

TROX[®] TECHNİK

THE ART OF HANDLING AIR

**DIGITAL
PRODUCT
GUIDE**



AIR DIFFUSION





TROX[®] TECHNİK

Constant Volume Diffusers



Square Plate

Type DCV

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Square Swirl Diffuser

Type TDF-C

[LEARN MORE](#) ▶



Square 4 Way Blow Diffuser

Type ADLQ

[LEARN MORE](#) ▶



Jet Nozzle

Type DUK

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Round Plate

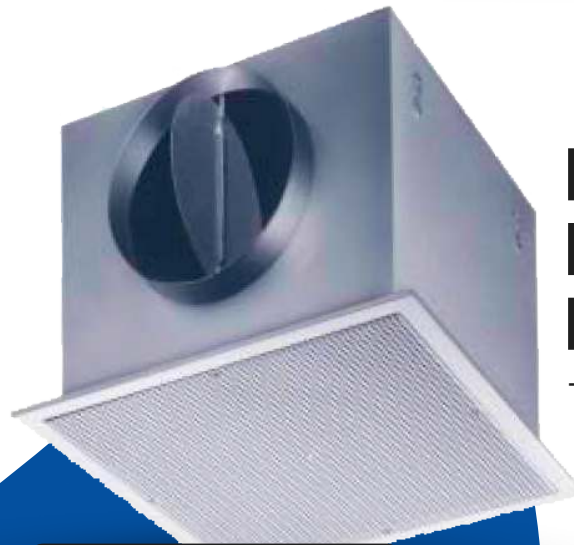
Type RCV

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High Volume Swirl Diffuser

Type VDL

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Perforated Plate Diffuser

Type PPD

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Linear Slot

Type VSD50

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[Air Diffusion](#)

Variable Volume Diffusers



Round Plate

Type RVV

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Evolution X Plate

Plate Type XPV, Q & R

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Evolution X Swirl

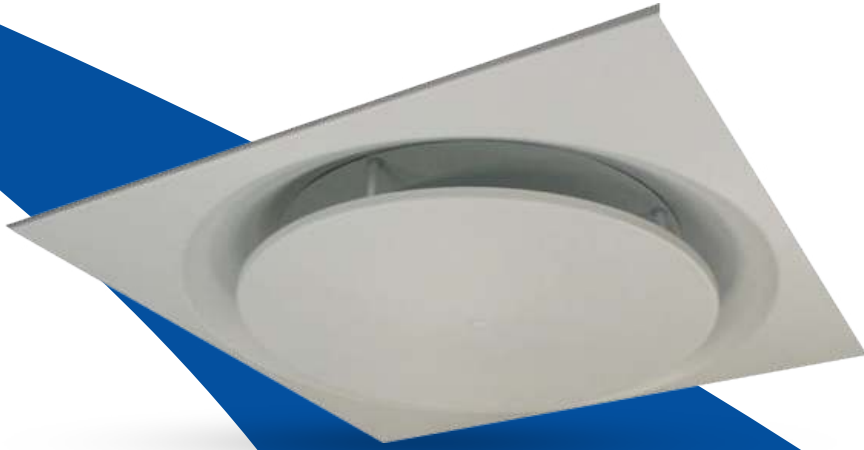
Swirl Type XSV, Q & R

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Square Plate

Type DVV

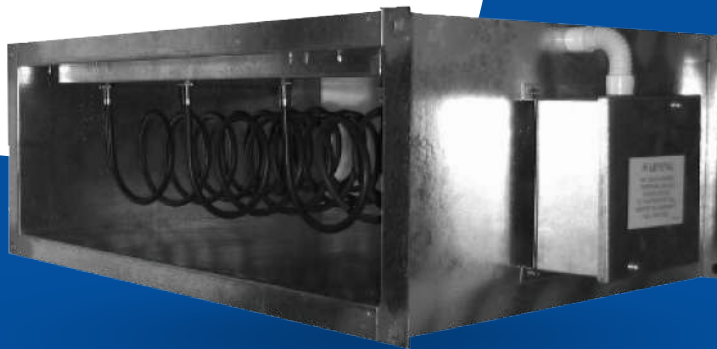
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Square Swirl Diffuser

