

User's manual

Airbrush Suction System

34220, 34251, 34259, 34260, 34261, 34262, 34263, 34278 and 34279

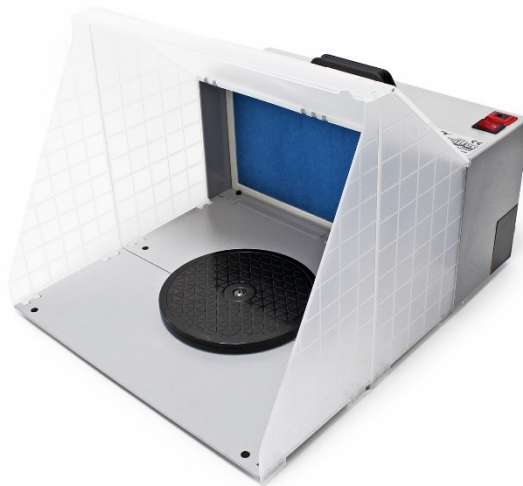


Illustration similar, may vary depending on model

Please read and follow the operating instructions and safety information prior to initial operation.

Technical changes reserved!

Illustrations, functional steps, and technical data may deviate insignificantly due to continuous further developments.



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If you have found an error or wish to suggest an improvement, we look forward to hearing from you.

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Introduction

Thank you for choosing to purchase this quality product. To minimise the risk of injury, we ask you to always take some basic safety precautions when using this product. Please read this operating manual carefully and make sure that you understand it.

Keep these operation instructions in a safe place.

Safety instructions

Caution!

- The use of this device is only allowed with a fault current protection switch with a triggering nominal current up to 30 mA (according to VDE 0100 Article 702 and 738).
- The device is not intended for use by persons (including children) with impaired or limited physical, sensory, and mental abilities, or lack of experience and/or real knowledge, unless they are supervised by a person responsible for their safety or follow the instructions made by this person on how to correctly use the device.
- Children should be supervised to ensure that they do not play with the device. Always keep the device out of children's reach.

Attention!

- Perform a visual inspection of the device before every use. Do not use the device if the safety appliances are damaged or worn out. Never override safety regulations.
- Only use the device accordingly to the intended purpose stated in this manual.
- You are responsible for the safety of the working zone.
- If the cable or the plug is damaged due to external influences, the cable must not be repaired, but must be replaced with a new one. This work may only be carried out by an electrician.
- The voltage of 230 V AC indicated on the nameplate of the device must match the existent mains voltage.
- Never lift, transport, or suspend the device by its power cord.
- Make sure that the electrical plug connection is protected from flood and moisture.
- Before any maintenance work or adjustment, pull out the plug.
- The user is responsible for complying with local safety and mounting regulations. Ask an electrician if you have questions.
- In case of device failure, repairs can only be carried out by an electrician.

Notes!

- Never expose the device to dust, acid, steam, explosive or flammable gases, or weather influences (rain, sun, fog, snow).
- Never allow children to touch the switched-on compressor or to insert the plug. It may cause burns or electric shocks.
- When beginning work, make sure that all screws are tightened.
- The warranty will be void after any damage caused by non-observance of the instructions of this user's manual. We are not to be held responsible for any consequential damage.
- Nor are we to be held responsible for any damage to objects or any injury caused by an improper use or non-observance of the safety instructions. In these cases, the warranty will be void.
- For safety reasons, unauthorised transformation, modification, or disassembly of the device is not permitted.
- The device is only suitable for use in dry interior rooms (thus not in a bathroom or comparable damp rooms). **Danger of electric shock!**
- Do not expose the device or its accessories to damp or excessively high or low temperatures.
- Do not leave the packaging material without supervision; children might play with it and harm themselves. **Risk of injuries! Danger of suffocation!**
- If thrown, dropped, or exposed to pressure or tension, the device might malfunction or not function properly.



