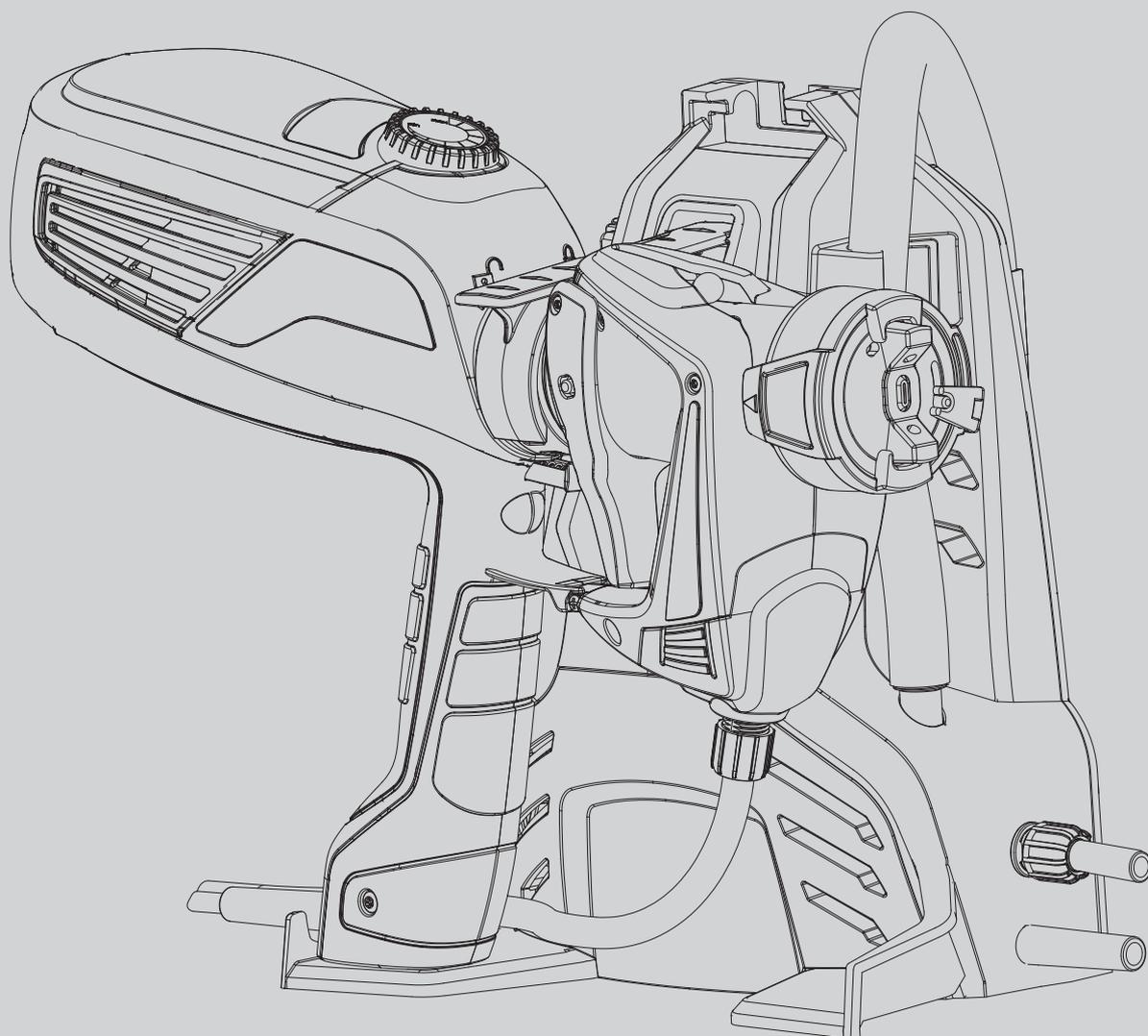


WAGNER



**UNIVERSAL SPRAYER
W 990 FLEXIO
ORIGINAL-
BETRIEBSANLEITUNG**

D GB F NL

Translation of the original operating instructions

MANY THANKS FOR PLACING YOUR TRUST IN US

We would like to congratulate you on purchasing this brand product from Wagner; we are sure that you will enjoy working with it greatly.

Please read the Operating Manual carefully and observe the safety information before starting the device. Store the Operating Manual in a safe place close to the product in case it needs to be used by someone else.

We would be happy to be of assistance if you have any questions, suggestions or requests. Please contact us via the phone number included on the back page or via our homepage, www.wagner-group.com/service.

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1. Explanation of symbols used

	This symbol indicates a potential danger for you or for the device. Under this symbol you can find important information on how to avoid injuries and damage to the device.
	Danger of electrical shock
	Indicates tips for use and other particularly useful information.
	Devices and accessories marked with this symbol are suitable for processing high-viscosity materials such as e.g. interior wall paints (dispersions and latex paints). If a material bears this logo, it is particularly well suited for use with the relevant device.
	Devices and accessories marked with this symbol are suitable for processing low-viscosity materials such as paints, glazes and wall paints specifically designed for this purpose. If a material bears this logo, it is particularly well suited for use with the relevant device.