Type TDF-V

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Heater Bank

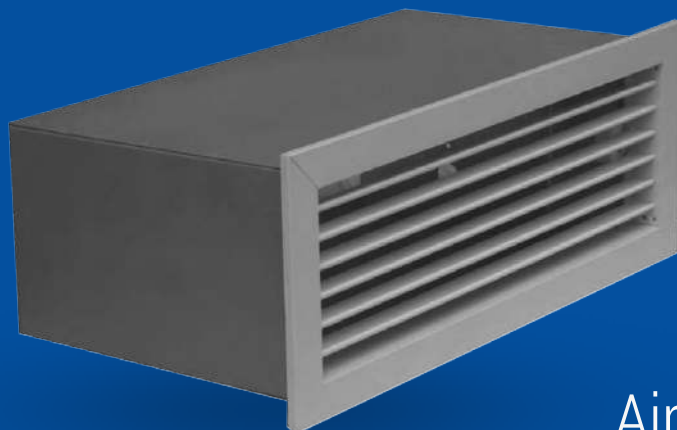
Type TV-HB

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Side Wall Grille

Type SIWV

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Air Diffusion

Grilles & Louvres



Standard Grille Range

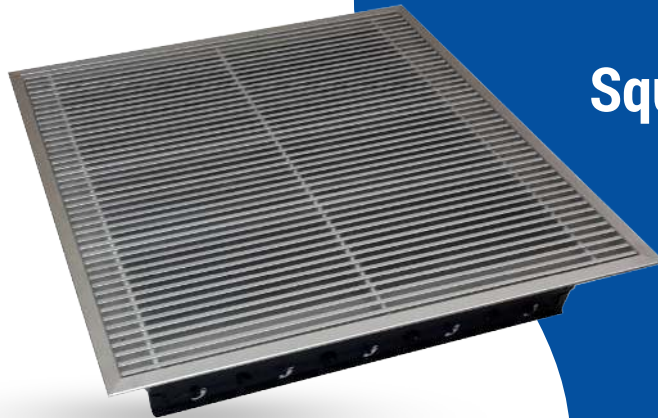
Types AT, VAT, AH, AF, EH, EF, AR, PE, AE

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Industrial Drum Louvre

Type ALL-A

[LEARN MORE](#) ▶



Square Floor Grille

Type AF-A

[LEARN MORE](#) ▶

Sand Trap Louvre

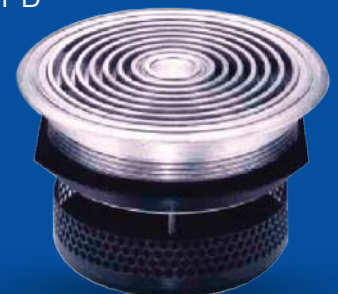
Type AWSL

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Circular Floor Grille

Type FB



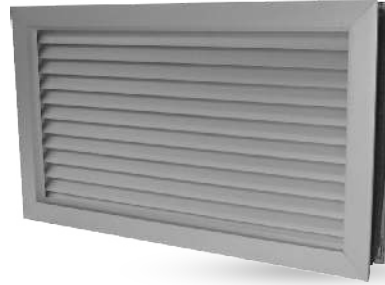
[LINK UNAVAILABLE](#)



Steel & Aluminium Louvres

Types WG, AWG, WGE, AWK, WG-F

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Door Grille

Type AGS-T

[LEARN MORE](#) ▶



Hinged Grilles

Type AR-AF/5B & PE-AF/5B

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Curved Blade Grille

Type ASS-A

[LEARN MORE](#) ▶

Hurricane Louvre

Type AWG-F

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Standard Aluminium Louvre

Type AWL

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Air Diffusion

CONTROL UNITS





TROX[®] TECHNİK

Control Units



Volume Control Damper

Type JS

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Aerofoil Blade Damper

Type JN-B

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Constant Pressure Control Damper

Type CPC

[LEARN MORE](#) ▶

Disk Valves

Disc Valve

Type LVS & Z-LVS

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Non Return Damper

Types ARK & ARK1, ARK2

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Pressure Relief Damper

Types AUL, UL, KUL

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Low Leakage Damper

Types JZ, JNE, JZ-L, JZD-G

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[Control Units](#)

