar, India
ITC WELCOME	Amritsar, India
ITC WELCOME	Vadodara, India
ITC SHERATON	New Delhi, India

SUCCESSFUL INSTALLTIONS

CORPORATE OFFICES

ITC CPO Bangalore, India

ITC CPO Nadiad, India

ITC CPO Kolkata, India

ITC ITD Kolkata, India

SUCCESSFUL INSTALLTIONS

FACTORIES

ITC ITD Kolkata, India

ITC FOODS Hyderabad, India

ITC FOODS Guwahati, India

ITC PCPB Manpura, India

ITC PCPB Haridwar, India

ITC PSPD Bhadrachalam, India

PROOF OF CONCEPT IN PROGRESS



TESTIMONIALS



ACCOR HOTELS

MEMO

From: Shanmugam Nanthakumar

Tel: +66 (2)659 4573

Email: shanmugam.nanthakumar@accor.com

TO: All Engineers, AccorHotels
Thailand, Laos, Cambodia and
Myanmar Hotels

Copy: Bree CRESER/ Denis SCHOHN/
Robert CRESTANI

Total Page(s) : 1 / 1

Date : 01/02/2019

Subject : Energy Saving – Air Condition Nets – Regarding

Dear Colleagues,

In our constant endeavor to adapt new technology to reduce energy consumption we have come across an interesting net which is **Natural mineral ceramic Far InfraRed Rays (FIR)** and embedded in a polyethylene frame to be use in any kind of air cooled air conditioning unit condensers.

We came across some tests done in few of the hotel, found to be effective, and reducing the consumption from 5% to 25% depending upon where we use. This also helps reduce our carbon footprint. Their testimonials varies from French Embassy building to hotels as in the attachment.

Attached herewith presentation on this with contact details. Our hotels are encouraged to contact **CONTINEWM** directly and make use of their services.

Once you start using this, please give us the feedback.

Best regards,


Shanmugam NANTHAKUMAR
VP, Engineering Services & Guest Technology
North East & South East Asia.


Denis SCHOHN
Senior VP, Design & Technical Services
Luxury, Asia Pacific

25%



CONTINEWM
www.continewm.asia

ANANTARA
BOPHUT-KOH SAMUI
RESORT

CONTINEWM® Nets ANANTARA Bophut Performance Monitoring Testimonial

Update : 3rd August 2018

Object : Endorsement of energy saving results at Anantara Bophut Koh Samui Resort

Client	Anantara Bophut - Koh Samui	Type	Villa resort - Test in Back Office - Split type
Conditions #1	Real Life occupation & utilisation	A/C Temperature setup #1	25°C
Complete resort Yearly CO₂ reduction	403 Tons	Energy Saving results	Average = 32.8%
Conditions #2	Real Life occupation & utilisation	A/C Temperature setup #2	23°C
Complete resort Yearly CO₂ reduction	581 Tons	Energy Saving results	Average = 47.2%

• **Test result:**

- o Measurement of the performance by comparison of the electricity consumptions measured by electrical meters specifically installed on the Chief Engineer's office air conditioning.
- o Period: February 2018 (measures @25°C) & April - May 2018 - Hottest season in Thailand (measures @23°C)
- o Comparison done under strictly same conditions of occupancy and same meteorological conditions.
- o Performance measured on average during the period of performance monitoring.
- o Electrical consumption data measured by Anantara Bophut Chief Engineer.
- o Meteorological data certified by the Thai Meteorological Department
- o Performance: **32.8% electricity consumption saving on average** with CONTINEWM® Net when A/C used at **25°C**.
- o Performance: **47.2% electricity consumption saving on average** with CONTINEWM® Net when A/C used at **23°C**.
- o Saving performance measured on the total air conditioning electricity consumption equivalent to **a reduction of CO₂ emission of 403 to 581 tons per year**. (On average in Thailand 1kWh produced emits 0.497 kg of CO₂ - 2016 Update from Energy Policy and Planning Office (EPPO))

Approved by:

SONGWUT SAENSUK
AREA DIRECTOR OF ENGINEERING
SOUTH THAILAND

ANANTARA
BOPHUT-KOH SAMUI
RESORT



Thomas GAL

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47.2%



CONTINEWM® Nets
IBIS Riverside Bangkok
Real Life Conditions
Performance Monitoring Summary



Update : 06th March 2017
Testing company : Technic Electrical Engineering (Thailand) Co., Ltd.