2. General Safety Instructions

WARNING! *Read all safety notifications and instructions. Failure to comply with the safety notifications and instructions provided may result in electric shock, fire and/or serious injury. The term "power tool" used below covers both mains-operated power tools (with mains lead) and accumulator-operated power tools (without mains lead).*



1. Safety at the workplace

- Keep your workplace clean and well lit.** *Disorder or unlit workplaces may result in accidents.*
- Never use the tool in hazardous areas that contain flammable liquids, gases or dusts.** *Power tools generate sparks that can ignite the dust or vapors.*
- Keep children and other persons away when using the power tool.** *You can lose control of the tool if you are distracted.*

2. Electrical Safety

- The tool plug must fit into the socket. The plug may not be modified in any form. Do not use adaptor plugs together with protective-earthed tools.** *Unmodified plugs and suitable sockets reduce the risk of an electric shock.*

- b) **Avoid physical contact with earthed surfaces such as pipes, heating elements, stoves and refrigerators.** *The risk through electric shock increases if your body is earthed.*
- c) **Keep the equipment away from rain and moisture.** *The risk of an electric shock increases if water penetrates electrical equipment.*
- d) **Do not misuse the mains lead by carrying the tool by the lead, hanging it from the lead or by pulling on the lead to remove the plug. Keep the lead away from heat, oil, sharp edges or moving tool parts.** *Damaged or twisted leads increase the risk of an electric shock.*
- e) **If you work outdoors with a power tool, only use extension cables suitable for outdoor use.** *The use of an extension lead that is suitable for outdoors reduces the risk of an electric shock.*
- f) **If you cannot avoid using the tool in a damp environment, use a residual current operated circuit-breaker.** *Using a residual current operated circuit-breaker avoids the risk of electric shock.*

3. Safety of Persons

- a) **Be attentive. Pay attention to what you are doing and work sensibly with a power tool. Do not use the tool if you are tired or under the influence of drugs, alcohol or medication.** *Just a moment of inattentiveness while using the tool can lead to serious injuries.*
- b) **Wear personal safety equipment and always wear safety goggles** *Wearing personal protective equipment, such as dust mask, non-slip safety shoes, safety helmet or ear protection, depending on the type of power tools, reduces the risk of injury.*
- c) **Avoid accidental starting-up. Make sure that the electric tool is switched off before you connect it to the power supply, pick it up or carry it.** *Accidents can occur if you carry the power tool while your finger is on the switch or if you connect the power tool to the power supply which it is on.*
- d) **Remove setting tools or wrenches before switching on the power tool.** *A tool or wrench that is in a rotating tool part can lead to injuries.*
- e) **Avoid an unnatural posture. Ensure that you are standing securely and have your balance at all times.** *This ensures that you can control the tool better in unexpected situations.*
- f) **Wear suitable clothing. Do not wear wide clothing or jewellery. Keep your hair, clothes and gloves away from moving parts.** *Loose clothing, jewellery or long hair can be caught in moving parts.*

- g) This device can be used by children over the age of 8 as well as by people with restricted physical, sensory or mental abilities or who have little experience or knowledge about it, providing they are supervised or instructed on how to use the device safely and what risks are involved.**

Children may not play with the device. User maintenance and cleaning may not be carried out by children unattended.

4. Usage and treatment of the electric tool

- a) Do not overload the tool. Use the power tool designed for the work that you are doing.** *You work better and safer in the specified performance range if you use the suitable power tool.*

- b) Do not use power tools whose switch is defective.** *A power tool that cannot be switched on or off is dangerous and has to be repaired.*

- c) Remove the plug from the socket before carrying out tool settings, changing accessories or putting the tool away.** *This precautionary measure prevents unintentional starting of the tool.*

- d) Store unused power tools so that they are inaccessible to children. Do not let persons use the tool who are not familiar with it or who have not read these instructions.** *Power tools are dangerous when they are used by inexperienced persons.*

- e) Take proper care of your tools. Check whether the moving parts function trouble-free and do not jam, whether parts are broken or damaged so that the tool function is impaired. Have damaged parts repaired before using the tool.** *Many accidents have their origin in power tools that have been maintained badly.*

- f) Use the power tool, accessories, insert tools, etc. in accordance with these instructions and in a fashion specified for this special tool type. Take the working conditions and the activity to be carried out into consideration.** *The use of power tools for purposes other than the intended ones can lead to dangerous situations.*

5. Service

- a) Have your tool repaired only by qualified specialist personnel and only with original spare parts.** *This ensures that the tool safety is maintained.*

- b) If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a safety hazard.**

3. Safety instructions for colour application devices

- **Caution!** Wear breathing equipment: Paint mist and solvent vapors are damaging to health. Always wear breathing equipment and only work in well ventilated rooms or using supplementary ventilating equipment. It is advisable to wear working clothing, safety glasses, ear protection and gloves.



CAUTION: DANGER OF INJURY!

Never point the spray stream towards human beings or animals.



Do not spray the basic unit!



Sockets and plugs must be masked. Risk of an electric shock as a consequence of sprayed material entering the socket!



Attention! Never operate the device if the nozzle seal is either damaged or missing. If the nozzle seal is either missing or damaged liquids can enter the device and increase the risk of an electric shock. Check the nozzle seal before each use and tighten the union nut.



Connect only the power plug for the turbine unit to the material hose (fig. 1, 8c). No other electrical devices may be connected to the W 990 and operated.

