



Choose your design

Want to make an air purification statement? Or prefer something more subtle? Choose a design that will stand out or blend in to your business.



Standard

Forest

River

Custom

Accessories

A range of extras can provide that finishing touch for your units, ensuring they're working exactly as you need them to be.

Accessories	Description
Spark protection	Reduces risk of fire and is suitable in welding and machining environments
Wheels	Can be used for floor-standing installations
Block plate	To block one or more of the unit's air outlets
Welding hood	Improves the air cleaning at welding stations by directing the air towards the unit's inlet
Dust-tray	Prevents dust from falling out of the unit and is suitable for use in sensitive environments

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High clean air delivery rate
Distributes clean air further and faster



Sensor-based airflow
Adjusts itself to surrounding pollution



Modular design
We custom-build and adapt for you



Flexible installation
Mount on ceiling, wall or floor and at any angle

Zehnder CleanAir Max – what gives it the Wow! factor



Product leaflet

Zehnder CleanAir Max

Get maximum clean air for your business: with smart technology, a modular design and world beating filter systems.



All in one dashboard

How effective are your air purifiers? How much air do they clean? What is the CADR? Or: How much energy do your clean air systems consume? Simply check your CARA dashboard with ease to quickly find the answers, examine your tailored reports and review historical data.

Real-time monitoring

Using real-time data and sensors, we are able to optimise your industrial air cleaners so that they always meet your needs. Want to ensure that you're continually meeting legal limitations? Or want to increase your energy costs saving potential? Now you can track in real-time how adaptations and optimisations benefit both your air quality and bottom line!

Intelligent air cleaning

CARA can take care of all your air cleaning needs – smartly! Our cutting-edge smart technology analyses your environment from the inside out, anticipating changes and continuously responding to them. Best of all, CARA always prioritises cost effectiveness and delivers just the right amount of magic for your air cleaning.

Maximum intelligence

Our clean air remote application (CARA) gives you even more control of the air quality in your business, with more efficiencies and cost-savings too.

Maximum versatility

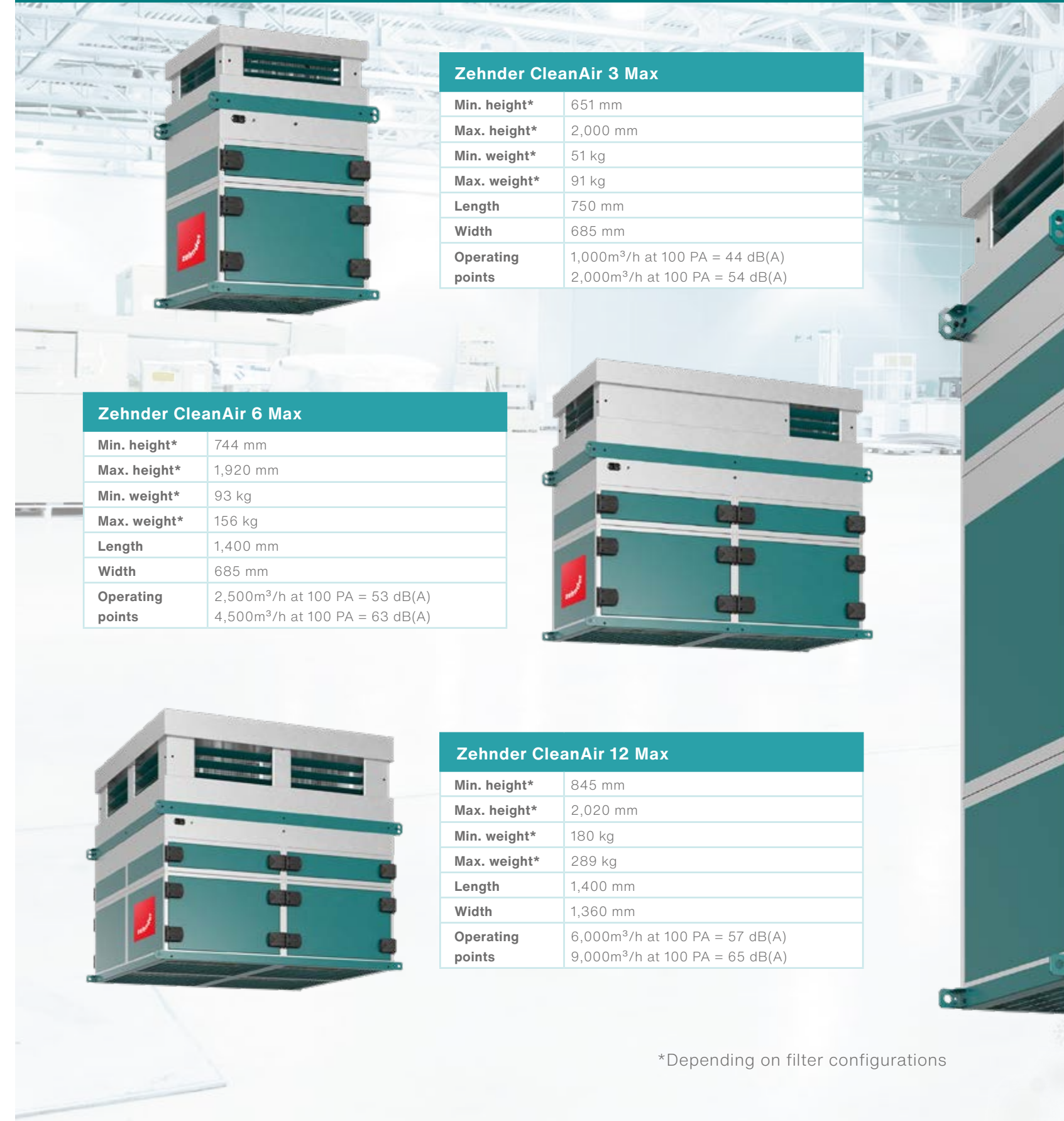
- A modular system ensures we can create an air cleaner to fit your individual environment.
- Different filters combined in many different ways give you almost limitless filter options to tackle your dust problem perfectly.
- Multiple hanging options mean units can be positioned anywhere and at any angle to better capture all pollution.
- Future proof and effortless flexibility – as your business grows and changes, units can be easily relocated and filter modules added or removed.

