



SAUBERLUFT



GOLDENSEA UV

The challenge



Our daily routine enhances transmission of pathogens like SARS-CoV-2 (COVID 19) and there is evidence that this is a significant route of infection in indoor environments*.

Confined and crowded spaces lack filtered air circulation- even our HVAC systems generally only recycle dirty air.



Our outside environment, full of pollution finds its way into our living spaces.

Our indoor environment is full of dust particles and harmful emissions from the items around us.

**Airborne transmission of SARS-CoV-2: The world should face the reality", Lidia Morawska and Junji Cao, 2020

Safe

- No ozone
- No harmful chemical compounds
- No UV-C radiation exposure
- Can be used with people present

Effective

- UV-C light inactivates SARS-CoV-2
- Up to 99.9% of viruses are inactivated after passing once thru the unit
- Significant reduction of bioburden in general



Applications



Anywhere there are people UVAIR is the right choice!



Hospitals



Offices



Supermarkets



Fitness clubs



Restaurants



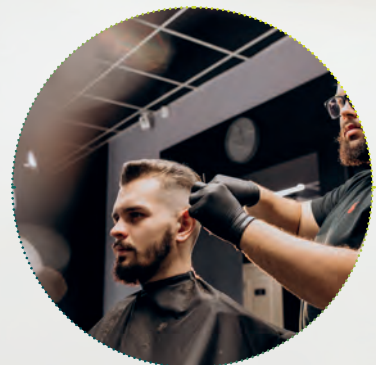
Lobbies



Classrooms

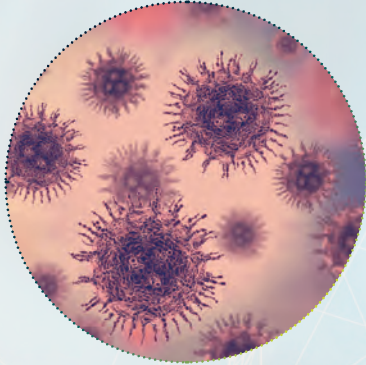


Waiting rooms

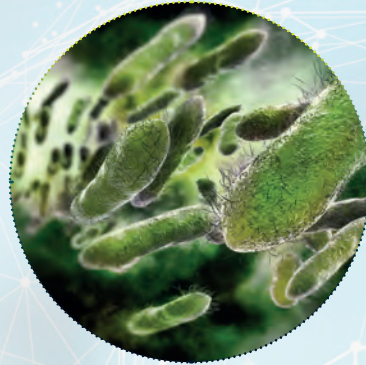


Small businesses

What are you inhaling?



Viruses



Bacteria



Pollution



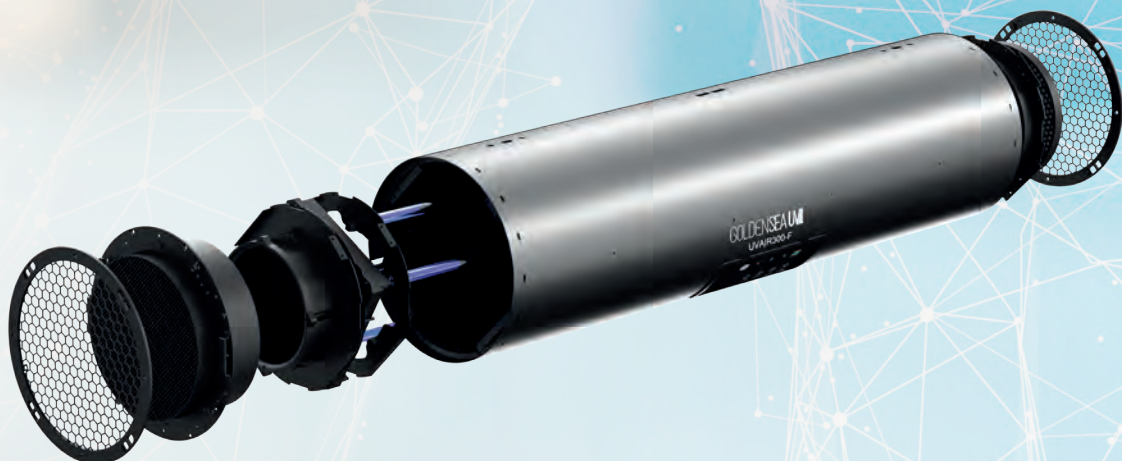
Pollen



Dust

All of which result in unhealthy living environments.