- Never place the device near (highly) flammable material such as curtains.
- Always make sure that the rotary disc that the workpiece is placed onto is centred.
- After every use, the device must remain switched on for another 2–6 min to ensure self-cleaning.
- Switch off the device and pull out the plug when the device is not in use.
- If contaminated by large amounts of paint, the filter cannot function properly any longer and must be replaced by a clean one.
- To avoid damages to your health, never apply toxic, flammables, or explosive paints or material.
- Always ensure sufficient ventilation of your work zone.
- In commercial facilities, the accident prevention regulations of the competent professional association must be observed.
- In schools, educational establishments as well as hobby and self-help workshops, the use of the device must be responsibly supervised by trained personnel.
- If you have reason to believe that safe operation is no longer possible, immediately disconnect the device from the power supply and secure it against unintentional restart.
- The safety of operation of the device cannot be ensured any longer if
 - it is visibly damaged,
 - it does not operate any longer,
 - it has been stored under unfavourable conditions or
 - has been treated roughly during transport.

Properties

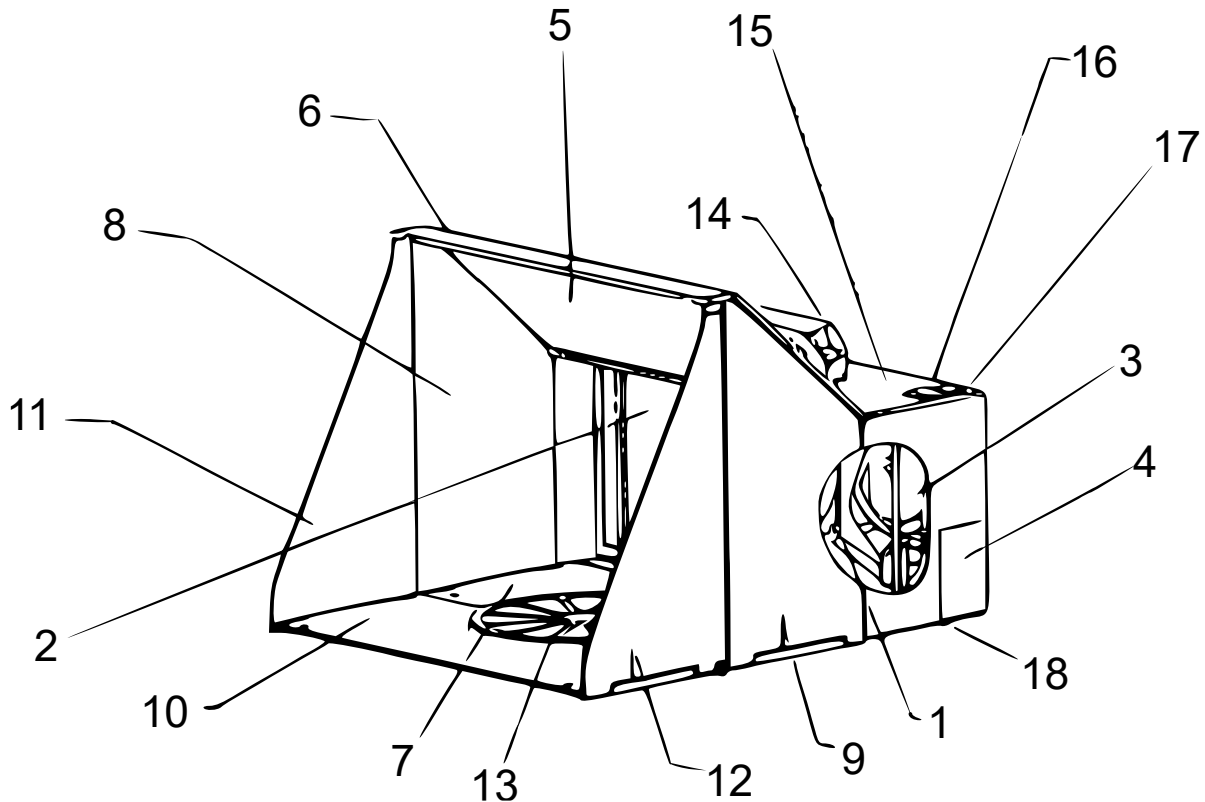
- The suction system is foldable, light, and needs little space.
- It operates at a low power consumption and high airflow, does not need an exhaust hose, saves energy, and protects the environment.
- It is equipped with a close-mesh filter that removes nearly all paint and liquid particles without polluting the environment.
- The cable and plug are in the inside of the device and can be pulled out if necessary; you can have them retracted and rolled up at the push of the corresponding button.
- With completely transparent chamber, two chambers being combinable for large workpieces if needed.
- The device has an on/off switch with a diode that is lit when the device itself is switched on. Quiet operation at 52 dB only.
- The system has a rotary disc that allows easy handling.

