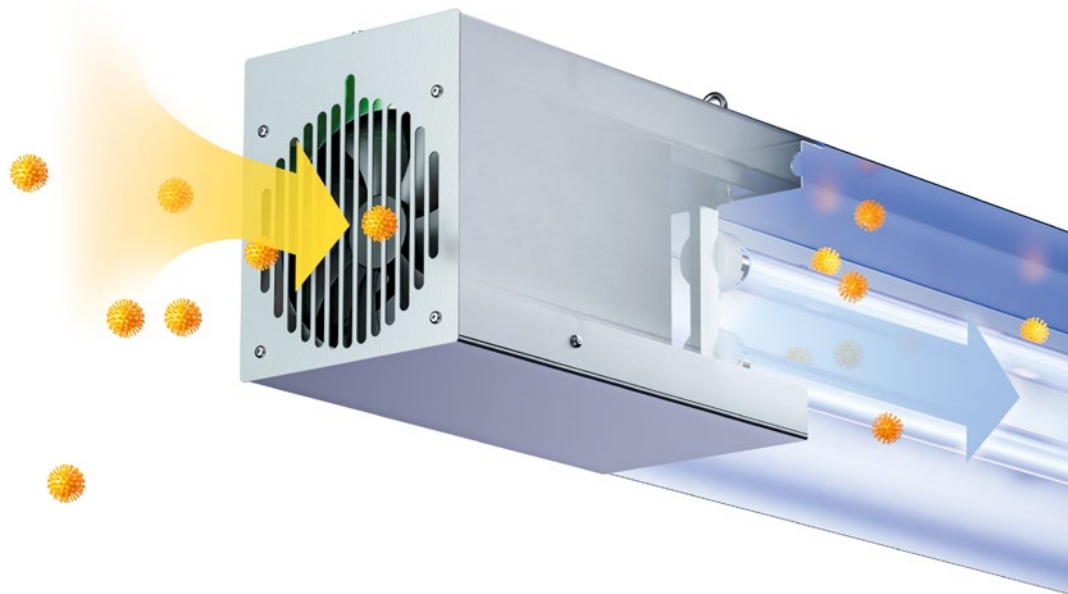


BUENOS AIRES UV-C

Air disinfection unit
with UV-C technology



BUENOS AIRES UV-C SAFETY THROUGH LIGHT



The BUENOS AIRES UV-C air disinfection unit actively draws in ambient air. Inside the air disinfection unit, the airborne bacteria, fungi and viruses are neutralised by means of UV-C lamps.

For decades, the principle of disinfection by UV-C has been successfully utilised in ventilation systems, clean rooms and hospitals. The BUENOS AIRES UV-C air disinfection unit can also reduce the virus load in areas where no ventilation systems have previously been used to disinfect the ambient air, such as in waiting rooms at doctors' surgeries, in classrooms, social and recreation rooms or small production rooms.

Not only that – the BUENOS AIRES UV-C air disinfection unit is low maintenance, quiet and ozone-free.

The BUENOS AIRES UV-C air disinfection unit is available as a version with an air flow rate of 100 m³/hour, or 180 m³/hour as a wall or ceiling-mounted version in stainless steel, black or white.

Visit our website norka.com for more details or give us a call!

**For more
information visit
our website
norka.com**

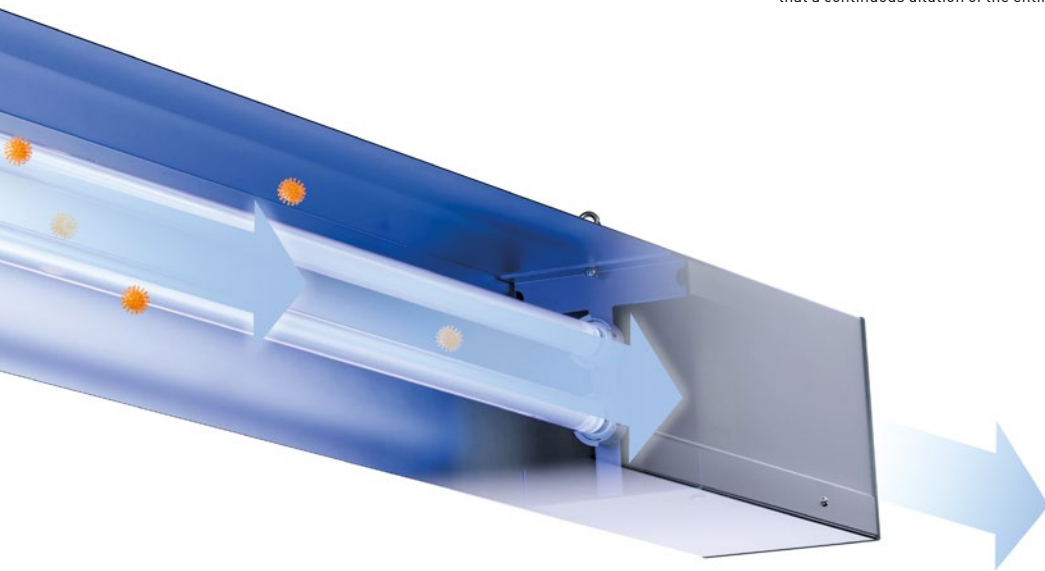
**Virus load
reduced by
as much as
99.99%**

60 m³ space in 34 minutes

The UV-C lamps used reduce the virus and germ load in the contaminated air by 99.99% (LOG4). Its air flow rate of 180 m³/hour enables the BUENOS AIRES UV-C air disinfection unit to disinfect the air in a 60 m³ room by as much as 80% within 34 minutes.

Room size	Disinfectant rate	BUENOS AIRES UV-C version	
		100 m ³ /h – 20 dB (A)	180 m ³ /h – 32 dB (A)
60 m ³	80%	59 min	34 min
	90%	85 min	48 min
100 m ³	80%	98 min	55 min
	90%	140 min	78 min

The example calculations are based on the assumption that 100% of the room air is contaminated with viruses, etc., at the beginning of the disinfection process and that a continuous dilution of the entire room air takes place.



People present? No problem!

Many air disinfection systems can only be operated in unused rooms or require elaborate planning in order to rule out any harm to room occupants from UV-C radiation. The BUENOS AIRES UV-C air disinfection unit, however, can be used even when there are people in the room. The housing design ensures that harmful radiation cannot penetrate to the outside. This allows the BUENOS AIRES UV-C air disinfection unit to be used, for example, in waiting rooms in doctors' surgeries, in classrooms, seminar rooms or small production rooms even when these are occupied.

Extremely quiet thanks to its 20 decibels

The BUENOS AIRES UV-C air disinfection unit runs quietly in the background: with an operating volume of 20 decibels, the ability of people to concentrate – whether in class, in examination situations or in a meeting – is not impaired in any way. With a maximum sound pressure level of 32 decibels, the version with 180 m³/hour air flow rate unobtrusively ensures clean air.

BUENOS AIRES UV-C version	Sound pressure level	Sound pressure level comparative example
100 m ³ /h	20 dB (A)	Quiet room
180 m ³ /h	32 dB (A)	Typical household background noise

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