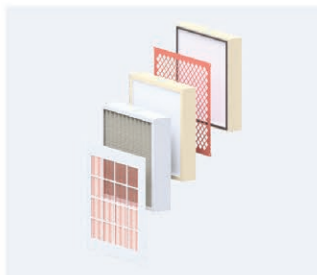


- | | |
|----------------------------|----------------------------|
| 1. Copper inlet | 7. High-performance EC fan |
| 2. Preliminary G4 filter | 8. Automation |
| 3. Intermediate H13 filter | 9. Housing |
| 4. Copper mesh | 10. Caster wheels |
| 5. UV-C lamp | |
| 6. Final H14 filter | |



Custom versions
Customer-selected RAL color.



Filtration and safety
Three-stage filtration with
secure copper partitions.



UV-C lamp
The purifier comes with a UV-C
lamp that accelerates degrada-
tion of microorganisms.



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Ozone generator
OZI

Lautus

Venture Industries

Hybrid air purifier

Safe air zone



Hybrid air purifier

We live in unprecedented times. The air we breathe contains a virus that paralyzes the world and the global economy. All of a sudden, our daily routines such as shopping, have become a threat. In response to our customers' needs, Venture Industries has designed LAUTUS - a portable hybrid air purifier.

At an early stage of engineering works, we reviewed all commercially available components and technologies for removing the SARS-CoV-2 virus from the air. That's the virus that causes COVID-19. Ultimately we came up with a hybrid device combining the advantages of specialist HEPA filters, UV-C lamp and materials inhibiting the longevity of the virus.

The device comes with an internal filtration system (three-stage filtration):

- Preliminary G4 filtration to prevent dust and airborne particles from entering the device
- Intermediate H13 filtration capable of capturing bacteria
- Final H14 filtration ensuring 99.995% filtration efficiency. It can effectively block virus-size particles.

The device has been designed in two versions: LAUTUS 50 and LAUTUS 100. LAUTUS 50 is smaller and ensures filtration rate of 450m³ per hour (for rooms up to 40 square meters); the larger LAUTUS 100 can filter up to 800m³ of air per hour (rooms up to 65 square meters).

INTENDED USE

The purifiers are designed to filter fine particles, fungi, bacteria and viruses as small as 0.1µm from ambient air in enclosed spaces, such as:

receptions, stores, pharmacies, offices, libraries, restaurants, as well as in industrial settings (e.g. mechanical workshops).

The inlet and the partition between H13 and H14 filters are protected with copper mesh to reduce virus longevity inside the device. LEDs in the side panels inform the user about the status of the UV-C lamp. UV-C radiation disintegrates microbial cells, effectively eliminating them inside the device. A smart control system enables 4-stage power setting.

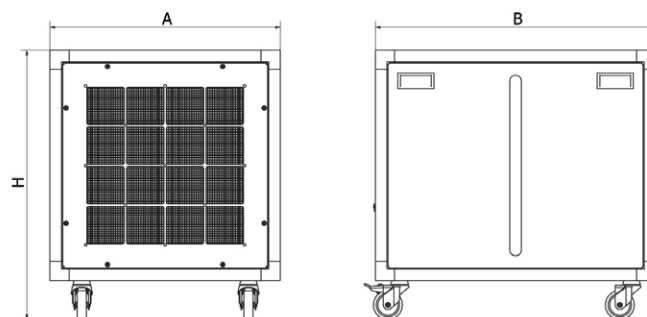
The purifier is enclosed in a modern housing made of painted aluminum sheet mounted on caster wheels for excellent mobility.

High-performance motors with in-built EC technology use less energy, thus minimizing operating cost and reducing CO₂ emissions.

TECHNICAL CHARACTERISTICS

		LAUTUS 50	LAUTUS 100
Airflow max	m ³ /h	450	800
Max absorbed power	W	150	250
Current	A	1,6	2,7
Voltage	V	230	230
Sound pressure level	dB(A)	64	74
Weight	kg	47	60,5
Article number		70010606	70010607

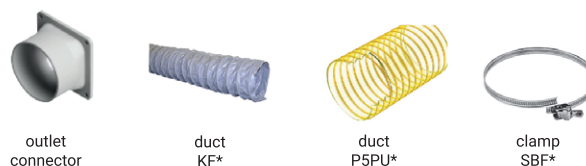
DIMENSIONS [mm]



	A	B	H
LAUTUS 50	600	730	700
LAUTUS 100	750	730	850

ACCESSORY

*An outlet tube is required to ensure correct operation of these accessories.



PERFORMANCE CURVES