Technical specifications

Item number (34...)	220	251	259 ¹	260	261	262	278	279	
Power supply	100–240 V / 50/60 Hz						230 V ~ 50 Hz		
Input current	12 V (direct current) / 1,5 A								
Air flow (m³/min)	3	4	6	8	8	4	9	9	
Noise level (dB)	approx. 52						approx. 56–79	approx. 76–78	
Dimensions of one device (mm)	opened	415 × 480 × 340						480 × 560 × 360	
	folded	415 × 225 × 150						270 × 560 × 360	
Weight (kg)	4,5	4,5	9	9	9	7	6,42	6,36	

¹ = twice as wide

Main components



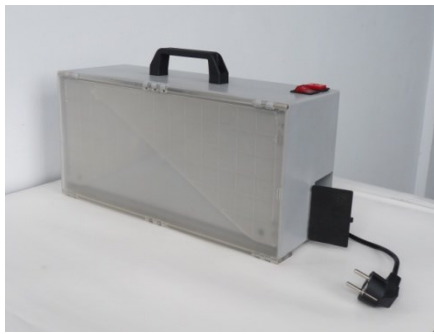
Nº	Name	Nº	Name	Nº	Name
1	Fan	7	Work plate	13	Rotary disc
2	Paint filter	8	Left side plate	14	Handle
3	Cable retractor/adaptor	9	Right side plate	15	Fan casing
4	Door to 3	10	Front work panel	16	Light on/off switch
5	Upper cover	11	Front left side panel	17	Retracting button
6	Cover	12	Front right side panel	18	Rubber pad

Assembly

Note: The illustrations may vary depending on the individual model.



1. Folded, the system has a carrying handle and 4 rubber bumpers. It is easy to carry.



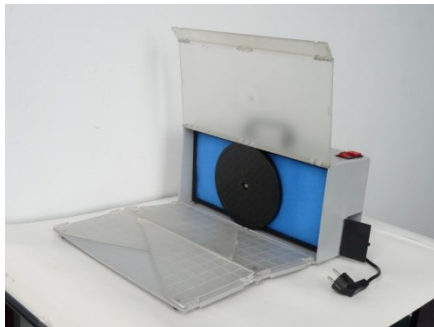
2. Open the small flap door, take out the AC adapter.



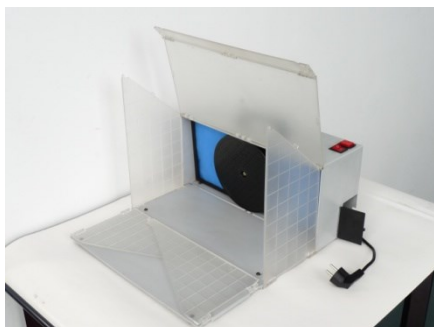
3. To fold the device apart, open the front outer panel that serves as upper cover of the device.



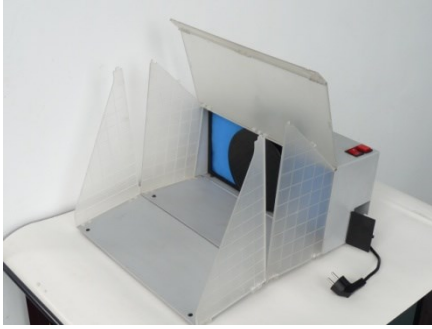
4. Pull out the front work panel.



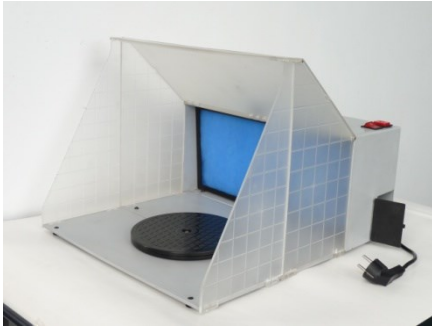
5. Unfold the work panel.