Maximum performance

- Multi-step filtration captures more pollution than ever.
- Four outlets with vertical wing design ensure clean air is dispersed in every direction.
- Improved fan integration to distribute clean air further and faster.
- Super-efficient motors save energy and guarantee optimum performance.

The future of air purification

Vital statistics – Zehnder CleanAir Max sizes and specifications



Zehnder CleanAir 3 Max	
Min. height*	651 mm
Max. height*	2,000 mm
Min. weight*	51 kg
Max. weight*	91 kg
Length	750 mm
Width	685 mm
Operating points	1,000m³/h at 100 PA = 44 dB(A) 2,000m³/h at 100 PA = 54 dB(A)

Zehnder CleanAir 6 Max	
Min. height*	744 mm
Max. height*	1,920 mm
Min. weight*	93 kg
Max. weight*	156 kg
Length	1,400 mm
Width	685 mm
Operating points	2,500m³/h at 100 PA = 53 dB(A) 4,500m³/h at 100 PA = 63 dB(A)

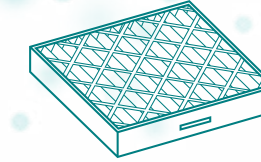
Zehnder CleanAir 12 Max	
Min. height*	845 mm
Max. height*	2,020 mm
Min. weight*	180 kg
Max. weight*	289 kg
Length	1,400 mm
Width	1,360 mm
Operating points	6,000m³/h at 100 PA = 57 dB(A) 9,000m³/h at 100 PA = 65 dB(A)

About our industrial air filters

Zehnder's filters capture pollution particles of every shape and size with an independently certified dust holding capacity. Our unique approach combines different types of filters in many different ways to provide an almost limitless number of options. This way we can guarantee filter solutions for businesses of all sizes and from any sector.

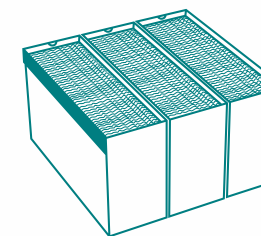
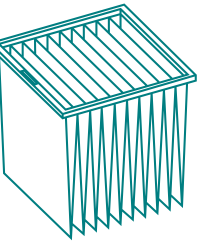
Compact or HEPA filters

These range from coarse filters for trapping larger pollution particles, to what's known as HEPA filters for capturing the ultrafine particles that are particularly harmful to health.



Bag filters

Typically installed in places with very large amounts of dust. They can be used on their own or work in a combination as a pre-filter (before the main filter) or second filter.



Flimmer filters

Polypropylene fibres capture pollution particles using an electrostatic charge. Unlike some other filters, the Flimmer allows a high rate of airflow through it, even when it contains lots of dust.

Go with the flow

Zehnder's unique, multi-step air filtering process

*Depending on filter configurations