Client	Ibis Riverside Hotel - Bangkok	Net generation	CONTINEWM®
Type	Hotel conference room	Condition	Real Life
Date	November 2016	A/C technology	Split + Energy saving system
Duration	2 months	Saving results	Average = 14.1% Night Average = 22.5%
Net Installation	Indoor	Saving base	A/C energy consumption

- Performance monitoring result:**
 - Measurement of the performance by comparison of the consumption of the A/C complete system WITHOUT and WITH CONTINEWM® Net.
 - Performance: **14.1% electricity consumption saving on average with an average peak of 22.5% by night when conditions are more stable and comparable**, with CONTINEWM® Nets during the testing period at IBIS Riverside Bangkok, Benjakitti Meeting room using split types compressors with water spray energy saving device and Fan Coil Units.

WITHOUT CONTINEWM® Nets		WITH CONTINEWM® Nets		SAVINGS	
NIGHT	79.18	62.25	-26.2%	MEETING ROOM USED	
DAY	125.83	99.47	-26.0%		
NIGHT	82.13	60.77	-25.4%		
DAY	110.09	96.42	-11.4%		
NIGHT	61.82	44.07	-28.7%		
DAY	120.09	103.73	-13.7%		
AVERAGE NIGHT	72.37	55.40	-23.5%		
AVERAGE DAY	101.74	96.24	-5.1%		
AVERAGE DAY-NIGHT	87.06	75.97	-12.7%		
NIGHT	65.43	44.23	-32.3%	MEETING ROOM NOT USED	
DAY	130.09	94.74	-26.9%		
NIGHT	49.91	42.31	-15.2%		
DAY	140.09	118.96	-15.0%		
NIGHT	53.72	46.54	-13.4%		
DAY	150.09	75.23	-49.4%		
AVERAGE NIGHT	56.36	44.38	-21.2%		
AVERAGE DAY	79.29	62.98	-20.7%		
AVERAGE DAY-NIGHT	63.82	53.68	-15.9%		
AVERAGE NIGHT	64.37	49.89	-22.5%		
AVERAGE DAY	86.52	79.76	-7.8%		
AVERAGE DAY-NIGHT	75.44	66.82	-11.8%		

22.5%

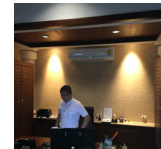
NOVOTEL
HOTELS, SUITES & RESORTS

CONTINEWM® Nets
NOVOTEL Koh Samui
Real Life Conditions Performance Monitoring Summary

Update : 07th February 2017
Testing company : Technic Electrical Engineering (Thailand) Co., Ltd.

Client	Novotel Chaweng - Koh Samui	Net generation	CONTINEWM® Beta
Type	Hotel GM office	Condition	Real Life
Date	December 2016	A/C technology	Split + Energy saving system
Duration	2 months	Saving results	Average = 26,0% Peak = 51,0%
Net Installation	Indoor	Saving base	A/C energy consumption

- Performance monitoring result:**
 - Measurement of the performance by comparison of the consumption of the A/C complete system WITHOUT and WITH CONTINEWM® Net.
 - Performance: **26% electricity consumption saving on average with a peak of 51%** with CONTINEWM® Net during the testing period at NOVOTEL Koh Samui GM Office.



GM Office with Wall-mounted split type A/C unit



PPJ Engineering Split type A/C system with energy saving system already installed. (25 Plus series Econo-Thermostat). This energy saving system aims to regulate in a more efficient way the refrigerant pressures and save about 15% energy.



The electrical meter measures the complete electrical consumption of the A/C system (Indoor unit + outdoor unit).

Taking into account the fact that an energy saving system is already installed on this A/C system, and the uncontrolled parameter linked with the A/C utilization in the office surrounding the GM office where the test was done, 26% energy saving on 2 months' average is a great result.