- Do not use the spray guns to spray flammable substances.
- The spray guns are not to be cleaned with flammable solvents.
- Caution against dangers that can arise from the sprayed substance and observe the text and information on the containers or the specifications given by the substance manufacturer.
- Do not spray any liquid of unknown hazard potential.
- The device may not be used in workplaces covered by the explosion-protection regulations.
- To avoid the hazard of explosion when spraying, provide for effective natural or artificial ventilation.
- There must be no sources of ignition such as, for example, open fires, smoke of lit cigarettes, cigars and tobacco pipes, sparks, glowing wires, hot surfaces, etc. in the vicinity during spraying.
- When working with the W 990 indoors as well as outdoors ensure that no solvent vapors are sucked in by the spray gun.
- The spray gun is not a toy; children must therefore not be allowed to handle it or play with it.
- Before working on the spray gun remove the power plug from the socket.
- Cover areas that are **not** to be sprayed. When working keep in mind that wind, for example, may transport paint mist over great distances and cause damage.
- Never open the device yourself in order to carry out repairs in the electrical system!

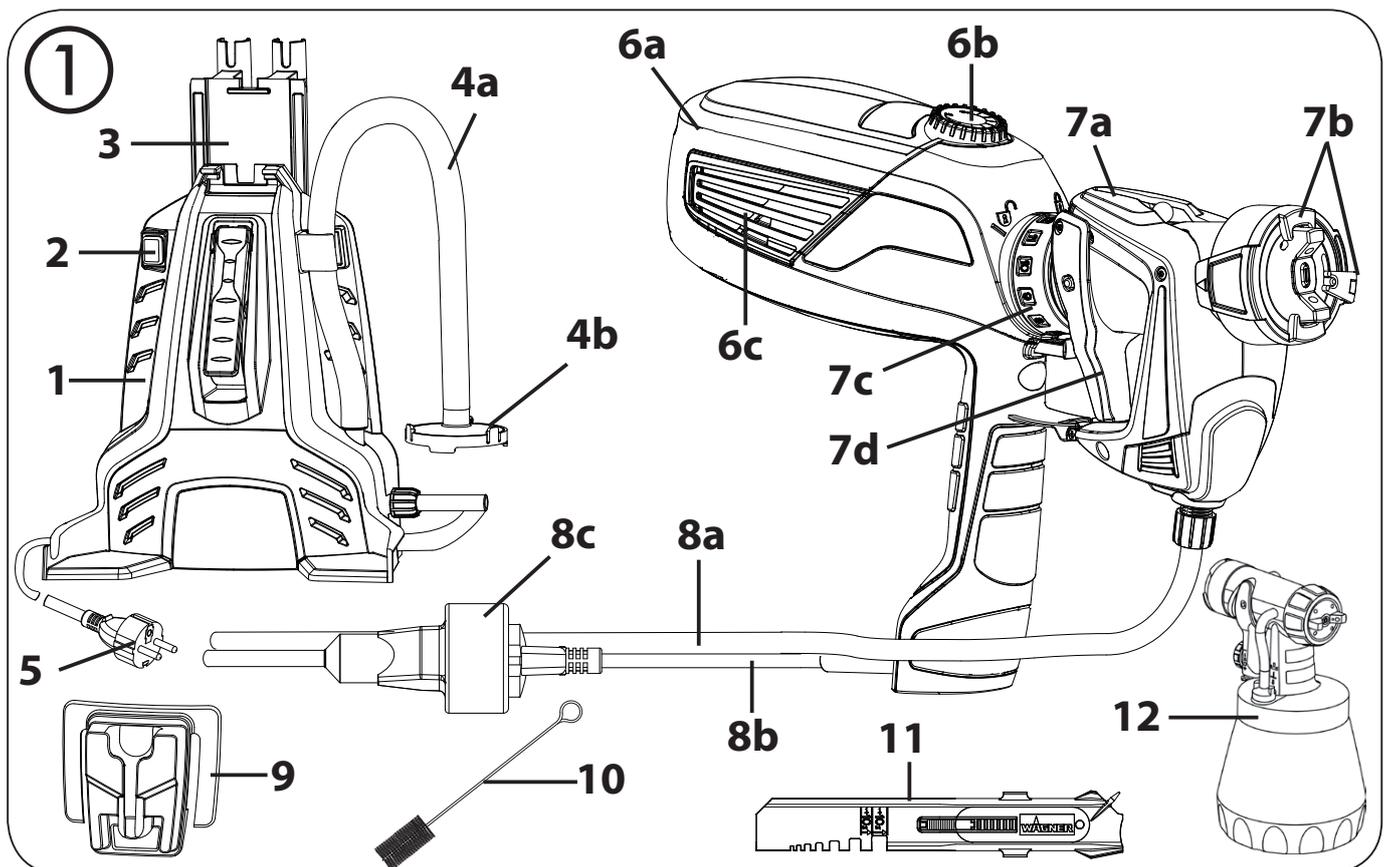
- Avoid damage to the material hose. Do not drive over the hose or bend it and protect it against sharp objects and edges.
- Never detach the material hose when it is under pressure. Always switch the device off first and release the pressure by depressing the trigger.