Control Units

Continued

Square CV Flow Regulator

Type EN

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Circular VAV Flow Regulator

Type TVR-Easy

[LEARN MORE](#) ▶



Gas Tight Damper

Type NAK

[LEARN MORE](#) ▶



Square VAV Flow Regulator

Types TVJ-Easy, TVT-Easy

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Volume Flow Rate Controller

Type R

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Circular Duct Damper

Type BD

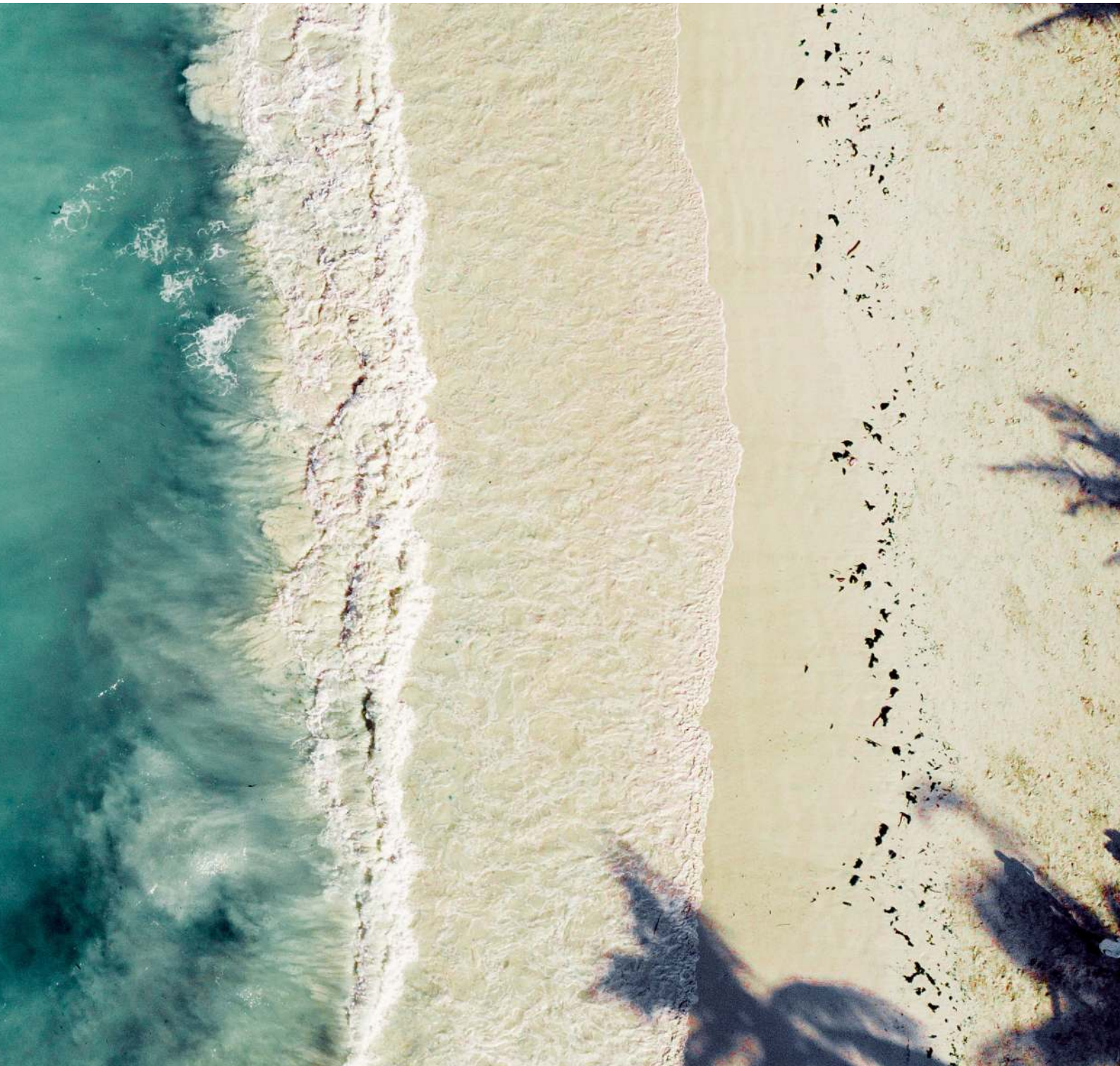
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Control Units

FIRE PROTECTION





TROX[®] TECHNİK

Fire Protection

[View Certificate](#)



Rectangular Fire Dampers

Type FDF

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Shutter Type Fire Damper

Type FSD

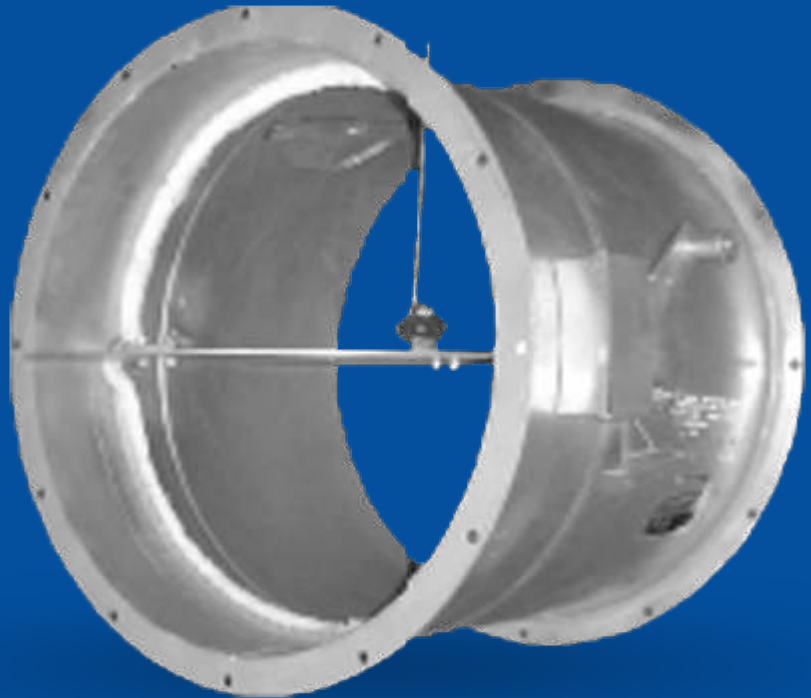
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Circular Fire Dampers

Types FRK, FRL

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Smoke Detector

Type RM-0/2

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AIR HANDLING UNITS





TROX[®] TECHNİK

Air Handling Units 

The Xe Cube Air Handling Unit

Type EC-V & EC-H

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 **eCUBE**

- *Plug fans & heat exchanges for improved system efficiency.*



- *PVC extrusions for improved resistance to corrosion.*
- *Constructed and tested in accordance with EN 1886 standards.*
- *Adjustable feet for on-site leveling.*

- *Constructed and tested in accordance with EN 1886 standards.*

Horizontal and vertical air handling units designed for comfort cooling, hospitality, medical and industrial applications.