26%



**CONTINEWM® Nets Beta
BANYAN TREE - Koh Samui
Real Life Controlled Conditions
Performances Monitoring Results**



Update : 22nd April 2016
Testing company : Technic Electrical Engineering (Thailand) Co., Ltd.

Client	Banyan Tree - Koh Samui	Net generation	CONTINEWM® Nets Beta
Type	Hotel Villas	Condition	Real Life - Controlled conditions
Date	March 2016	A/C technology	Split
Duration	1 month	Saving results	Average = 19% // 21,8%
Net Installation	Indoor + Outdoor	Saving base	Total electricity bill // A/C electricity consumption only

- Test process:**
 - Controlled environment and parameters
 - Electricity consumption measured by BTS usual system (Electrical meters with CT)
 - Measure of the performance by comparison of the consumption with and without CONTINEWM net.
- Test results** (25oC, Medium fan, No net vs 100% air inlet inside - Split type + Fan Coil Units):

	With CTM Net	No CTM Net	SAVINGS
Average power consumption (kW)	2.145	2.652	-19.1%

- Saving performance** on the total electricity consumption of the overall villa including pool pumps under those circumstances:
19.1% (=21.8% of A/C consumption only)
- Due to:
 - Relatively short test period,
 - Experience of other long term test ran (results improving and stabilizing over a 3 months' period) in Thailand on occupied sites,
- We believe that this result is a value at minimum and that the savings generated by the net on the overall resort will be **bigger than the 19.1%** found during this test.
- Based on occupancy history, real electricity bills of the resort and 62.5% of the total electricity bill of the resort being consumed by A/C system (Banyan Tree Chief engineer) → ROI for the complete resort = **16 Months**



**CONTINEWM® Nets
MÖVENPICK Karon - Phuket
Real Conditions Case Study**



Update : 12th June 2017
Performance Monitoring company : Technic Electrical Engineering (Thailand) Co., Ltd.

Client	Mövenpick Karon, Phuket	Type	Hotel Villas + Main building
Condition	Real Life - Controlled conditions	A/C technology	Split
Villas resort Yearly CO2 reduction	N/A	Saving results	Average = 23%
ROI	N/A	Saving base	A/C electricity consumption only

1. Executive summary:

- CONTINEWM net product description:**
 - CONTINEWM® Net is an innovative product developed, produced and patented in Japan, made of ceramic that emit specific infrared rays. This electromagnetic wave creates weak vibrations to the moisture in the air and makes water molecular groups atomized. The atomized water molecular groups increase the contact area between the air and heat exchanger. When placed at the air inlet of the evaporator of an air conditioning indoor unit, the increased contact area between the air and the fins improves the heat exchange ratio and efficiency of the evaporator, reducing the load on the compressor on the outdoor unit generating energy savings. The atomized moisture in the air conveys heat energy quicker and spreads out more evenly in the room. Therefore, the temperature in the room is more homogenous, the A/C reaches the set temperature faster and maintains it more easily, increasing the efficiency of the A/C system. CONTINEWM® Net is very easy to install, no need to turn off A/C during installation, no need to perform any modification on the A/C system and it does not generate any additional running cost nor maintenance cost.
- Product Warranty:**
 - Permanent Infrared Emission of Continewm Nets (active principle): **Lifetime Warranty**
 - Plastic frame: **20 years** for indoor use
- Other benefits:**
 - Deodorize
 - Purer air, better energy, better health & productivity



CONTINEWM® Nets
Embassy of CANADA in THAILAND
Real Life Conditions Test Report



Testing Company : *Technic Electrical Engineering (Thailand) Co., Ltd.*

Client	Embassy of Canada - Bangkok	Net generation	CONTINEWM® Beta
Type	Residence condominium apartment	Condition	Real Life
Date	December 2016	A/C technology	Split
Duration	2 x 3 months	Saving results	Average = 43.4%
Net Installation	Indoor	Saving base	Total electricity consumption

1. Executive summary:

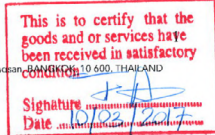
• CONTINEWM net product description:

- o CONTINEWM® Net is an innovative product developed, produced and patented in Japan, made of special ceramic in dilute polyethylene that emit far infrared rays. This electromagnetic wave (4 to 14µm) creates weak vibrations to the moisture in the air and makes water molecular group atomized. The atomized water molecular groups increase the contact area between the air and heat exchanger. When placed at the air inlet of the evaporator of an air conditioning indoor unit, the increased contact area between the air and the fins improves the heat exchange ratio and efficiency of the evaporator, reducing the load on the compressor on the outdoor unit generating energy savings. The atomized moisture in the air conveys heat energy quicker and spreads out more evenly in the room. Therefore, the temperature in the room is more homogenous, the A/C reaches the set temperature faster and maintains it more easily, increasing the efficiency of the A/C system. CONTINEWM® Net is very easy to install, no need to turn off A/C during installation, no need to perform any modification on the A/C system and it does not generate any additional running cost nor maintenance cost.
- o In addition to the energy saving benefits of the CONTINEWM® Nets, it has been studied that the far infrared rays that are emitted from the net have multiple other



Thomas GAL

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CONTINEWM® Nets
FRANCE EMBASSY in THAILAND
(All buildings)
Real Life Conditions
Performance Monitoring Report



Update : 19th July 2017
Engineering Company : *Technic Electrical Engineering (Thailand) Co., Ltd.*

Client	Embassy of France - Bangkok	Type	Complete Administrative building - Highly Energy Efficient building
Conditions	Real Life occupation & utilisation of the building (7 Months)	A/C technology	Central Chiller system
Yearly CO2 reduction	142 tons	Energy Saving results	Average = 27.9% Monthly Peak = 35.5%
ROI	26 months	Saving base	Total electricity consumption of building

• Test result:

- o Measurement of the performance by comparison of the total electricity consumptions (Electricity Bills) of the France Embassy property WITHOUT and WITH CONTINEWM® Net.
- o Performance: **27.9% electricity consumption saving on average** with CONTINEWM® Net during 7 Months Performance Monitoring period at the administrative building of the FRANCE EMBASSY in THAILAND. Saving performance measured on the TOTAL electricity bill.

• Return On Invest, Yearly savings and CO₂ emission reduction:

- o Based on real condition data, the estimated Return On Invest simulation is:
26 Months.
- o Annual net savings (No additional maintenance nor operating cost):
993,196 THB per year
- o The CO₂ emission reduction is:
142 tons per year

Read and approved by:



Emmanuelle GARDILLE
Chef de Service Commun de Gestion

Thomas GAL

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Copyright Technic Electrical Engineering (Thailand)
Technic Electrical Engineering (Thailand) "The River" by Raimon Land, South Tower A - 5th Floor, Office 506/2 - Unit 110/837, Soi Charoen Nakorn 13, Klonsonan, BANGKOK, 10 600, THAILAND





www.continewm.asia



**CONTINEWM® Nets Beta
Century 21
Real Life Conditions Test Report**

Testing company : Technic Electrical Engineering (Thailand) Co., Ltd.

Client	Century 21 - Koh Samui	Net generation	CONTINEWM® Nets Beta
Type	Office building	Condition	Real Life
Date	December 2015	A/C technology	Split
Duration	2 x 6 months	Saving results	Average = 24,6%
Net Installation	Indoor	Saving base	Total electricity bill

Project description:

- This reports details the testing method and results analysis to prove how CONTINEWM achieved - **24,6% savings on the total electricity bill in this office building.**
- Century 21 Zazen properties in Koh Samui owners Patrick Balmer and Alexander Andries proposed us to run a test in their occupied office. Part of the building is occupied by Century 21 real estate agency and other private companies occupy part of the building owned by Century 21.
- For the complete duration of the test, the utilization of the building is "as usual", meaning that we have no control on the temperature setting of the Air Conditioning for example.
- We will assume that the same amount of persons is working in that place and that they use the A/C in the same way from one month to the other since they will have the same "comfort zone".

"I am happy with the service provided and thanks to CONTINEWM® NETS our office is saving 26.4% on our total electricity bill since we've installed it on June 2016".