6. Unfold the left and right side panel by 90°.



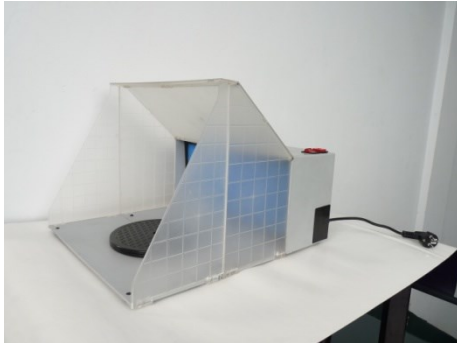
7. Carefully lift the front base panel, open the left and right side panels outwards from the inside, flatten the front work panel.



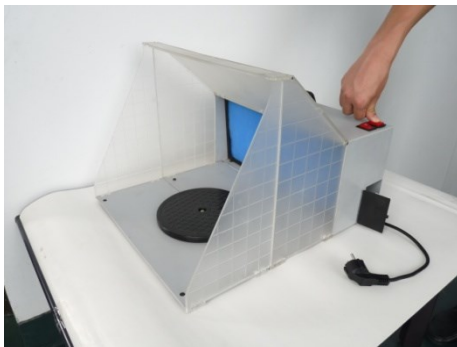
8. Push down the narrow front cover panel (work surface cover) and fix it on the right and left side of the chamber. At the same time, connect the four notches of the upper panel with the buttons sticking out of the side panels.



9. The right and left side panels can be placed vertically and taken out. By removing one of the side panels, a second chamber can be added. Thus, the working surface is doubled.



10. After pulling out the cable from the socket, the small flap door can be re-closed. There is a small hole for the cable; two devices can operate together.



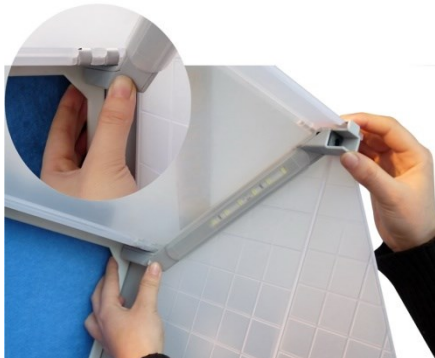
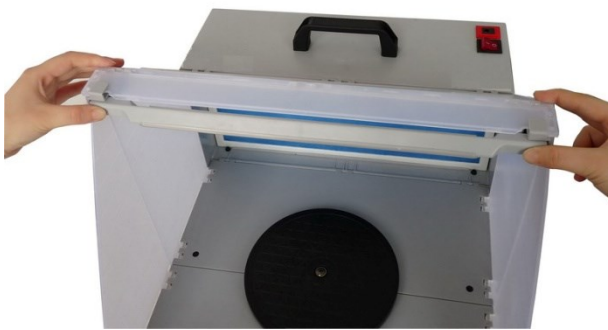
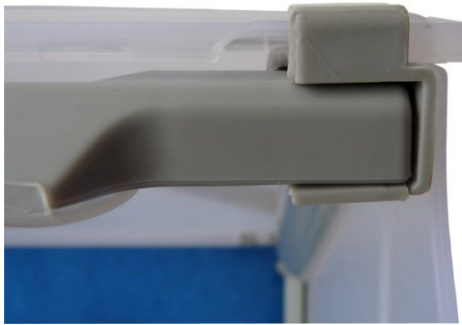
11. Before folding together the device, press the cable retracting button; the cable will automatically be drawn in. After this, close the flap door. Folding the device together is done in reverse order of the assembly.

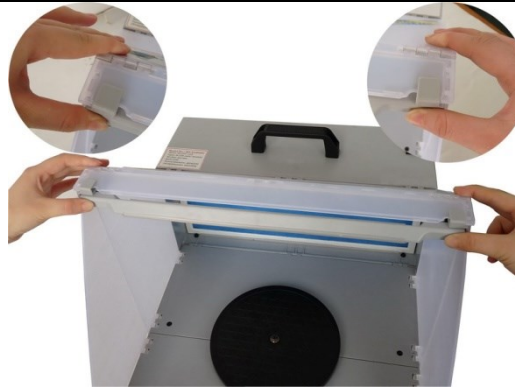


12. If you wish to use two chambers together, disassemble the left side panel of the right unit and the right side panel of the left unit. After doing so, the units can be combined (option).