Breathing clean air is life and UVAIR, with its multi-stage filtration technology purifies the air we breathe.

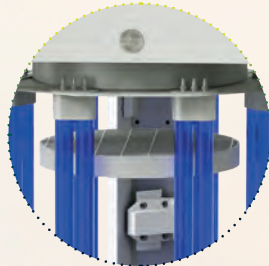


The solution - UVAIR

4 Stage filtration*



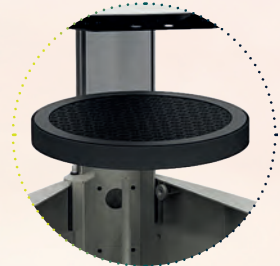
Pre filter



HEPA E11 filter



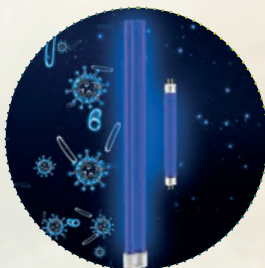
UVC Tubes



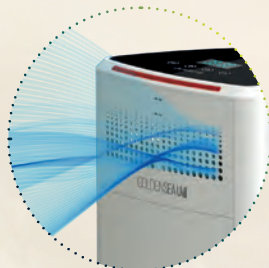
Active carbon filter

*UVAIR 300-F uses 3 stage filtration without HEPA filter

Proven technology



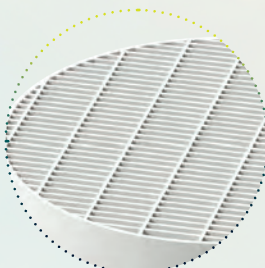
Philips UVC
Lamp tubes



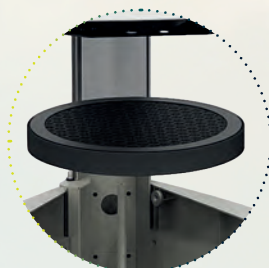
UVAIR Chamber

The UVAIR chamber instantly inactivates up to 99.9% of SARS-Cov-2.

True HEPA & Active Carbon



True HEPA
E11 filters



Active carbon filter

TRUE HEPA E11 filter captures > 95% of particles that are > .03microns in diameter.

Active Carbon filter eliminates odours in the room and those created by the purification process.

Safe



100% safe for use with people present

No UVC radiation outside of the enclosure



High volume air change

Up to **1,000** cubic meters per hour

Intelligent airflow



Quiet



Auto



Max

40 dBa for environments requiring quiet operation
Full flexibility for your setting and changing needs

Long life tubes

9,000 hours



User friendly operation



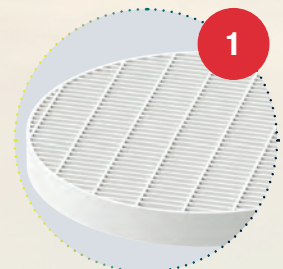
Multifunction display



Easy to control via
app or remote



Air quality feedback



Filter change alert

The range



UVAIR 300-F

Fixed Installations
Large rooms
3 Stage filtration
Up to 1,000 m³ ACH

Multiple installation options
Easy change filters
App based control



UVAIR 216

Mobile
Large rooms
4 Stage filtration
Up to 800 m³ ACH
Easy change filters
App based control