AIR PURIFICATION



UNITS

TROX Air Purification Unit

Type EC-V & EC-H

LINK UNAVAILABLE

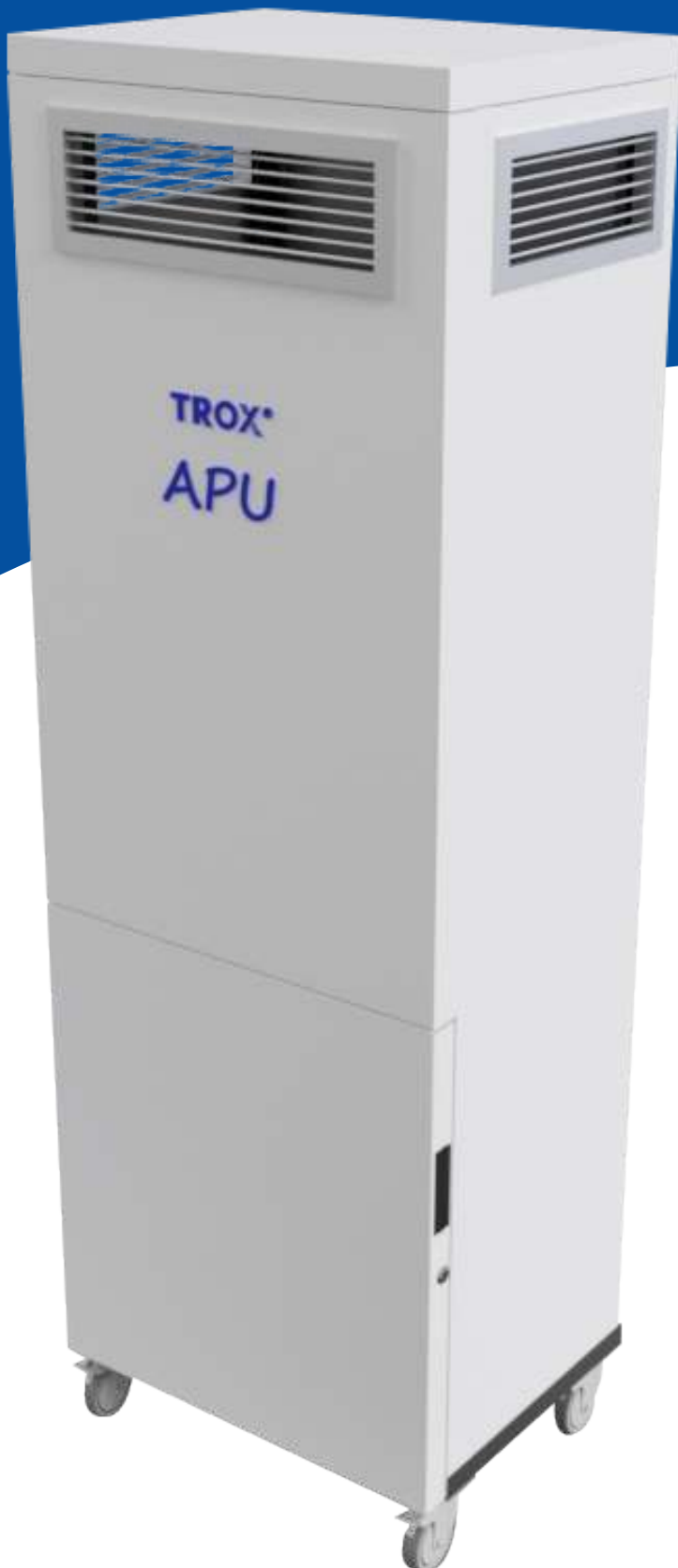
Flexibility makes room for endless applications. The mobility provided by each unit allows for dynamic configurations that can accommodate the challenges faced by our ever growing need for purified air.



TROX understands the art of competently handling air like no other company. Since its foundation in 1972, TROX South Africa has been developing sophisticated components and efficient systems for ventilation and air conditioning as well as for fire and smoke protection. Dedicated research has made TROX a leader of innovation in these fields.

Air purification, plug and play. With the air purification units TROX continues to set new standards. TROX offers air purification from a ductless systems that simply requires a plug outlet.

This unique solution was specifically developed for medical applications to assist with limiting the spread and distribution of infections and viruses by constantly filtering and sterilizing the air. Designed for high level air filtration applications, these units are more than suitable for industrial and commercial applications.



Air Purifier

Type TAP

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The TROX APU is an innovative new addition to the TROX range of air distribution and air management product range.

The concept came about in April 2020, when the COVID-19 Pandemic took a full grip on South Africa, and the entire country went into lockdown.

All industries had to close down, due to the danger of the COVID-19 virus spreading uncontrollably, and there was no known means of controlling the spread of the virus, nor reducing the risk of spread.

TROX has always been at the forefront of innovation in Air control and creating an environment, worldwide, which made it comfortable for people to work and enjoy leisure activities, without having to be concerned about the quality of the air which they breath in every day.

