VIANEN

WE CLEAR THE AIR

BELIM

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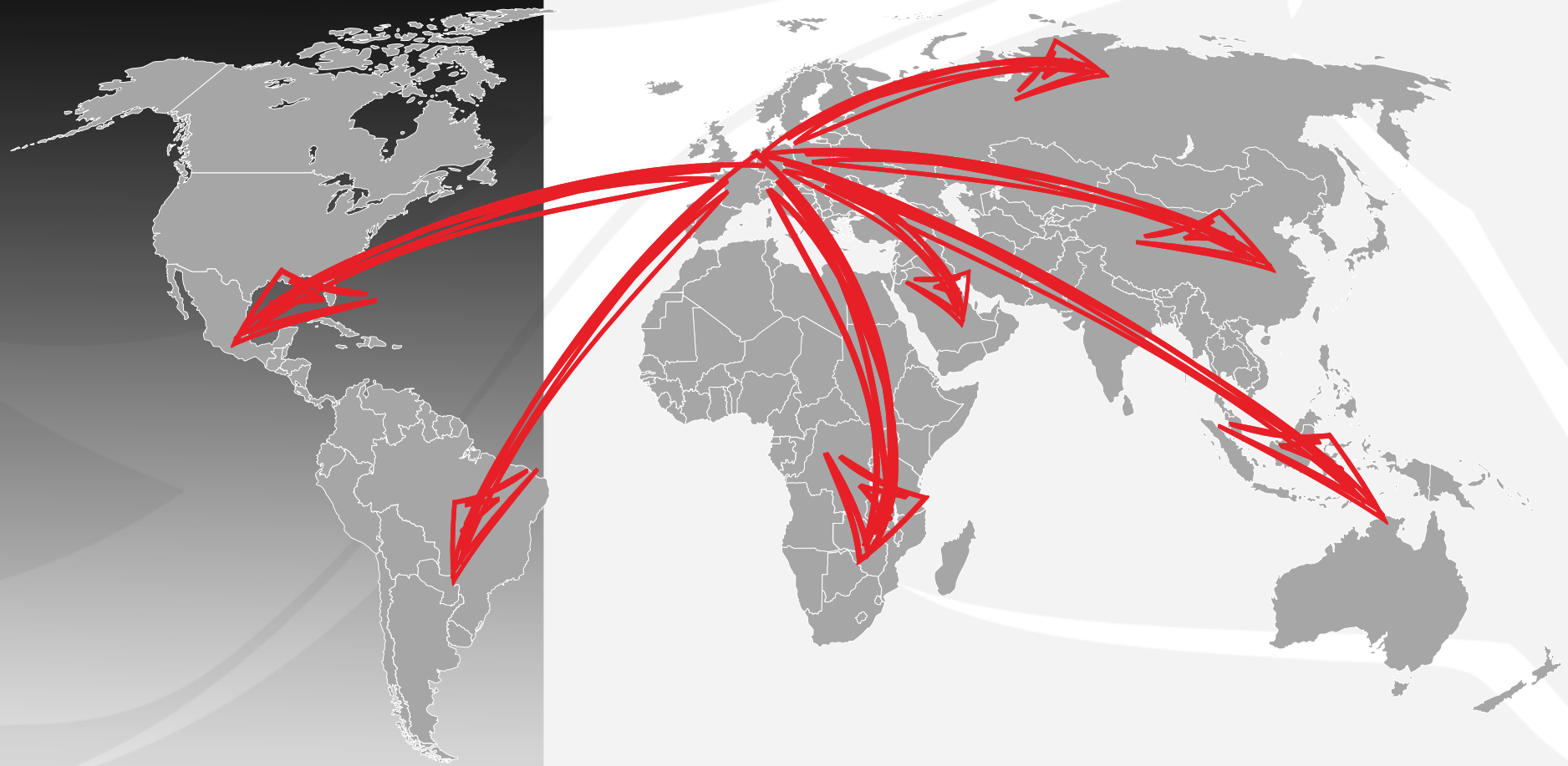
PRESENTATION CONTENTS