YOU HAVE MY PERMISSION TO QUOTE FROM THE ATTACHED LETTER IN ADS, BROCHURES, MAIL AND OTHER PROMOTIONS USED TO MARKET YOUR PRODUCTS.

Signature 

Date 23/5/2016

Samui Zazen
Properties Co.,Ltd.

Patrick Balmer
Managing Director
Century 21 Samui



**"CONTINEWM®NET" FILTER
ELECTRICITY CONSUMPTION STUDY**

PLANT DEPARTMENT

PROJECT : HEAD OFFICE (Level 3)

Rev. : 6

DATE : 08-12-19

TYPE : DAIKIN Inverter

POWER CONSUMPTION OF AIR CONDITIONER UNIT

Model	Consumption (kWh)	Q'ty	Consumption 1 Ph (kWh)	Consumption 3 Ph (kWh)
18000 BTU	1.5	1	1.5	
24000 BTU	2.14	1	2.14	
36000 BTU	3.23	2		6.46
48000 BTU	5.6	0		0

ACTUAL RUNNING TIME BEFORE FILTER INSTALL

(1) Monthly Average (kWh) **1240.84**

ACTUAL RUNNING TIME

Watt Hour Meter Start, (20-06-2018) : 34,624

Watt Hour Meter Present, (07-12-2019) : 53,112

Total 456 Days (kWh) **18488.00**

Daily Average / Day (kWh) **40.54**

(2) Monthly Average Consumption (kWh) (40.54 x 26 Day) **1054.14**

CALCULATION :

Total energy consumption per month **1,054.14 kWh**

(3) Energy saved per month (1) - (2) **186.70 kWh**

Energy savings ((50.91 / 1240.84) x 100) **15.05%**

Return On Invest **4.37 Years**



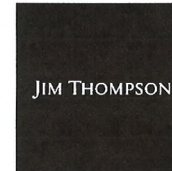
Update : 08th September 2017
Engineering Company : Technic Electrical Engineering (Thailand) Co., Ltd.

Client	Thai Union	Type	Electrical Room
Conditions	Real Life occupation & utilisation	A/C technology	Split type
Yearly CO2 reduction	N/A	Energy Saving results	Average (Stable conditions) = 34.3% Overall Average = 26.9%
ROI	N/A	Saving base	A/C electricity consumption

1. Executive summary:

1. CONTINEWM net product description:

- o CONTINEWM® Net is an innovative product developed, produced and patented in Japan, made of special ceramic in dilute polyethylene that emit far infrared rays. This electromagnetic wave creates weak vibrations to the moisture in the air and makes water molecular group atomized. The atomized water molecular groups increase the contact area between the air and heat exchanger. When placed at the air inlet of the evaporator of an air conditioning indoor unit, the increased contact area between the air and the fins improves the heat exchange ratio and efficiency of the evaporator, reducing the load on the compressor on the outdoor unit generating energy savings. The atomized moisture in the air conveys heat energy quicker and spreads out more evenly in the room. Therefore, the temperature in the room is more homogenous, the



CONTINEWM® Nets
Jim Thompson
Performance Monitoring Testimonial

Update : 19th June 2019
Object : Endorsement of energy saving results at Jim Thompson Head Office

Client	Jim Thompson	Type	Jim Thompson HQ - Scarf cutting room
Conditions	Real Life occupation & utilization	A/C technology	Split type
Energy Saving results	Average = 31.6%	Saving base	A/C electricity consumption

- Test result:
 - o Measurement of the performance by comparison of the electricity consumption measured by power meter specifically installed on the Jim Thompson scarf cutting room air conditioners (2 split type units).
 - o Period: April - June 2019
 - o Comparison done under similar conditions of utilization and same meteorological conditions.
 - o Performance measured on average during the period of performance monitoring.
 - o Electrical consumption data measured and recorded by Jim Thompson engineer.
 - o Meteorological data measured by the temperature and humidity sensor installed at the Jim Thompson office.
 - o Performance: **31.6% electricity consumption saving on average** with CONTINEWM® Net.