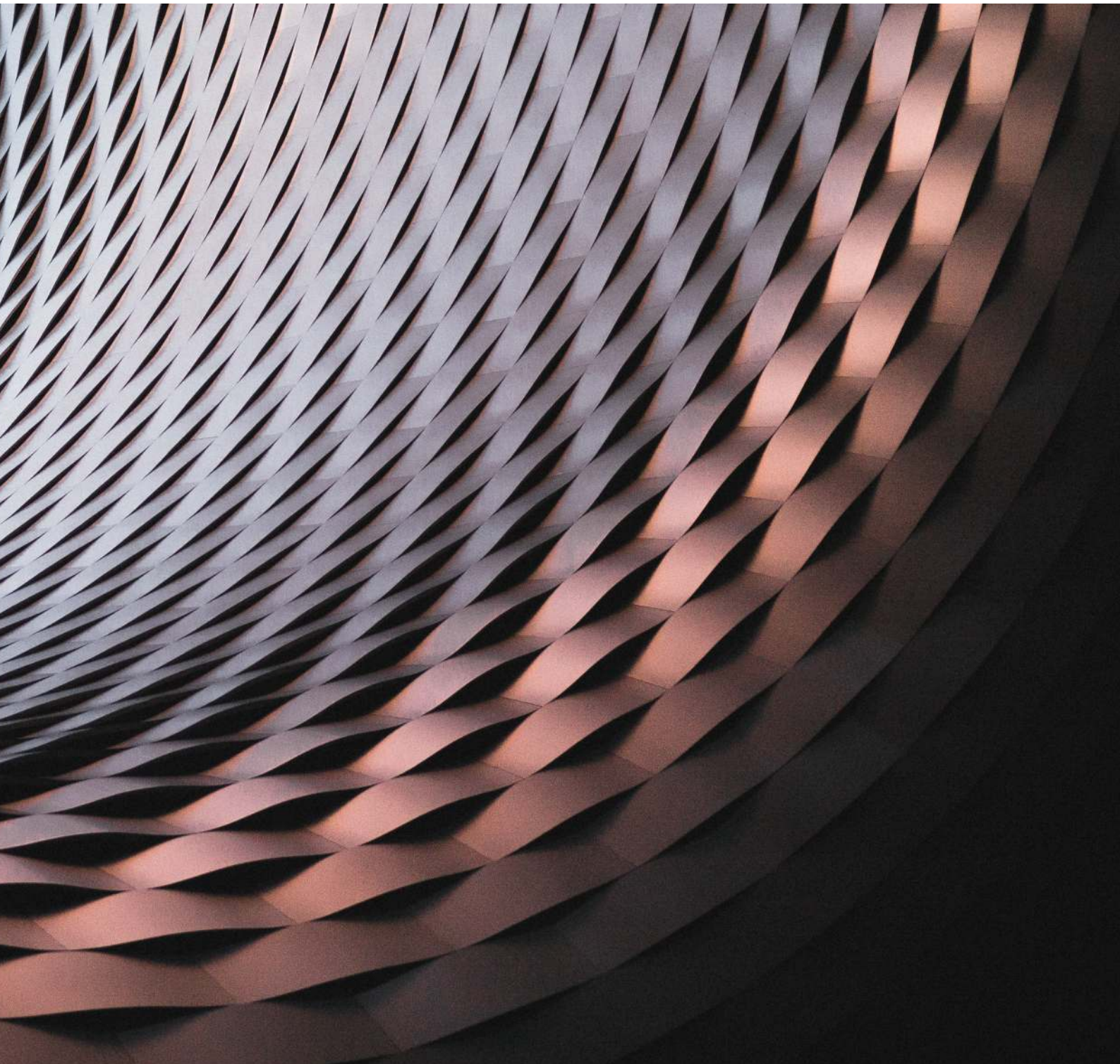
TROX has a very strong presence in the world market, and the same applies to our local South African market. One of our strongest product applications is the Medical field, as we have designed, manufactured and installed countless Air supply solutions to the Medical field, in the form of AHU's, specialised filtration systems and especially to Operating theatres and labs, where extremely high quality of air is needed to prevent contamination and spread of bacteria and viruses.

Trox Indoor Air Purification Unit

- These new units feature high level filtration, in the form of a small, portable, convenient package.
Available with horzital and vertical discharge
- The unit contains a plug fan for energy efficient usage and each unit comes with a fan speed control, which allows the units to be set at different speeds as and when different air flows, etc are required.
- Primary, and HEPA filters ensures 99.95% of particles are filtered out of air.
- UV lights can be supplied as an additional extra
- Quality Engineered, these units offer continuous cleansing and cycling of air within an enclosed / isolated area.
- Application is totally flexible, and based on the required ACH and size of the room which needs continuous air cleansing, units can be added or removed as required.
- Due to the small size [dimensions] each unit can be wheeled into an area / room, via a standard door entrance
- The mobile nature of the unit also eliminates any installation costs, as the unit does not require ducting and runs off a regular 230 v wall socket. It is totally self-contained and filters can easily be removed for cleaning or replacements, via the front of the unit.