- VIANEN INTRODUCTION
- PRODUCTS
- VIANEN PROJECTS

VIANEN INTRODUCTION

VIANEN

OVER 50.000 INSTALLATIONS IN MORE THAN 50 COUNTRIES



VIANEN

OVER 50.000 INSTALLATIONS IN MORE THAN 50 COUNTRIES

Hotels

Rotana

Marriott

Hyatt

InterContinental

Crowne Plaza

Kempinski

Hilton

Fairmont

Hotels | Stadiums | Restaurants | Others

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OVER 50.000 INSTALLATIONS IN MORE THAN 50 COUNTRIES

Fast food restaurants

KFC	Burger King	Quick	Nando's
Jimmy Spices	Hatam	Noon O Kebab	Zuma Restaurant

Hotels | Stadiums | Fast food restaurants | Others

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OVER 50.000 INSTALLATIONS IN MORE THAN 50 COUNTRIES

Others

Prisons

Hospitals

Airports

Palaces

Marine

Military Bases

Universities

Business Facilities

Hotels | Stadiums | Restaurants | Others

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MEMBERSHIPS AND STANDARDS

FCSI

HVCA

ASHRAE

NEN 1010

TVVL

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APPROVALS

UL

NSF

CE

ISO 9001

VCA

NFPA

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OVER 38 YEARS EXPERIENCE IN KITCHEN VENTILATION

INNOVATIVE RESEARCH AND DEVELOPMENT

DESIGN ENGINEERING

CERTIFIED BY INTERNATIONAL INSTITUTIONS

WIDE RANGE OF HIGH QUALITY PRODUCTS

CUSTOM MANUFACTURING

QUICK PRODUCTION AND DELIVERY TIMES

DEDICATED QUALIFIED PEOPLE

COMPETITIVE PRICING

PRODUCTS

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VIANERGY II

- New in 2013
- Integrated energy saving smart systems
- LED lighting

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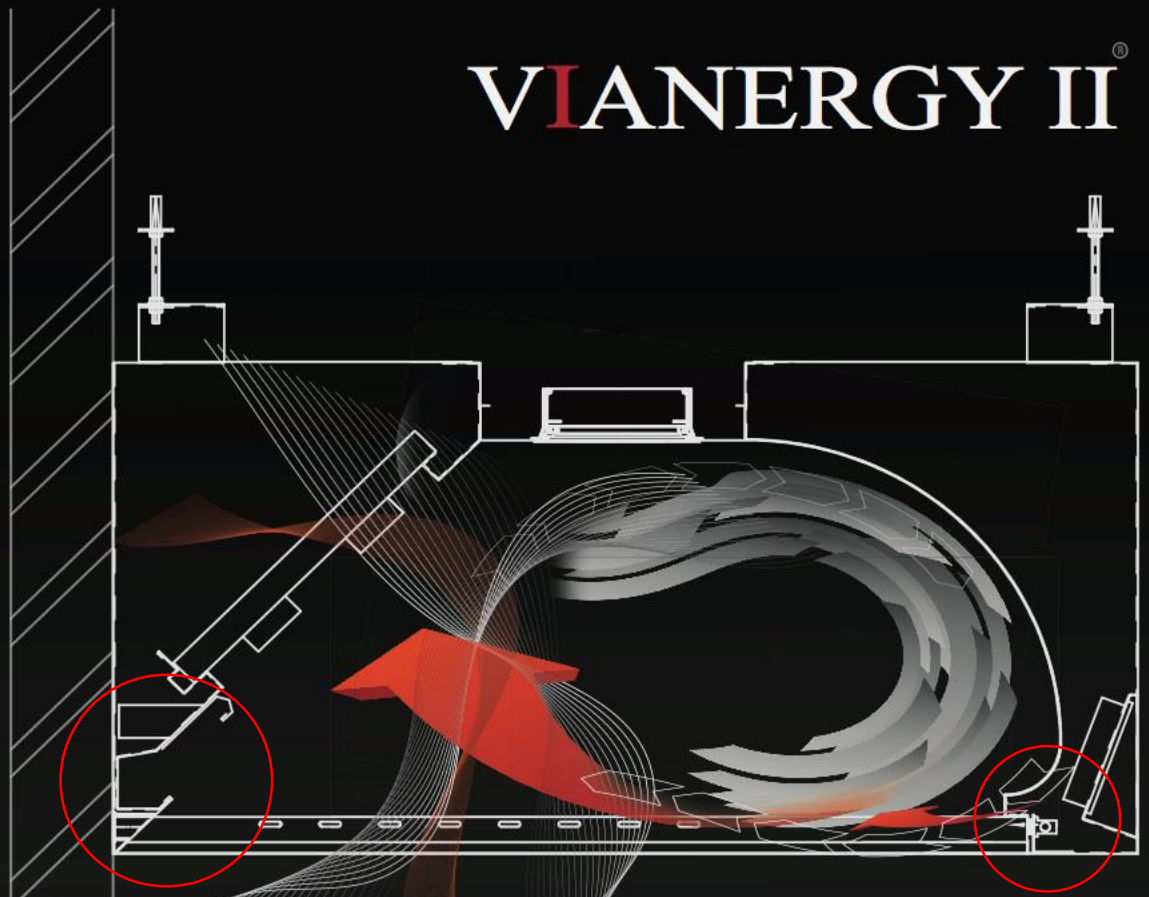
Patented

VIANERGY II®



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VIANERGY II

Tested by TNO conform ASTM F1704 method

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VIANEN LOW ENERGY LED LIGHTS V-LEL

- Energy saving
- Lifetime of 50.000 hours
- Easy to clean
- Ensures 500 lux at work surface level
- IP 65 rated enclosure
- Also for existing canopies
- CE Approved

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FECON FILTER

- NSF Hygiene approval
- 100% stainless steel 304
- Certified fire barrier (TNO)
- UL tested and approved
- Available in variable sizes

- 95 % grease extraction
- 8 micron particles
- 3000 m^3/h at $1m^2$ filter surface

COMPONENT

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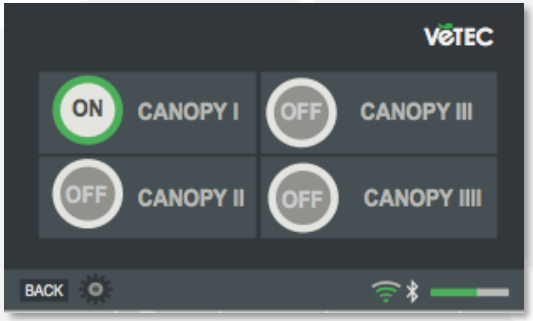
MAESTRO