Approved by: Achiraya N
Achiraya Niponwechpaiboon
The Thai Silk Company Limited (Jim Thompson)
Administrative and Facilities Manager



Bangkok, September 1st, 2021

TO WHOM IT MAY CONCERN

"After using Continewm products for more than 2 years in our offices, we confirm that the savings are real and substantial. We have saved more than 20% on our electricity bill which was high due to old air conditioners, poor insulation and a building dating from the 90s.

The installation of the filters was done in a very professional way, quickly, with an immediate result.

A big plus for our company is the reduction of noise from the air conditioners which is very significant. We live in a hot country and have to use the air conditioning 11 months out of 12. Thanks to Continewm, at the same temperature the feeling is colder so we gradually increase the temperature of the room.

As a result, air conditioners work less hard and make less noise which is very nice :)

Continewm filters also help to have a light and pleasant atmosphere in our offices with a light and energizing atmosphere.

All this benefits our employees who are very satisfied with the result. In short: significant savings, a pleasant atmosphere and less noise pollution. The value for money of Continewm is simply excellent and we warmly recommend these products."

Emmanuel Fauvel & Fabien Keller
Founders of NUTRIMIS - The App to lose weight with friends.
www.nutrimis.com

"Après avoir utilisé les produits Continewm pendant plus de 2 ans dans nos bureaux, nous confirmons que les économies réalisées sont réelles et substantielles. Nous avons économisé plus de 20% sur notre facture d'électricité qui était importante à cause de climatisations vétustes, de mauvaise isolation et d'un immeuble datant des années 90.

L'installation des filtres a été faite de façon très professionnelle, rapide, avec un résultat immédiat.

Un gros plus pour notre société est la réduction du bruit des climatisations qui est très significative. Nous vivons dans un pays chaud et devons mettre la climatisation 11 mois sur 12. Grâce à Continewm, à même température le ressenti est plus froid donc nous augmentons graduellement la température de la pièce. Par conséquent, les climatiseurs forcent moins et font moins de bruit ce qui est très agréable :)

Les filtres Continewm aident également à avoir une atmosphère légère et agréable dans nos bureaux avec un air léger et une ambiance énergisante.

Tout ceci profite à nos employés qui sont très satisfaits du résultat. Si on résume : économies importantes, atmosphère agréable et moins de pollution sonore. Le rapport qualité prix de Continewm est tout simplement excellent et nous recommandons chaudement ces produits."

Emmanuel Fauvel & Fabien Keller
Fondateurs de NUTRIMIS - l'App pour perdre du poids entre amis.
www.nutrimis.com




CONTINEWM® Nets
SCHNEIDER Electric
Performance Monitoring Testimonial

Update : 28th April 2018

Object : Endorsement of energy saving results in Server Room at Schneider Electric Head Office

Client	Schneider Electric (Thailand)	Type - Measurement location	Server room Schneider Electric Head Office
Condition	Real Life utilisation	A/C technology	CRAC system for data centers
		Energy Saving results	Average = 8.3%

- **Test result:**
 - o Measurement of the performance by comparison of the electricity consumption measured by electrical meters specifically installed on the Schneider Electric server room CRAC systems.
 - o Period: March - April 2018
 - o Comparison done under similar conditions of utilization and same meteorological conditions.
 - o Performance measured on average during the period of performance monitoring.
 - o Electrical consumption data measured by Schneider Electric engineer.
 - o Meteorological data certified by the Thai Meteorological Department
 - o Performance: **8.3% electricity consumption saving on average** with CONTINEWM® Net.

Abhay Ghosalkar

Approved by:
Abhay Ghosalkar (ON BEHALF)
Schneider Electric
Data Center Application Center, Indochina Head