With original WAGNER accessories and spare parts, you have the guarantee that all safety regulations are fulfilled.

4. Scope of delivery

Scope of delivery (Fig. 1)

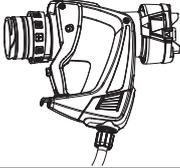
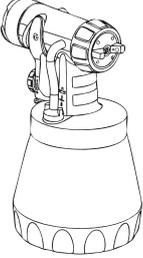
1 Basic device, W 990	2 On/off switch
3 Height-adjustable attachment for paint bucket	4 Suction hose (a) and filter (b)
5 Plug for basic device	6 Turbine unit (a) with air flow limiter (b) and air filter compartment (c)
7 Direct Feed spray attachment (a) with spray jet setting (b), material flow limiter (c) and trigger (d)	8 Material hose (a) with electric cable (b) and plug (c)
9 Strap holder	10 Cleaning brush
11 Stirring rod	12 Standard spray attachment
13 Practice poster (no fig.)	14 Replacement nozzle seals for spray attachment and pressure reducer (no fig.)
15 Replacement air filter (no fig.)	16 Lubricating grease (no fig.)



5. Field of application

Many different coating substances can be processed with the W 990.

A different spray attachment must be used, depending on the coating substance:

Coating Materials	Application tools
Water-soluble interior wall paint (dispersions and latex paint)	DirectFeed spray attachment 
Water- and solvent-based paints, finishes, primers, 2-component paints, clear finishes, automotive finishes, staining sealers and wood sealer-preservatives. All coating materials with the red Perfect Spray logo	Standard spray attachment 

6. Coating Materials Suitable for Use

Water-soluble interior wall paint (dispersions and latex paint)

Water-based paints, finishes, primers, clear finishes, automotive finishes, staining sealers and wood sealer-preservatives.

Attention! Never suck solvent-based materials directly via the suction system. Pumps and hoses are not solvent resistant and could be damaged.

7. Coating Materials Not Suitable for Use

Materials that contain highly abrasive components, facade paint, caustic solutions and acidic coating substances. Flammable materials.

The following materials can only be processed with optional accessories

Fine plaster (maximum grain size 1 mm, Wall Extra Texture spray attachment, order no. 2362225 (UK)/ 2361755 (AUS))

Solvent-based wall paints (Wall Extra I-Spray spray attachment, order no. 2361746)

8. Preparation of the workplace



Sockets and plugs must be masked. Risk of an electric shock as a consequence of sprayed material entering the socket!



Mask all the areas and objects that are not to be spray painted, or remove them from the work area. No liability is assumed for damage due to overspray. Silicate paint corrodes glass and ceramic surfaces upon contact! All such surfaces must therefore be completely covered.

- i** Pay attention to the quality of the adhesive tape used. Do not use excessively strong adhesive tape on wallpaper and painted surfaces, in order to avoid damaging these surfaces when removing the tape. Remove adhesive tape slowly and evenly; do not use jerky movements. Do not leave adhesive tape on surfaces any longer than necessary, in order to minimise the possibility of residues when removing. Also observe the adhesive tape manufacturer's instructions.

9. Preparation of the Coating Material

Mix the material well in the original container. When using interior wall paint, an agitator is recommended.

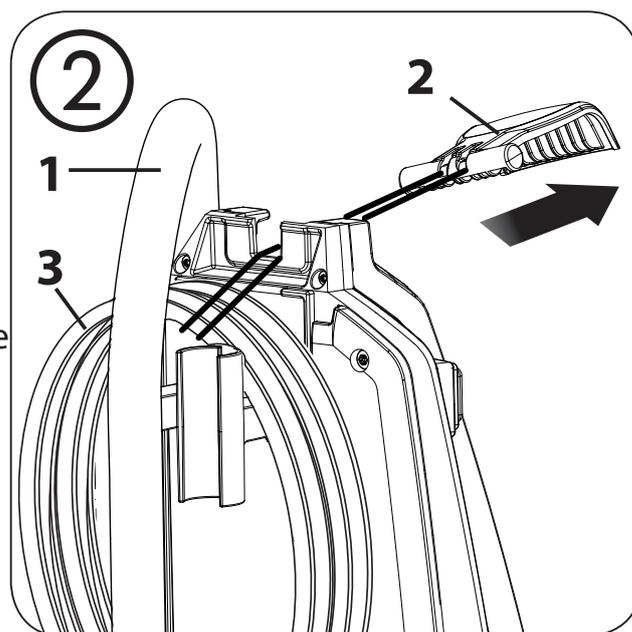
- i** W 990 has been developed for use with all conventional paints in their undiluted form. If the surface is smooth and the paint you are using is very thick and gel-like, dilute it by 10%. Dilution can be necessary if the atomisation is coarse or if the flow rate is too low even at the maximum setting.

Detailed information about the various materials and the maximum permitted dilution can be found on the manufacturers' technical data sheets (e.g. available on the Internet). Our online database **Wagner Spray Guide** has tips on using many materials tested by our experts: www.sprayguide.wagner-group.com

- i** Spray material that is at least at room temperature provides a better spray result.