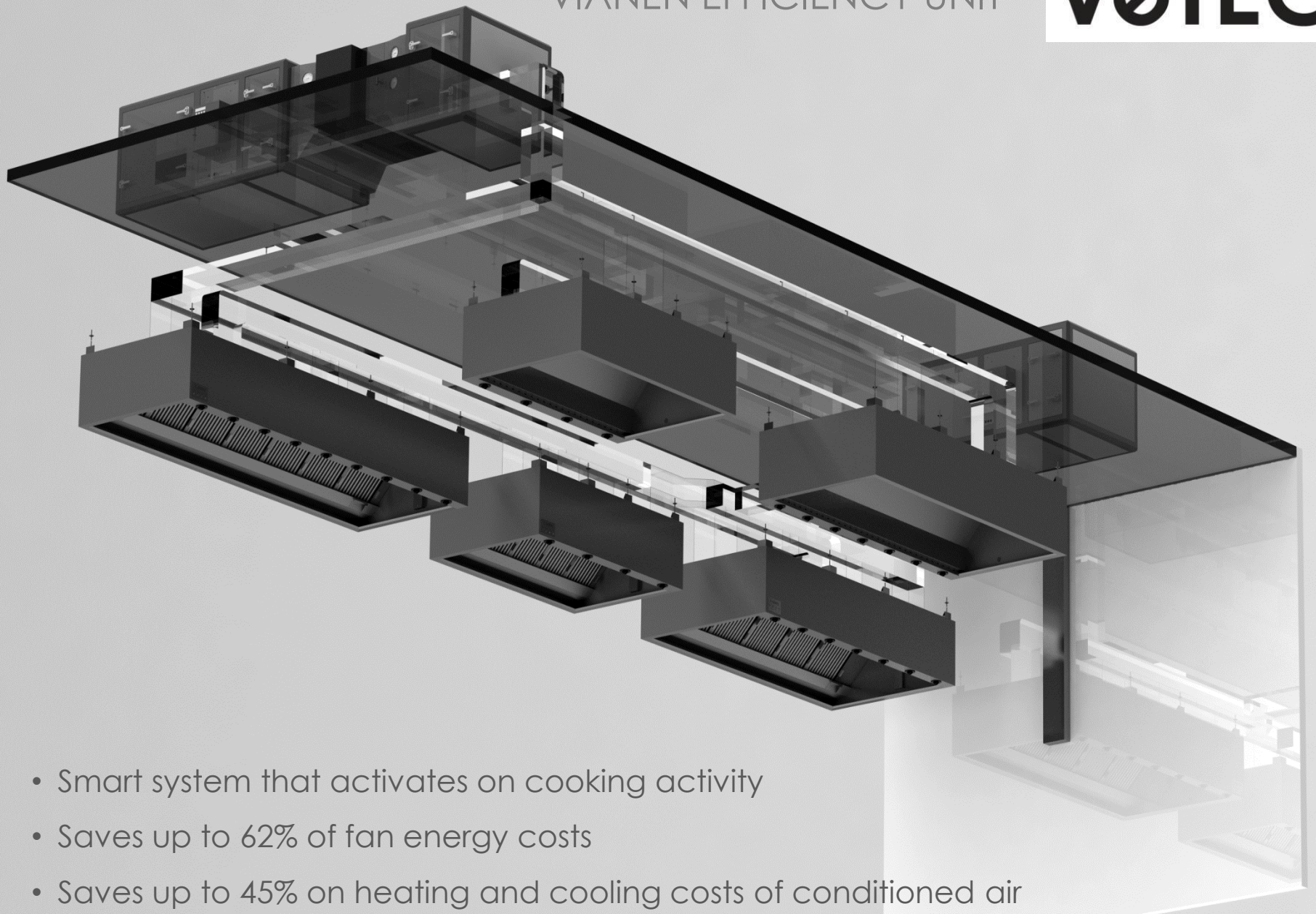
Kitchen management system



- Integral solution for kitchen management & control
- Large touch screen display user interface
- Monitors energy consumption in the Kitchen
- Easy to expand and customize

VIANEN EFFICIENCY UNIT

VéTEC



- Smart system that activates on cooking activity
- Saves up to 62% of fan energy costs
- Saves up to 45% on heating and cooling costs of conditioned air

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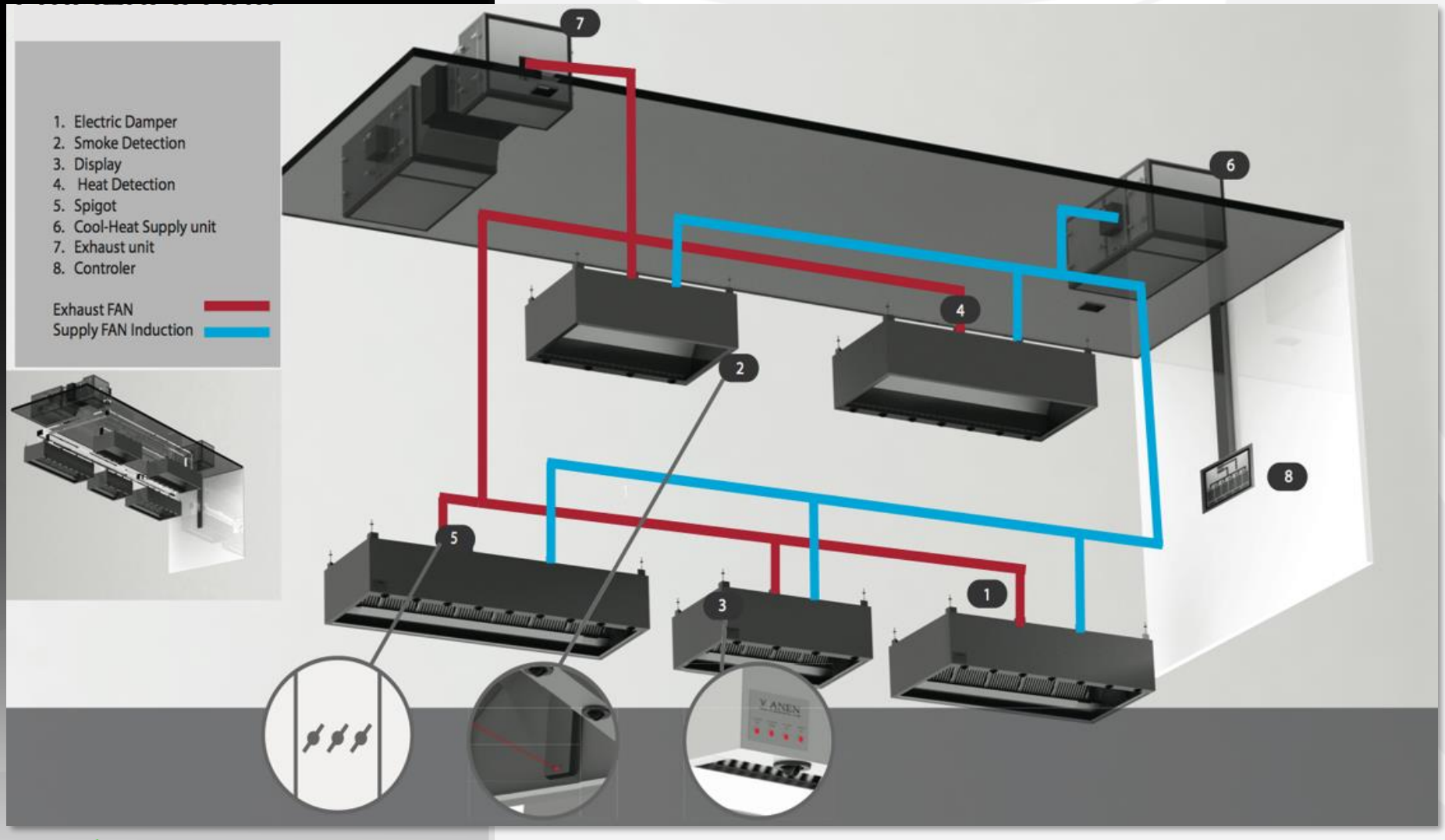
VéTEC