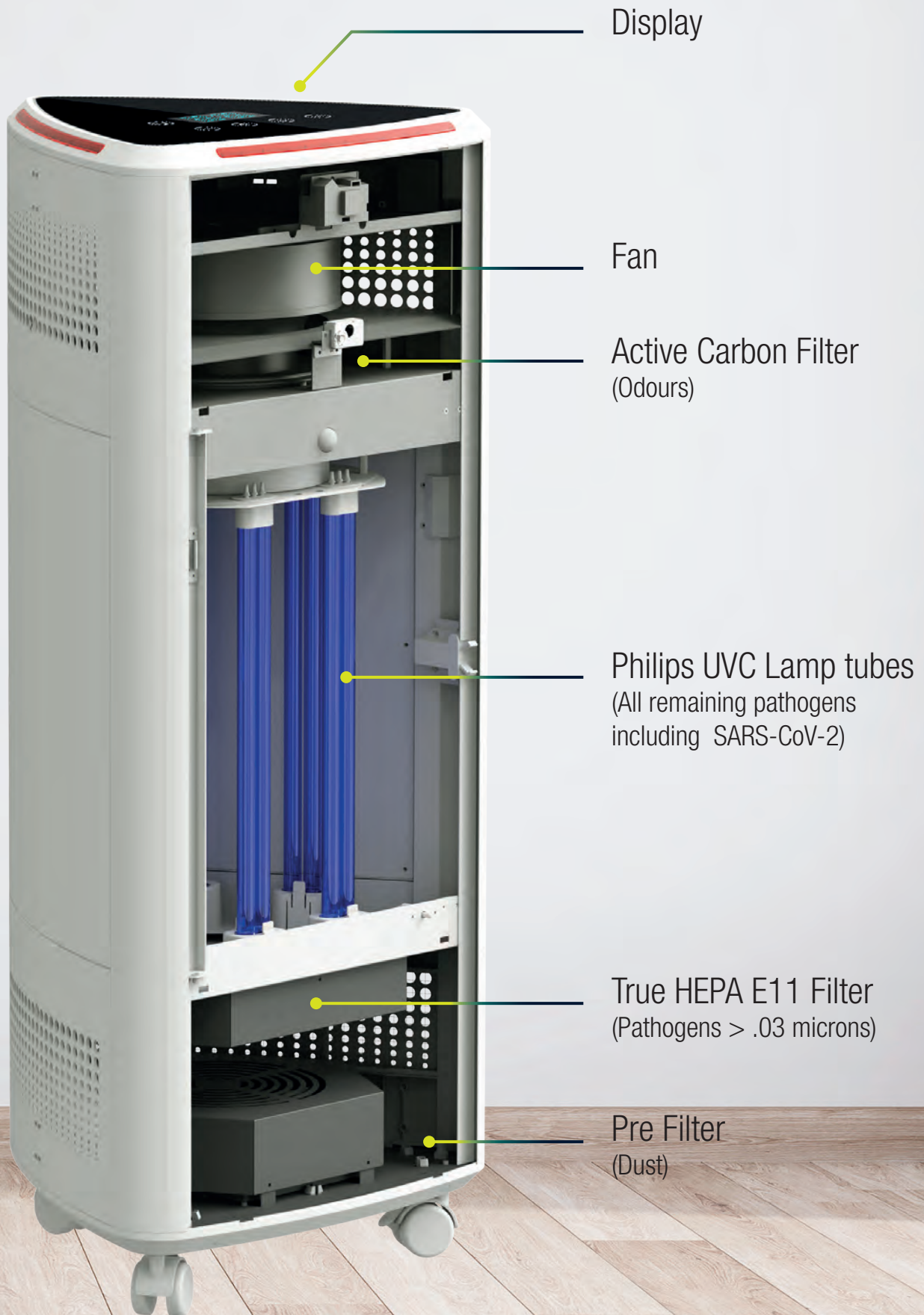


UVAIR 72

Mobile
Medium rooms
4 Stage filtration
Up to 400 Cubic meters ACH
Easy change filters
App based control






The technology



The specifications




Air change per hour

The higher the air circulation and the number of air changes per hour, the lower the risk of infection. It is recommended to have an ACH of between 2 and 3 although the higher the frequency of ACH the greater the protection.