10. Start-up

- Put the machine down only on a level, clean surface.
- Before connecting to the mains supply, be sure that the supply voltage is identical with the value given on the rating plate.
- Take the suction hose (fig. 2, 1) out of the holder.
- Pull the yellow handle (fig. 2, 2) away from the device and unhook it.
- Remove the material hose (fig. 2, 3) and the electric cable from the device.



- Push the handle into the device compartment. (Fig. 3)
- Fold up the black bracket (fig. 4, 4) and remove from the spray gun from the device.
- Completely unwind the material hose.

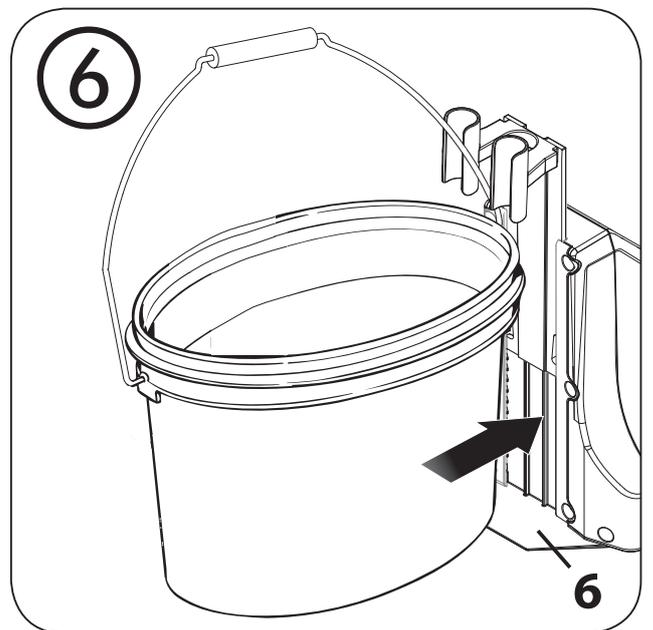
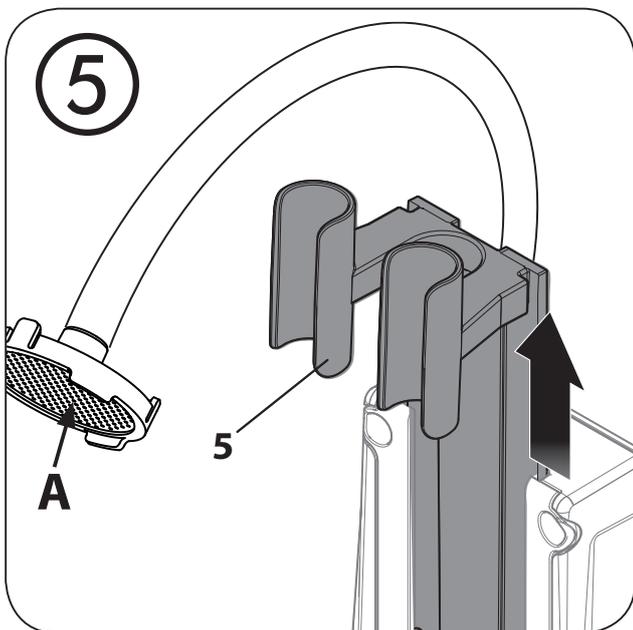
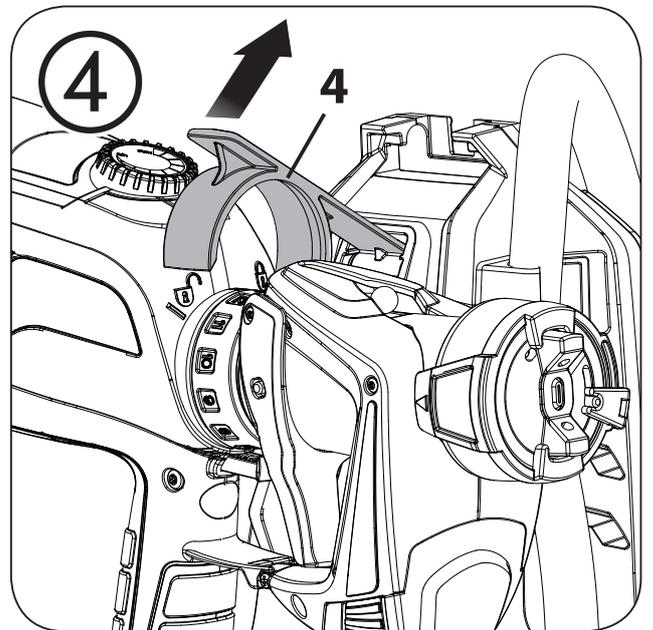
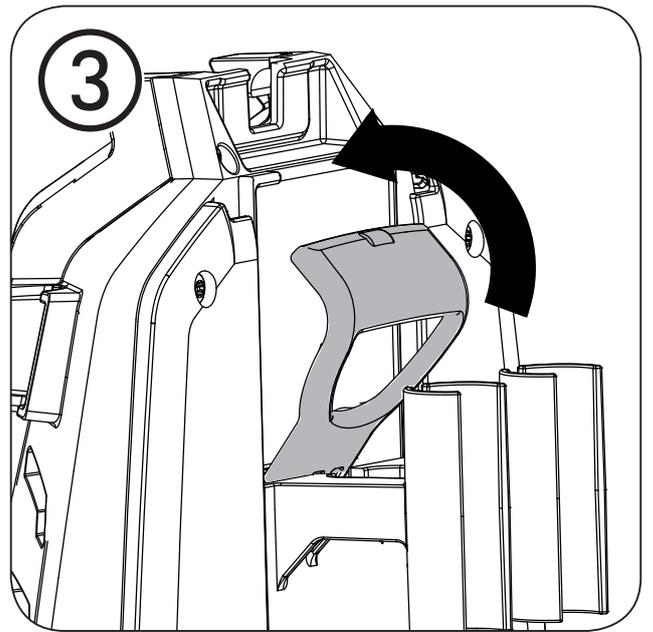