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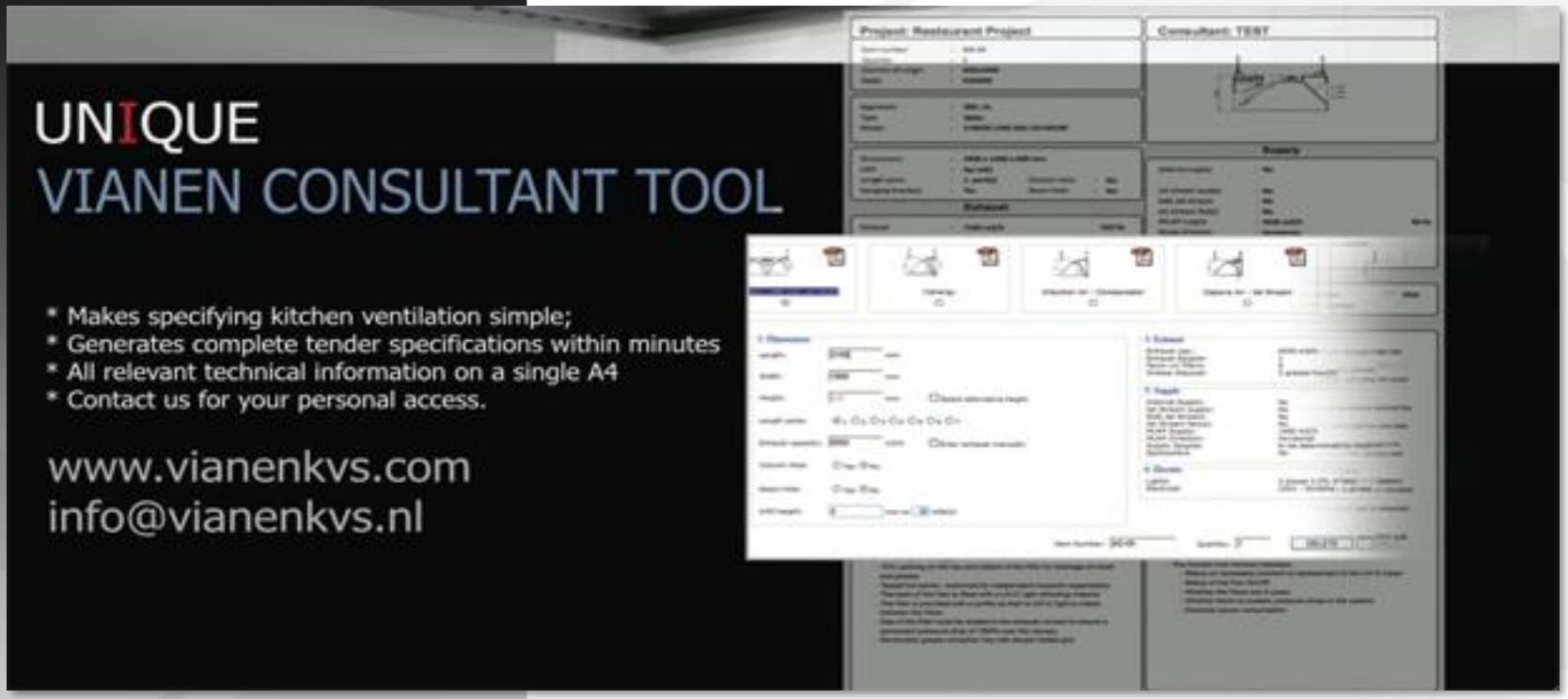
VéTEC

VIANEN CONSULTANT TOOL



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JET STREAM CANOPIES

- Better fume capture and containment
- Reduces spillage
- Low volume, high velocity Jet stream air
- Integrated spot coolers

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JET STREAM CANOPIES

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MUAP

- Fresh air supply integrated in the canopy
- Multiple integration options to apply the best solution
- Integral solution for Jet stream canopies
- Reduces amount of third party solutions