Notes on installing the light







Notes on using the extension tube E420H

Note: The extension tube E420H is sold separately.

The extension tube E420H is compatible with the chamber E420. Combining these two matching elements, you will achieve optimal results. Not only the paint mist is filtered, but also harmful vapours are led outside through the HS E420H tube. Thus, the air inside the work zone will be kept clean and fresh.

1. Features

- a) Lightweight, easy to assemble and disassemble
- b) The length of the hose can be varied from 0.7 to 1.7 m.
- c) The long flat exhaust piece can be pressed to 25 mm from both sides, so that it fits in a window or door gap.

2. Parts



19. Plastic sleeve 20. Soft threaded sleeve 21. Hose clamp 22. Extension tube 23. Exhaust piece

3. Safety instructions

CAUTION!

- a) When using the extension tube, take out a filter-net layer from the device. There are two layers of filter mesh in the spray booth, only one of which is needed when using the extension tube.
- b) Unscrew the 4 screws from the protective grille on the back of the HS-E420 spray booth (see fig. 1).
- c) Use the 4 screws unscrewed in the previous step to connect the plastic sleeve to **(19)** with the HS E420 spray booth (see fig. 2).
- d) Screw the soft threaded sleeve **(20)** and extension hose **(22)** together and connect the extension tube to the exhaust piece **(23)** (see fig. 3).
- e) Place the hose clamp **(21)** onto the soft threaded sleeve **(20)** and screw it into the plastic sleeve **(19)** (see fig. 4).
- f) Extend the hose as you wish and place its exhaust piece outwards through a window or door gap (see fig. 5).



You can also fix the hose by attaching the plastic sleeve to the ventilation grid. In that case, removing the screws and grid as described in b)–e) is not necessary.



Figure 6



Figure 7



Figure 8

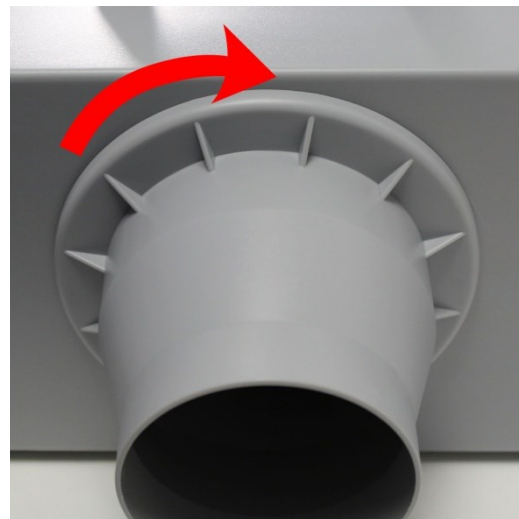


Figure 9

When mounting, make sure that the plastic sleeve is properly attached to the ventilation grid (refer to fig. 8 to see proper mounting).

Regulations for waste disposal

The Waste Electrical and Electronic Equipment Directive (WEEE Directive, 2012/19/EU) of the EU was implemented in the German law related to electrical and electronic equipment and appliances.

All WilTec electric devices that fall under the WEEE directive are labelled with the symbol of a crossed-out wheeled rubbish bin. This symbol indicates that this electric device must not be disposed of with the domestic waste.

WilTec Technik GmbH is registered with the German registration authority EAR (Stiftung Elektro-Altgeräte Register) under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic devices (intended for use in the countries of the European Union and other European countries with a separate waste collection system for these devices).

The symbol on the packaging or the product itself indicates that this product must not be treated as normal domestic waste but must be disposed of at a recycling collection station for electrical and electronic waste.

By disposing of this product correctly, you contribute to the protection of the environment and the health of your fellow people. Inappropriate disposal threatens the environment and health.



Material recycling helps to reduce the consumption of raw materials.

Additional information about the recycling of this product can be provided by your local commune, the municipal waste disposal facilities, or the store where you purchased the product.

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