ACOUSTICS





TROX[®] TECHNİK

Acoustics

Circular Sound Attenuators

Types CA, CB, CF, CS

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Rectangular Splitter Attenuators

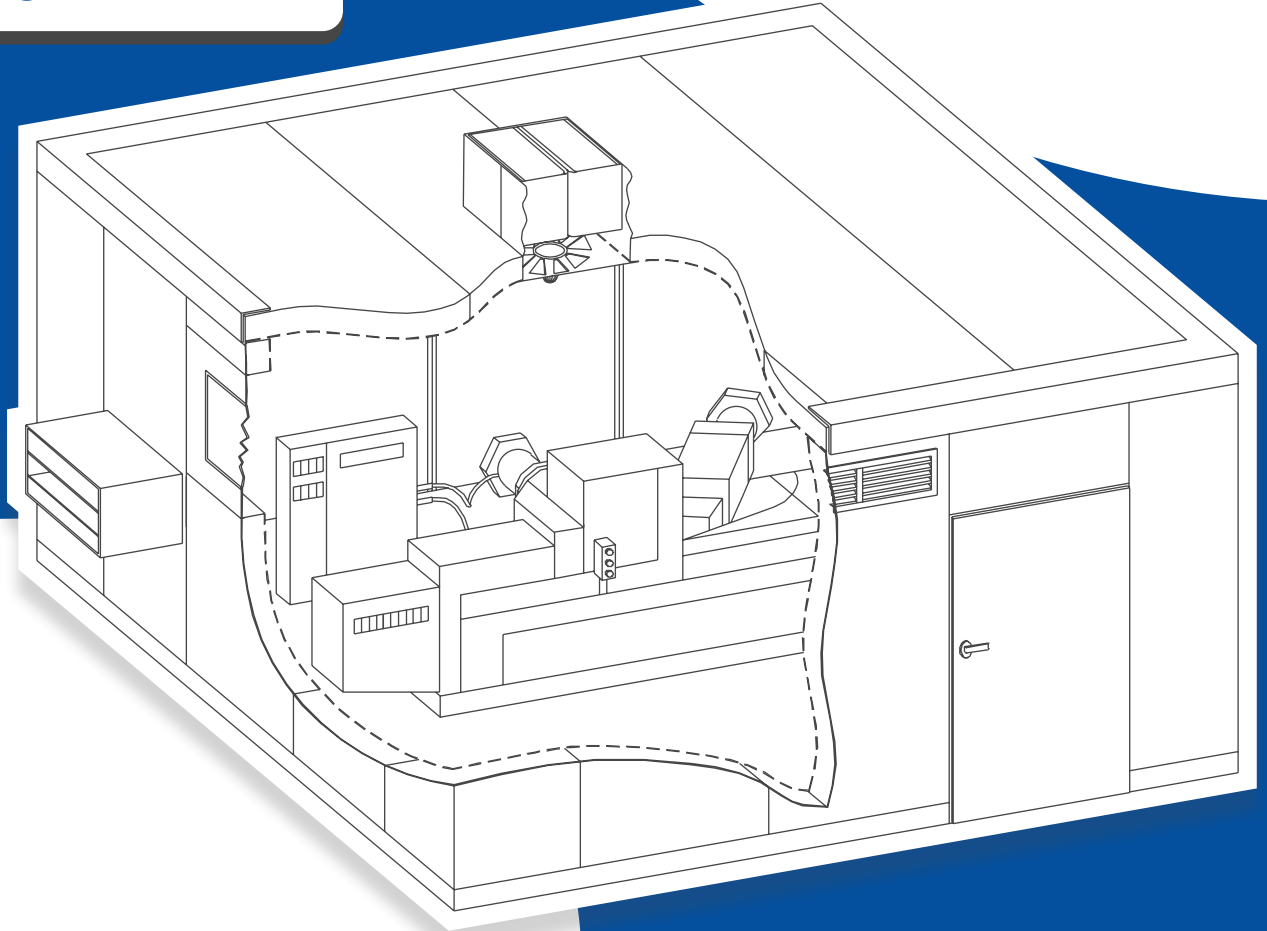
Types XSA200, XSA300
XKA200, XKA300

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Noise Control Enclosure

Types SKS, SKR

[LINK UNAVAILABLE](#)