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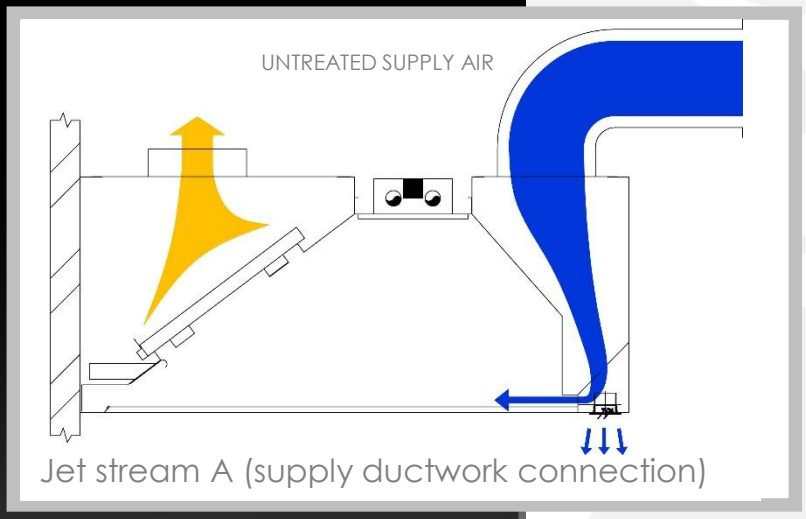
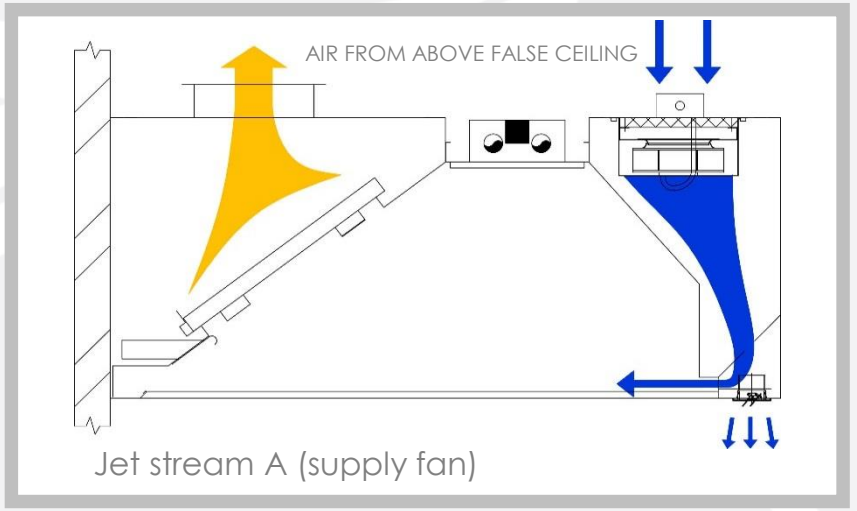
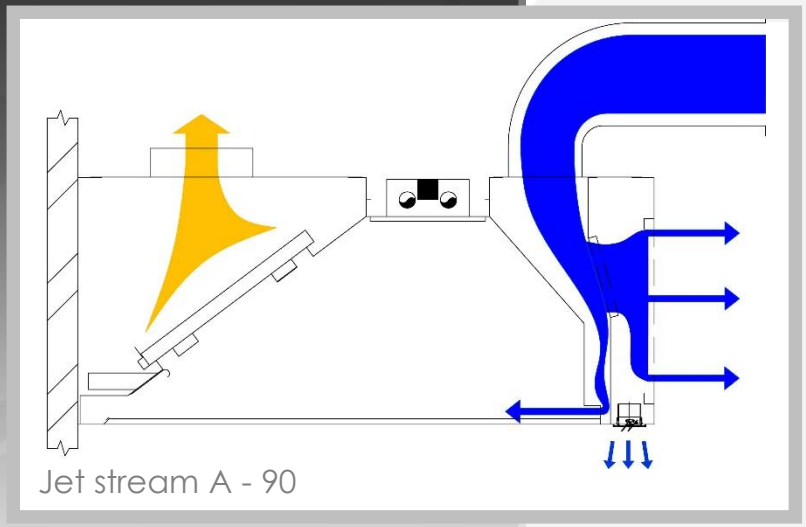
JET STREAM CANOPIES



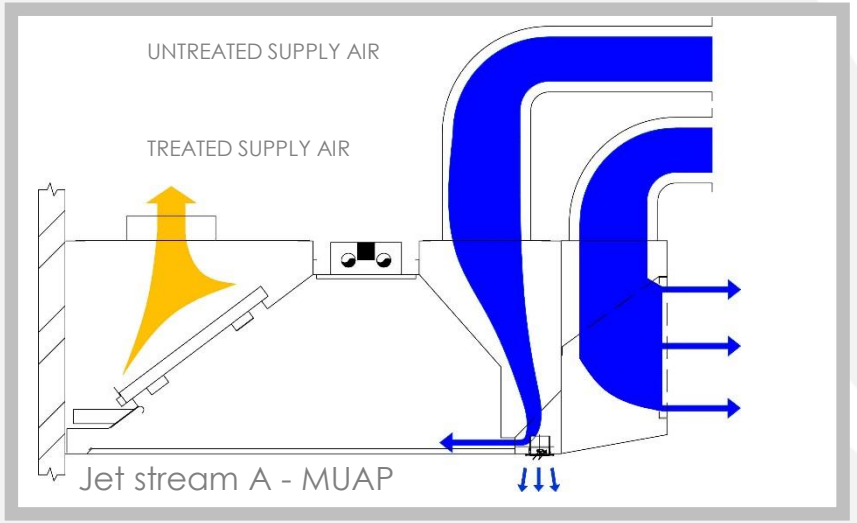
Jet stream A (supply ductwork connection)



Jet stream A (supply fan)



Jet stream A - 90



Jet stream A - MUAP

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BASIC LINE CANOPIES

- Integrated lighting
- Full perimeter condense channel
- Easily removable grease collection trays

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DISH WASH CANOPIES

- Full perimeter condense channel
- Welded construction
- Easy to install
- Baffle plate increase efficiency