Thomas GAL

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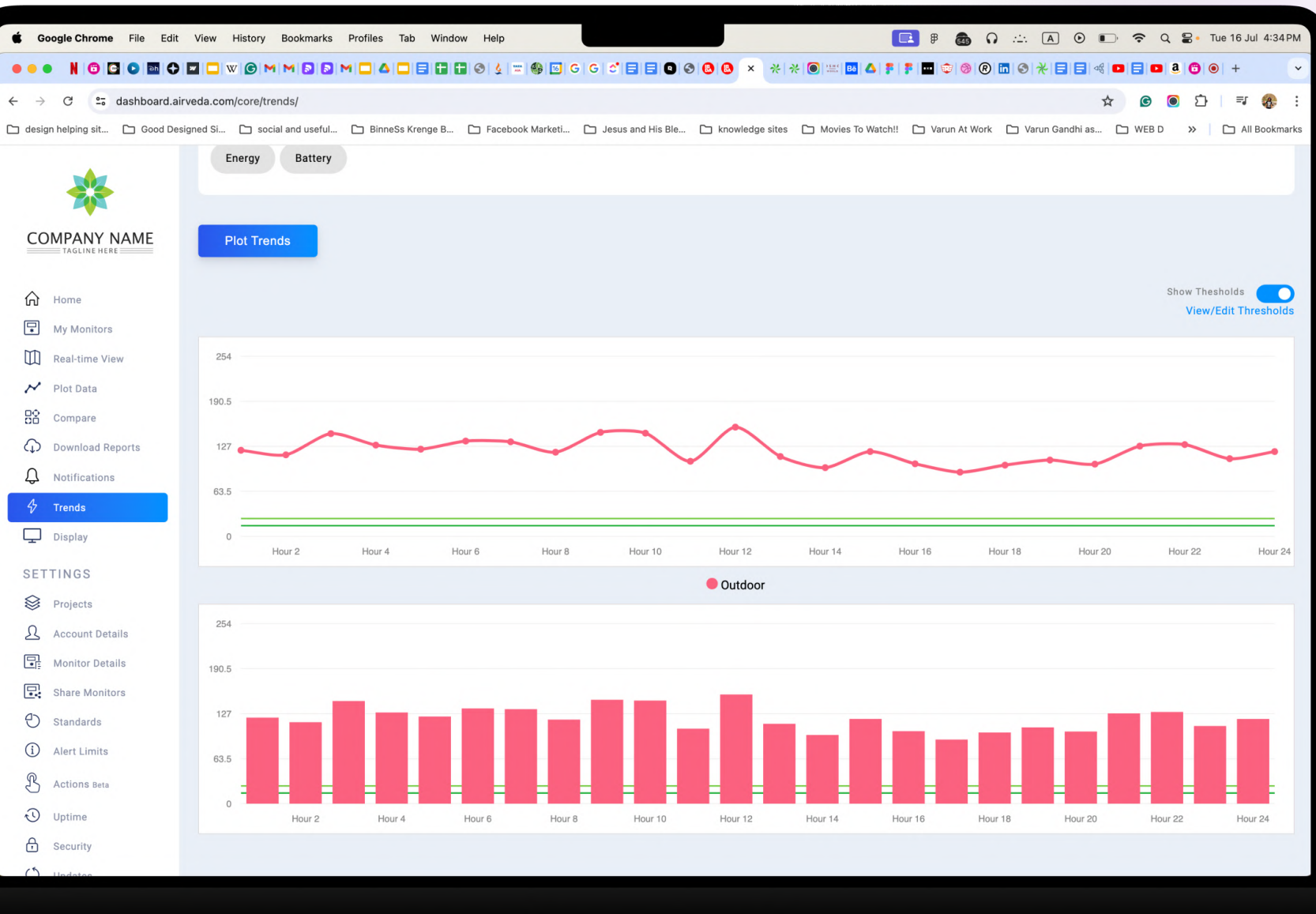
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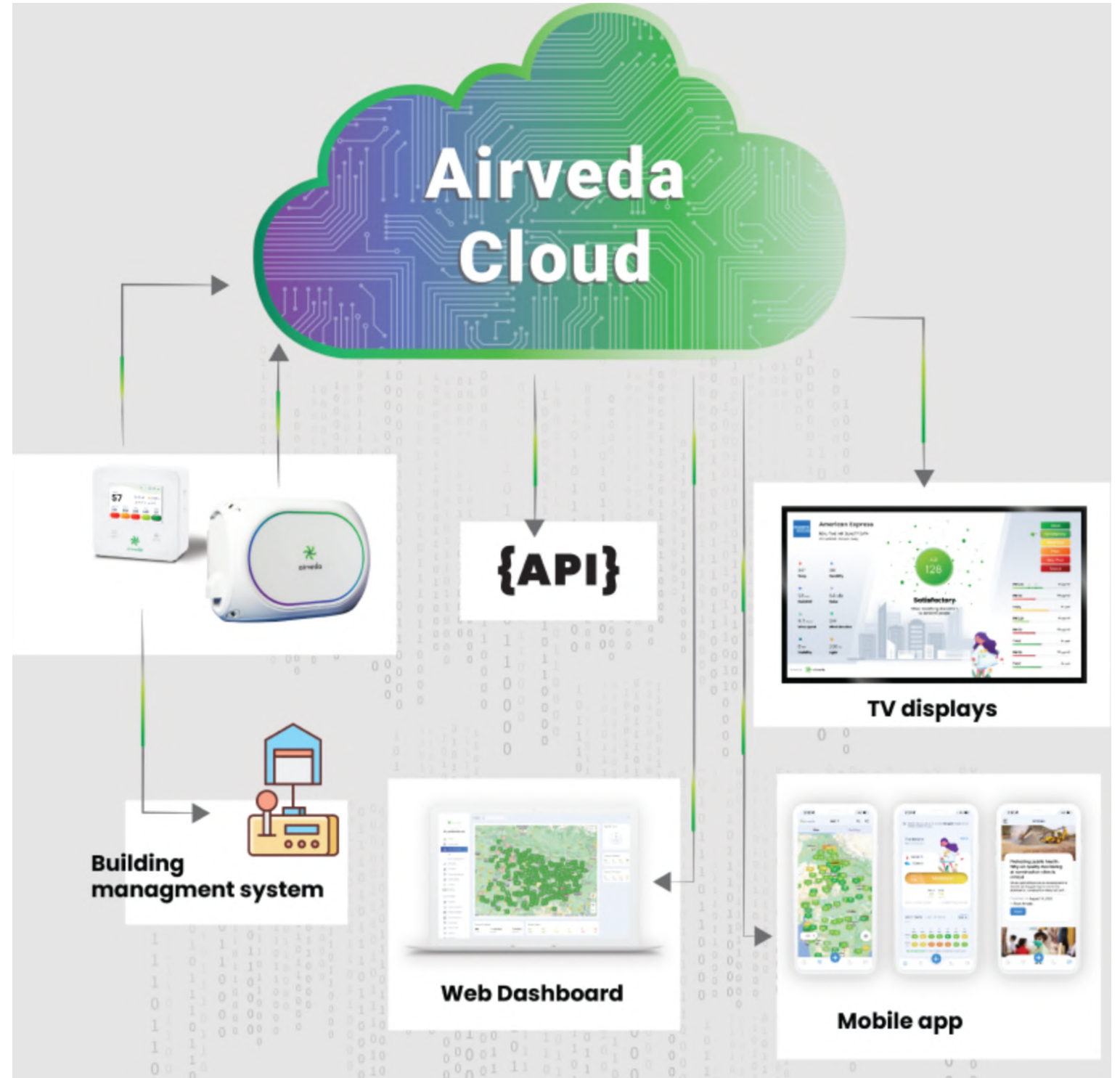
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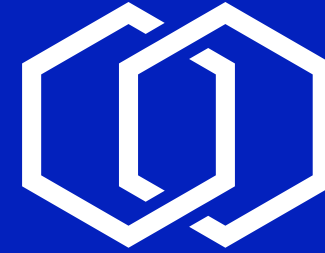
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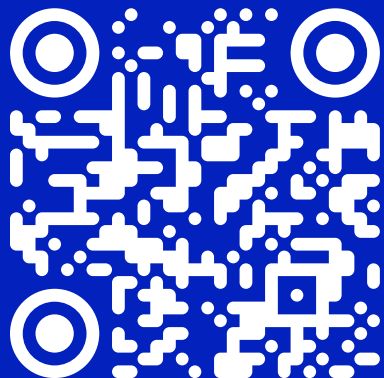
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