Acoustic Louvres

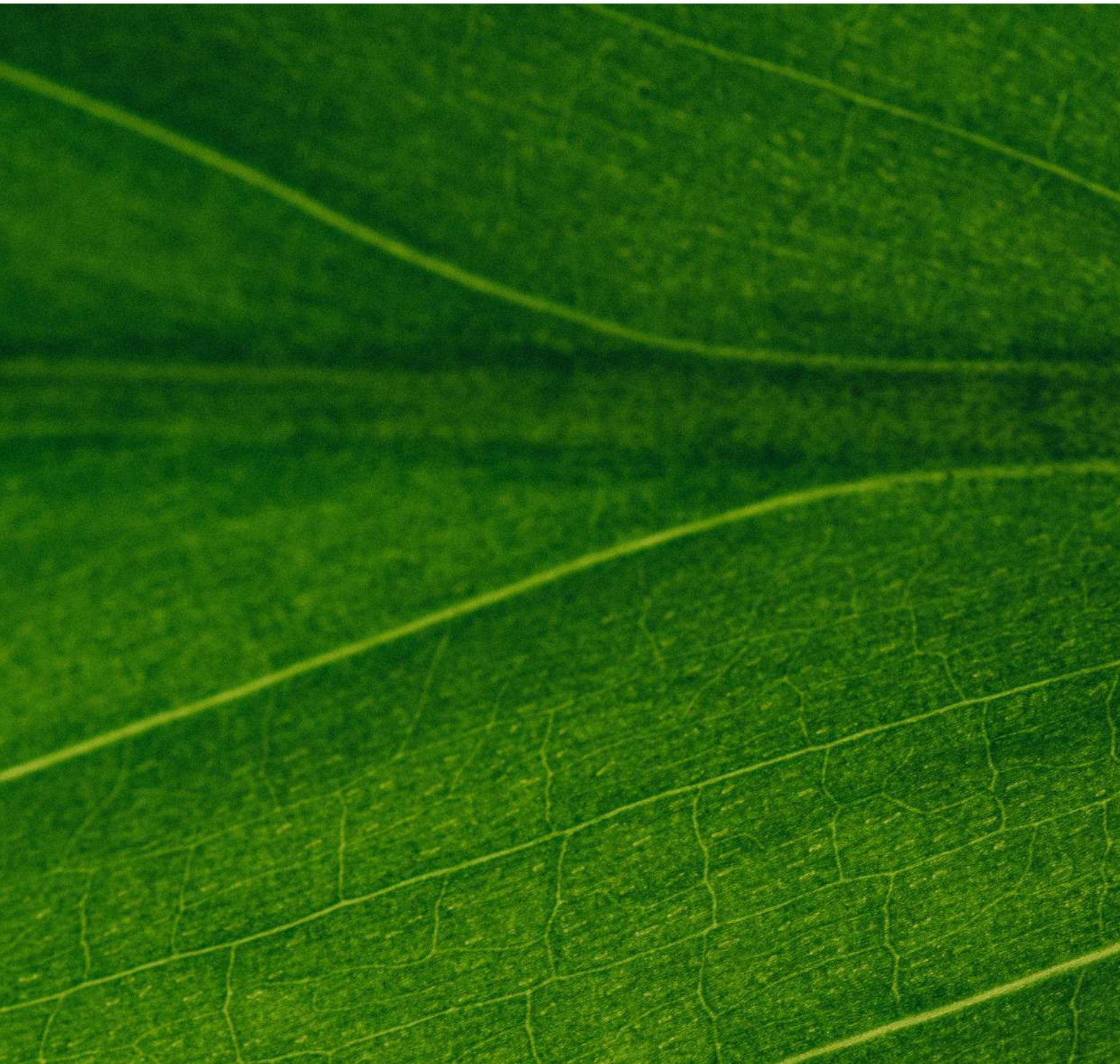
Type NL

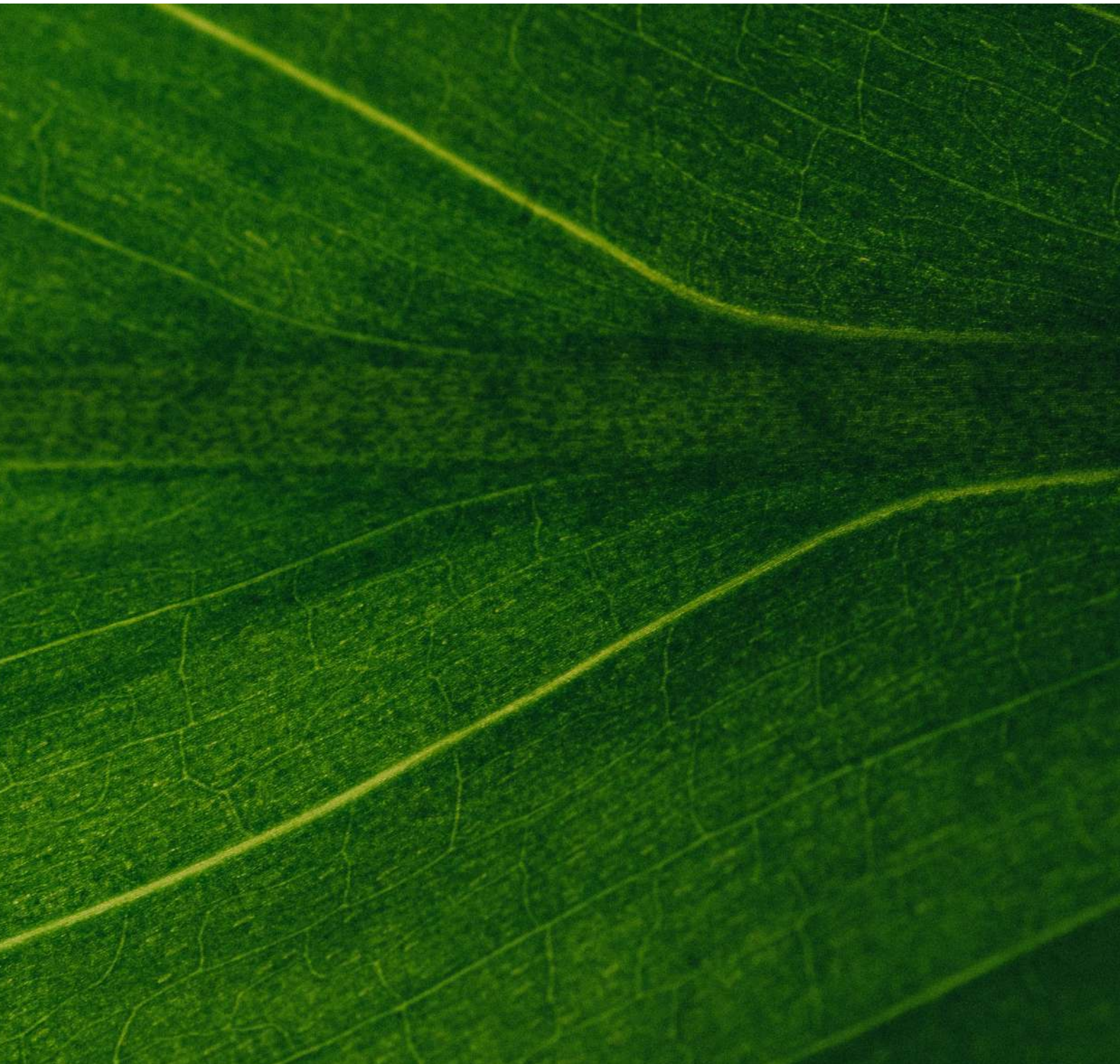
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Acoustics