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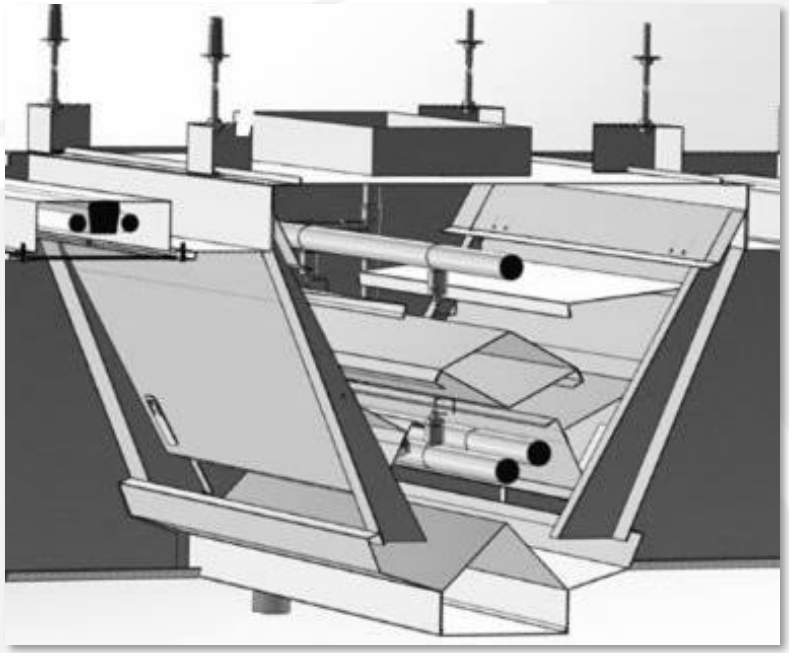
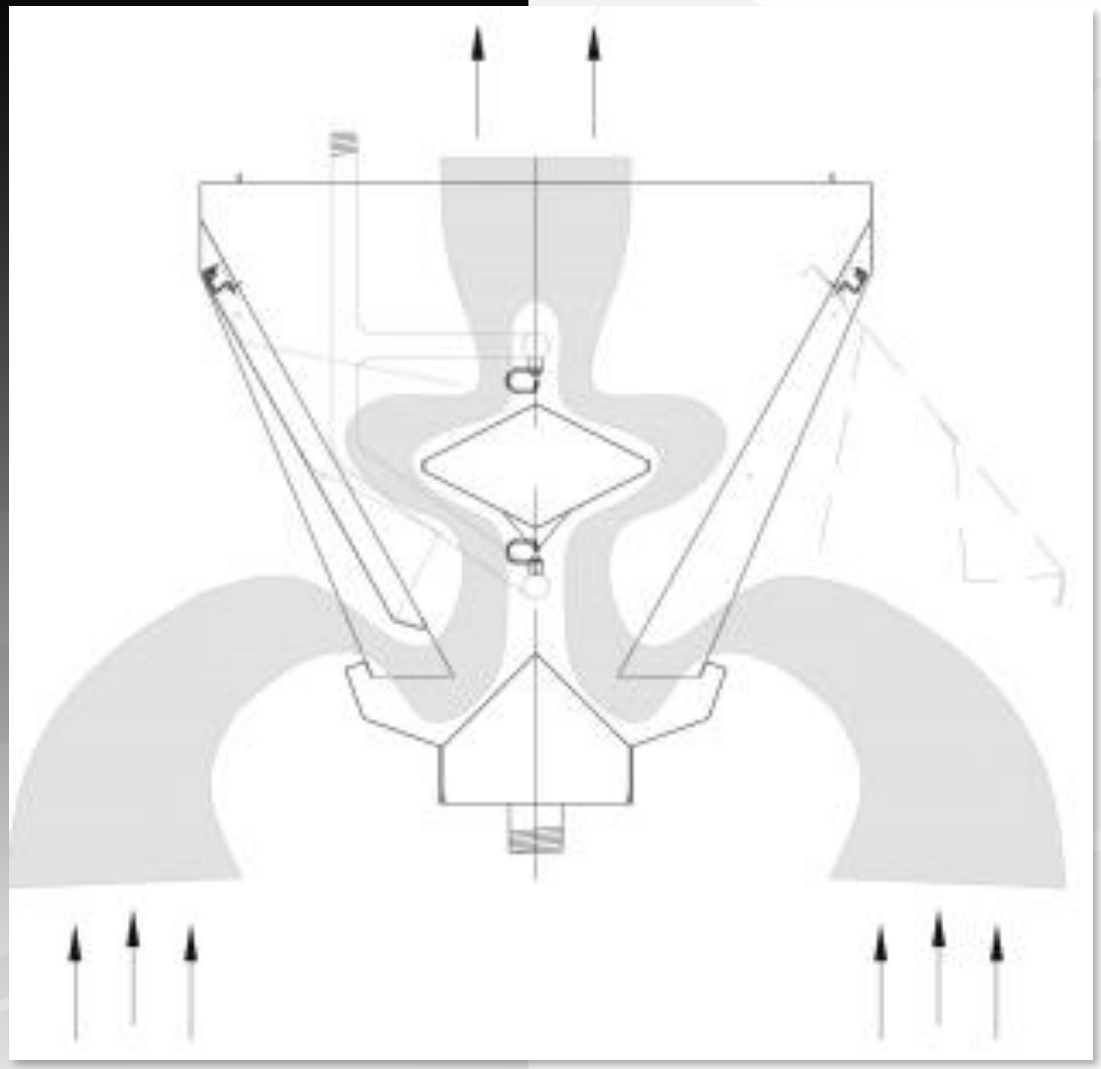
WATER WASH CANOPY



- Automatic wash system
- Requires minimum maintenance
- Efficiency does not depend on maintenance

WATER WASH – OPTIONAL MISTY



- For high grease output
- Suits open fire equipment
- Unique water wash option

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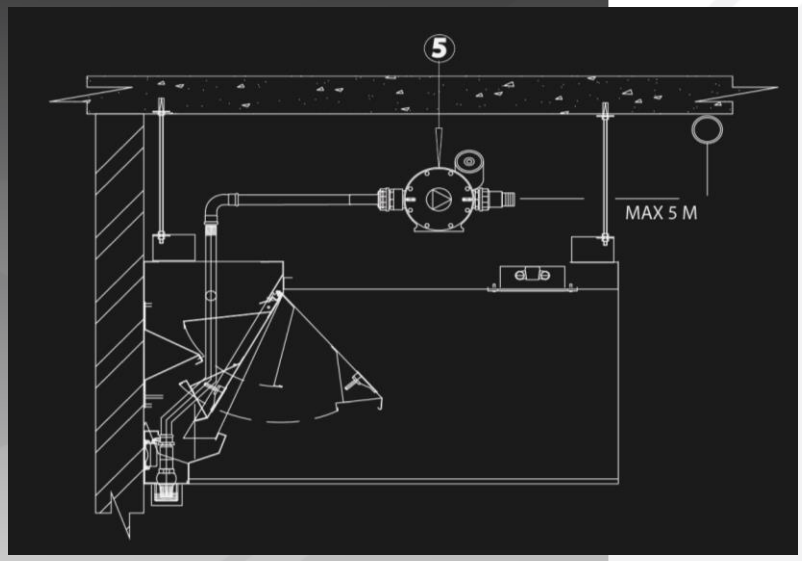
V-DPS PUMP SYSTEM

For Water Wash Misty canopies



- No visible drainage system
- Robust pump system
- Low noise level
- Pumps up water up to 5 m