The following steps are only necessary if you want to convey the material directly out of the paint bucket. If you want to use the Standard spray attachment, please continue reading chapter 11.

- Hold the height-adjustable attachment for paint bucket (fig. 5, 5) at the side and pull upwards.
- Position the paint bucket on the ledge (fig. 6, 6) so that the bucket handle is between both fixtures.



Important. The bucket handle must be between both fixtures. Otherwise the bucket could be tipped by the weight of the W 990 system when being transported and leak paint.



- Push the height-adjustable paint bucket attachment (fig. 7, 5) down in order to secure the bucket.



Important: Only operate device when filter disk is inserted (Fig. 5, A). Otherwise the suction filter can suction to the bottom of the paint container during operation.

- Secure the suction hose (fig. 8, 1) inside the fixture and push to the floor of the bucket.



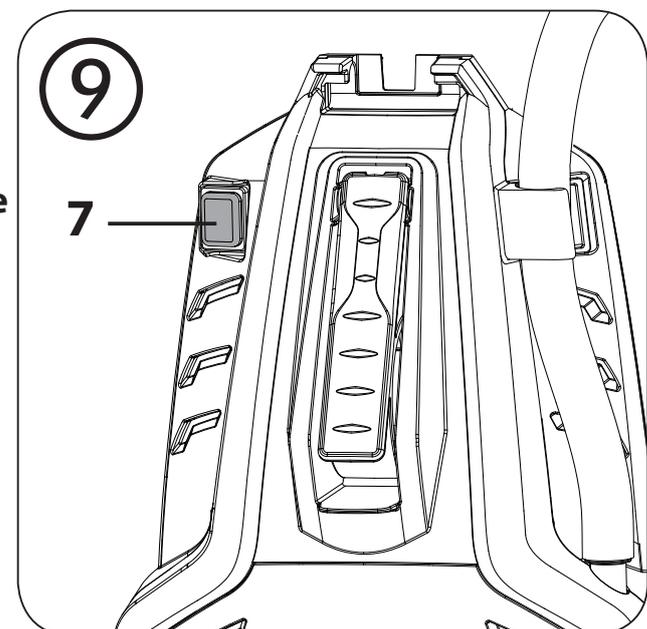
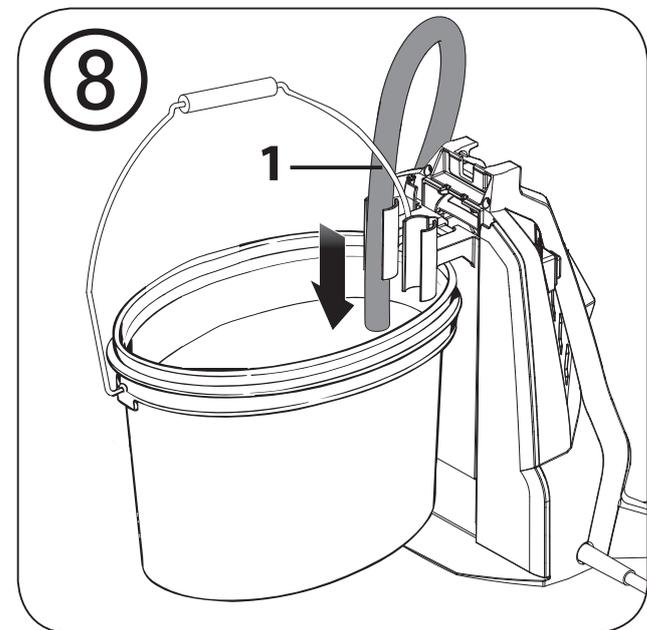
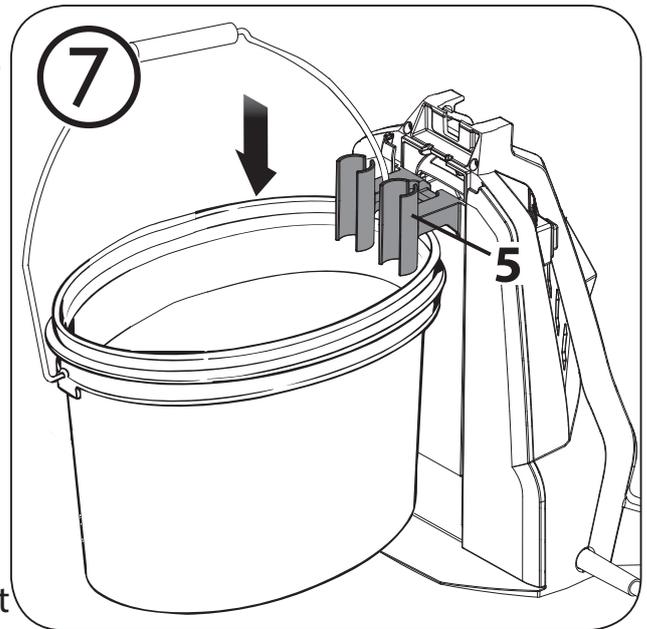
Make sure that there is always enough paint in the container. If the pump sucks air, the paint might eject from the gun intermittently and create stains on the wall.