AIR CHANGE PER HOUR (ACH)						
						
	UVAIR 300-F		UVAIR 216		UVAIR 72	
	Regular Operation 700 m ³	Full Speed 1,000 m ³	Regular Operation 480 m ³	Full Speed 720 m ³	Regular Operation xxx m ³	Full Speed xxx m ³
ACH	Area Size		Area Size		Area Size	
1	288m ²	480m ²	192m ²	288m ²	TBC	TBC
2	144m ²	240m ²	96m ²	144m ²	TBC	TBC
4	72m ²	120m ²	48m ²	72m ²	TBC	TBC
6	48m ²	80m ²	32m ²	48m ²	TBC	TBC

Area is calculated based on a room height of 2.5m

Air volume & noise level

								
UVAIR 300-F			UVAIR 216			UVAIR 72		
Fan speed level	Air volume (m ³ /H)	Noise Level (dBA) @1m	Fan speed level	Air volume (m ³ /H)	Noise Level (dBA) @1m	Fan speed level	Air volume (m ³ /H)	Noise Level (dBA) @1m
Silent	400	40	1	260	40	1	TBC	TBC
Low	550	50	2	280	43	2	TBC	TBC
Mid	750	60	3	320	47	3	TBC	TBC
Max	1000	70	4	345	50	4	TBC	TBC
			5	370	53	5	TBC	TBC
			6	400	56	6	TBC	TBC
			7	485	60	7	TBC	TBC
			8	590	63	8	TBC	TBC
			9	725	67	9	TBC	TBC
			10	800	70	10	TBC	TBC



	UVAIR 300-F	UVAIR 216	UVAIR 72
Product description	75W*4 Ultraviolet air purification unit	36W*8 Ultraviolet air purification unit	TBA
Product type	High-power ultraviolet disinfection air purification		
Applications	Disinfection of small to medium size rooms: office, workshop, hotel, small theater and other public places etc.		
Features	4 options of air circulation speed. The speed can be adjusted according to the size of space. No precautions are needed. No harm to human. Can be applied in any place.	4 options of air disinfection time and 10 options of air circulation speed. The speed can be adjusted according to the size of space. No precautions are needed. No harm to human.	TBA
Disinfection duration/ Disinfection area	In max fan speed more than 1,000m³/h	In max fan speed: 60 mins/720m³, 90 mins/1,080m³, 120mins/1,440m³	TBA
Disinfection height range	2-4m	0-4m	TBA
IP Rating	IP20		
SOFTWARE			
Child safety lock	No		
Lamp on delay	No delay		
Sensor detection	Device is safe in this mode, can be applied in places with human and other animals		
Tilt protection	No	Luminaire turn off immediately once at tilt 45°	
Disinfection timing options	-	4 options	
CONTROL			
Remote control	Yes		
Switch/panel type	Mechanical switch	Mechanical switch and touch key	
Control	Mechanical switch, remote control and APP control	Mechanical switch, key switch, remote control and APP control	
ELECTRICAL			
PSU	Electronic ballast		
Power consumption	440W	288W	
Voltage	220~240VAC 50/60Hz	100V-240V, 50/60Hz	100V-240V, 50/60Hz
Power factor	>0.9		
Current	MAX 4A	-	-
Battery operation	No		
DIMENSIONS & WEIGHT			
Product dimensions	1245*330*380 mm	1080*460*430 mm	TBA
Net weight	25.5 Kg	24 Kg	TBA
OTHERS			
Tube material	-	-	-
Housing Material	Aluminium, anti-UV ABS material	Anti-UV ABS material	TBA
Compliance	CE ROHS REACH ETL(PENDING)		
Mounting	Ceiling and wall	Mobile placement	
Standard accessory	Remote control installation brackets	Remote control	
Optional accessory	Lamp tube		
Power cord	1.8 m		

GOLDENSEA UV