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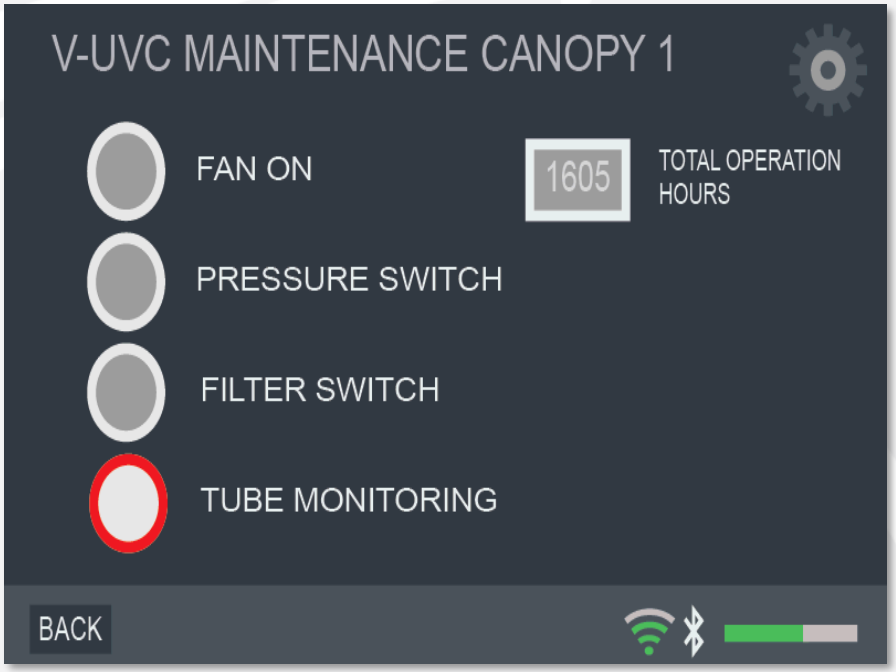
ULTRA VIOLET SYSTEM (UV-C)



UV-C Is not a deodorizer

UV-C Is a grease reducer

- Destroys grease particles in extract air
- Kills bacteria
- Keeps ductwork clean
- Can be installed in existing exhaust systems

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VIANEN WATER WASH-UV CANOPY

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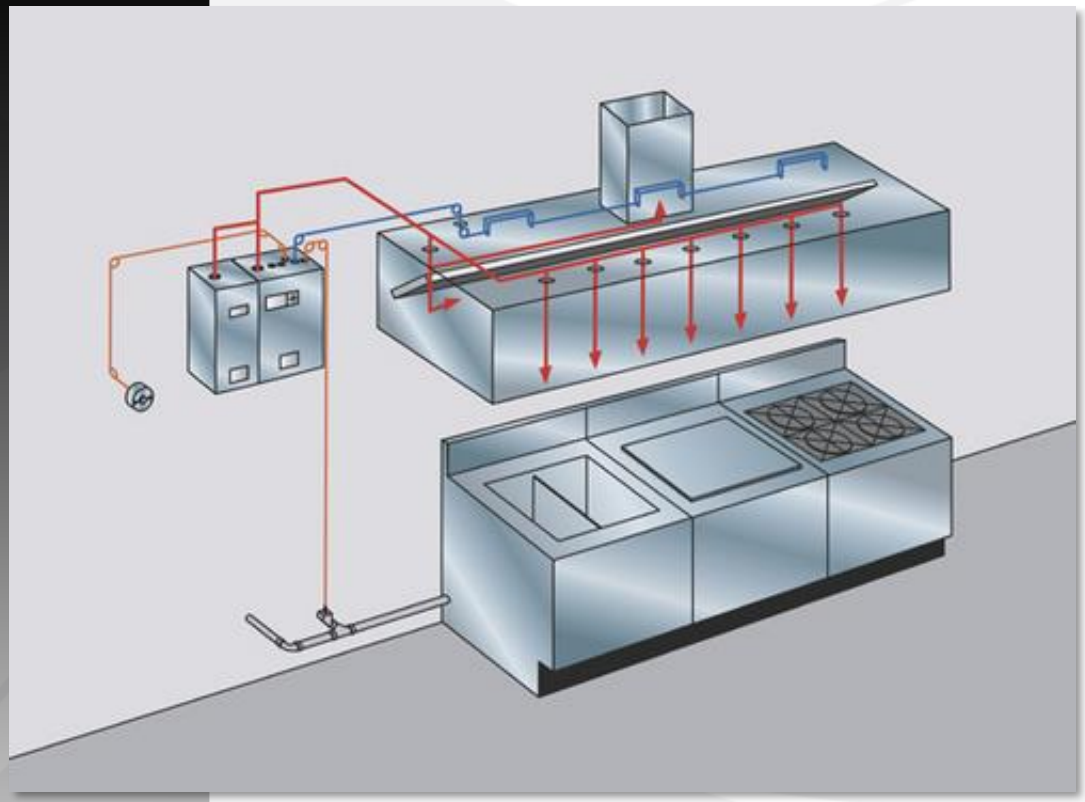
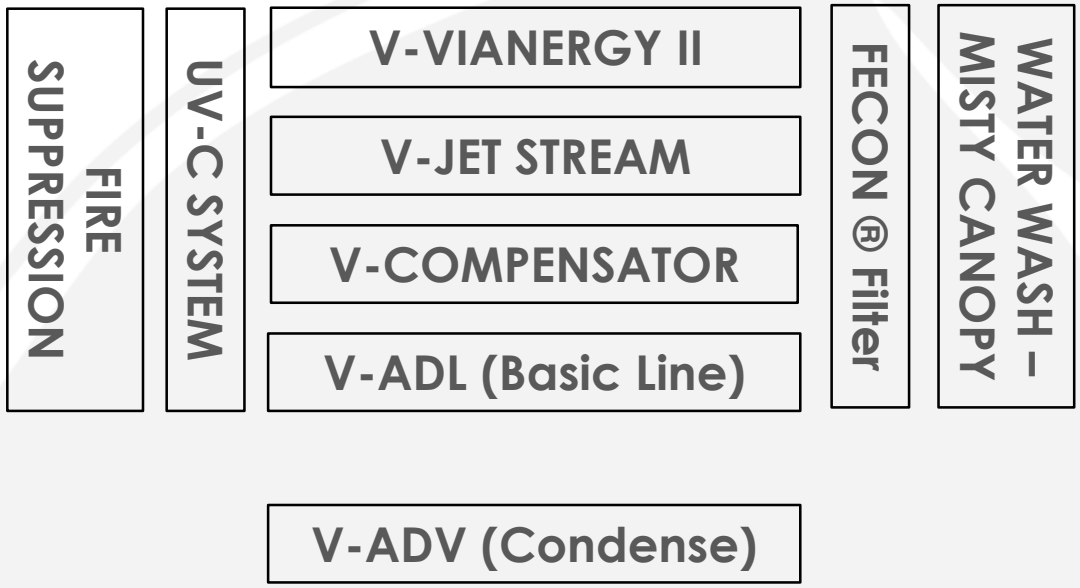
FIRE SUPPRESSION