Tip: If the paint bucket is at an angle the contents will be able to be suctioned off entirely. Therefore place a small object underneath the paint bucket.

- Plug in the power cable.
- Switch the device on (position I) at the main switch (fig. 9, 7).
- Aim the spray gun at a piece of cardboard and depress the trigger until the air has been pumped out of the material hose and an even spray of the material is produced (this can take up to 1 minute, depending on the paint).



If the material does not feed into the hose or only in intervals, the material is too thick and blocks the hose. See chapter 22 to get the device back into operation.



11. Use the Standard spray attachment and other spray attachments (accessories)

i You only need the turbine unit to operate the Standard spray attachment.

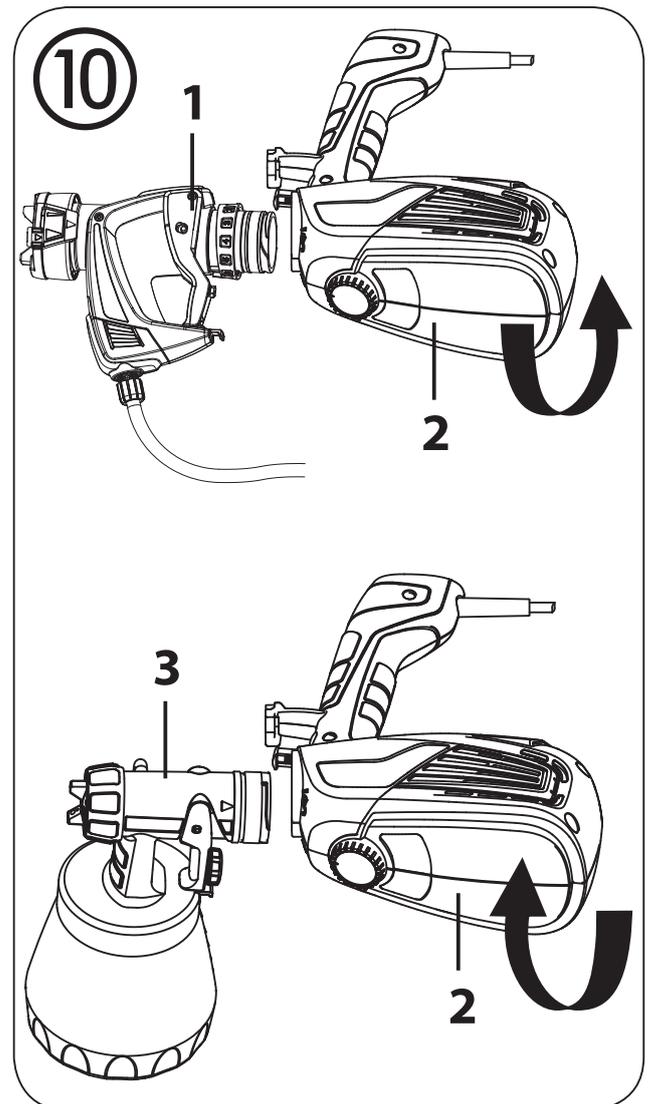


Do not set aside the spray attachment if it is filled with paint.

- Separate the DirectFeed spray attachment (fig. 10, 1) from the turbine unit (2).
- Disconnect the power plug on the turbine unit from the material hose.
- Disconnect the turbine unit power plug from the material hose.
- Connect the Standard spray attachment (fig. 10, 3) to the turbine unit (2).
- Insert the turbine unit power plug into the socket.

i Always plug the turbine unit into a separate socket if you are working with the Standard attachment. If the turbine unit is connected to the material hose, the pump will run unnecessarily which leads to increase wear and tear and energy consumption.

i Further information about the spray attachment can be found in the provided Operating Manual of the Standard spray attachment. Please also read the information about regulating the air flow and spraying techniques in chapters 14 and 17.