DOORS





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Low Leakage Steel Door

Type ST-XT

LEARN MORE 

Low leakage steel

Designed for use in air conditioning systems, plant rooms, filter plenums, air handling units etc. If exposed to the weather the steel doors should be protected with anti-corrosion paint.

The stable construction guarantees a very low leakage even with high pressure differentials. Good sound insulation is also achieved in the construction with additional acoustic treatment (X versions).



Doors

FILTERS





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Filters



Pocket Filter

Type PFS

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Washable Pleated Filter

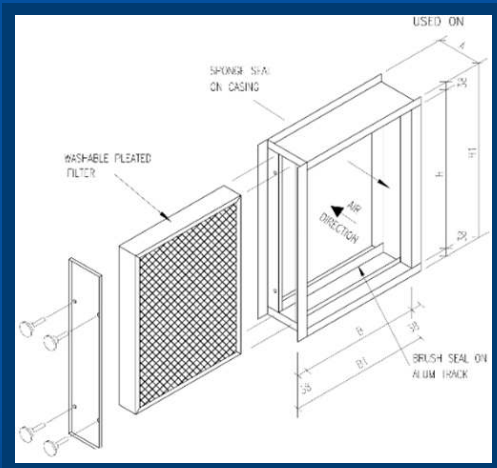
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HEPA Filter

Type MFC

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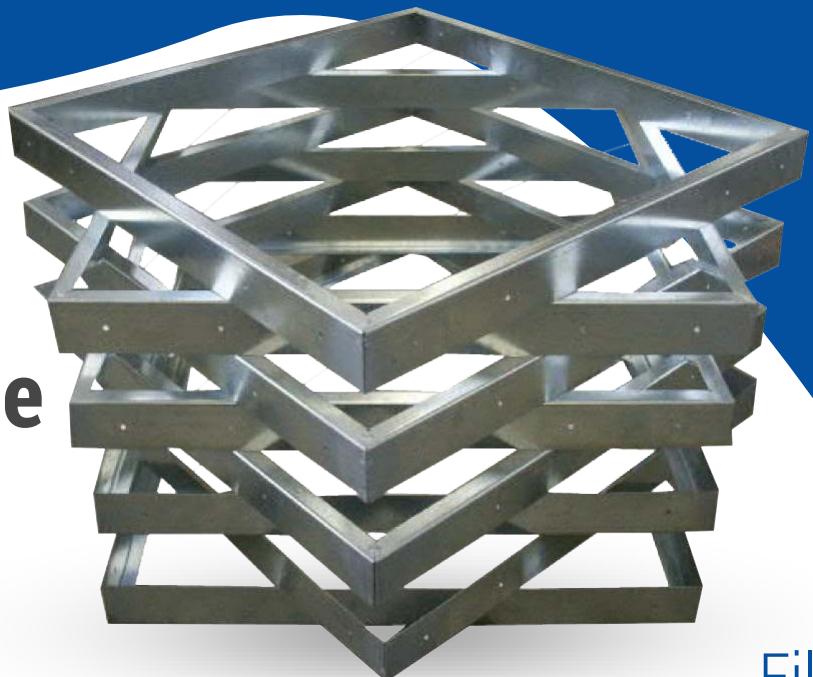


Side Access Housing

[LINK UNAVAILABLE](#)

Galvanised Holding Frame

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TROX[®] TECHNIK

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