- Fire suppression nicely integrated in canopy
- Conform local fire regulations
- Works with major A-brand fire suppression systems

CANOPY OVERVIEW



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VIANEN ECOLOGY UNIT

- Modular system
- Efficient odor removal
- Integral air treatment solution
- Flexible placement location

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V- SDU

Service Distribution Unit

- Enables flexibility in equipment placement
- Low maintenance
- Safe service spine solution
- Easy to adjust and maintain

PRODUCTS

VENTILATED CEILINGS

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SPANTILE CEILING

- Enables flexibility in equipment layout
- Automatic wash down system
- High level of hygiene
- Perfect balance in kitchen ventilation

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SPANTILE CEILING

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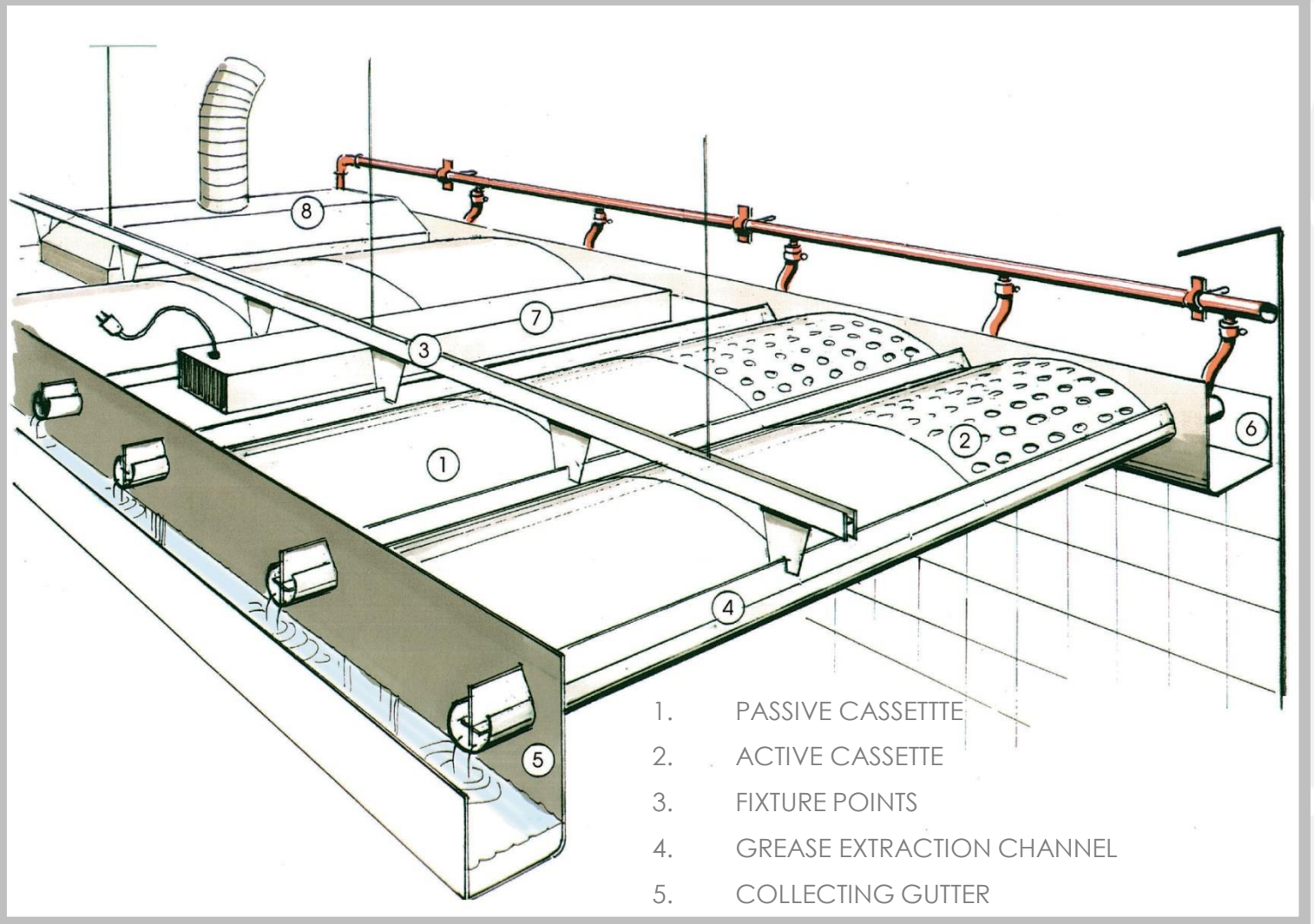
SPANTILE CEILING WASH SYSTEM



1. PASSIVE CASSETTTE
2. ACTIVE CASSETTE
3. FIXTURE POINTS
4. GREASE EXTRACTION CHANNEL
5. COLLECTING GUTTER
6. WATER SUPPLY SYSTEM FOR AUTOMATIC WASH DOWN
7. INTEGRATED LIGHT FITTINGS
8. DRAUGHT-FREE AIR SUPPLY

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VIANEN PLENUM CEILING

- Enables flexibility in equipment layout
- High efficient grease extract rate
- Perfect balance in kitchen ventilation

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VIANEN PLENUM CEILING

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SPANTILE - PLENUM CEILING

- Enables flexibility in equipment layout
- High efficient grease extract rate
- Perfect balance in kitchen ventilation
- Ultimate combination of ease and efficiency
- Automatic wash down system

VIANEN PROJECTS

ON ASSIST
Attention Assist:
Take a break!
R
NP
ECO

CONCLUSIONS

VIANEN

- 38 YEARS EXPERIENCE IN KITCHEN VENTILATION
- INNOVATIVE RESEARCH AND DEVELOPMENT
- DESIGN ENGINEERING
- CERTIFIED BY INTERNATIONAL INSTITUTIONS
- WIDE RANGE OF HIGH QUALITY PRODUCTS
- CUSTOM MANUFACTURING
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