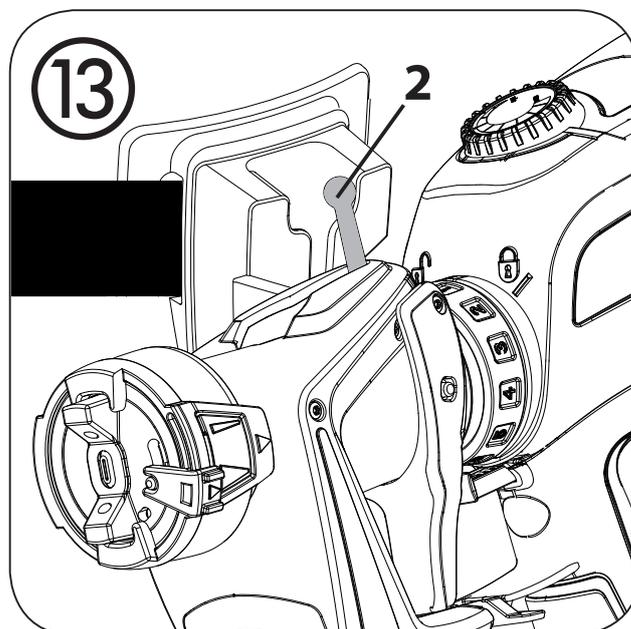
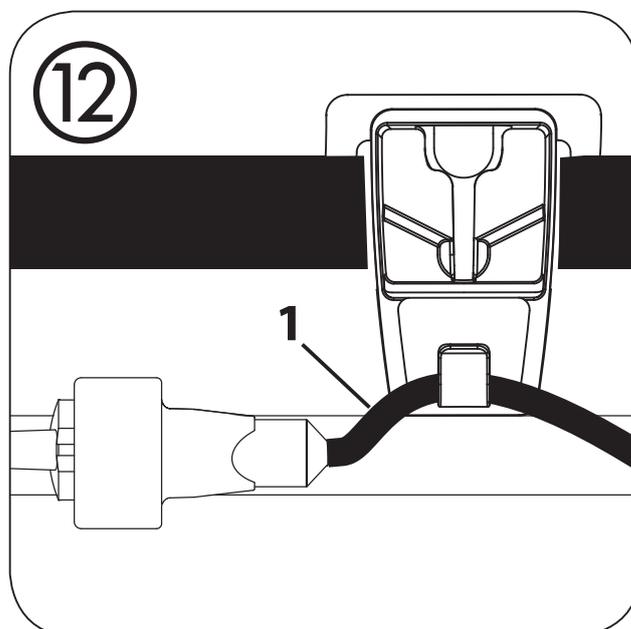
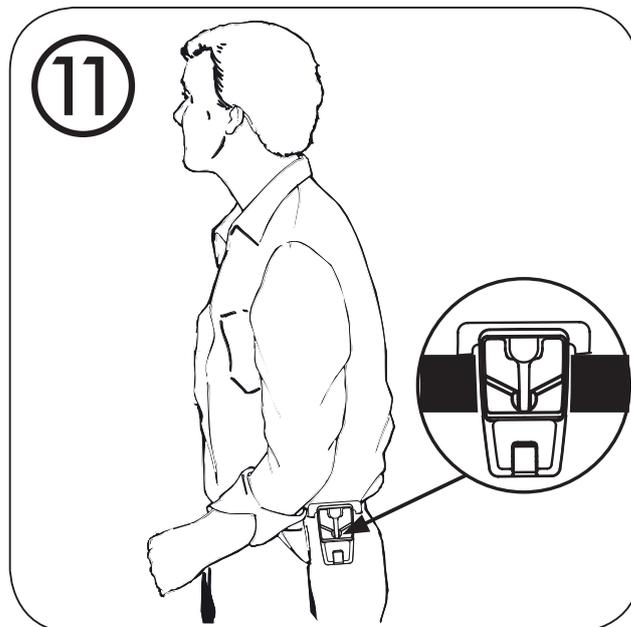


12. Strap holder



The material hose can be attached to the strap holder for more convenient working. The spray gun can also be conveniently hooked into place when taking a break from your work.

- Attach the strap holder to the strap or hose. (Fig. 11).
- Hook the electric cable (Fig. 12, 1) on the material hose into the strap holder.
- If necessary, hook the spray gun into the strap holder with the attachment (fig. 13, 2).

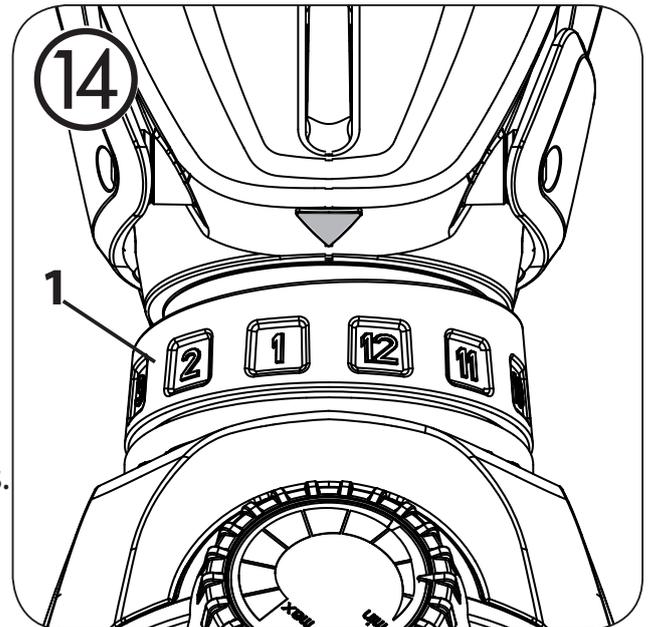


13. Adjusting the Material Volume

- i** The material quantity is set depending on the characteristics of the material (viscosity) and the working speed of the operator.

This setting is performed by adjusting the material flow limiter (fig. 14, 1) from 1 (minimum) to 12 (maximum).

- i** We recommend starting with a low material flow setting and then gradually adjusting this to suit needs.



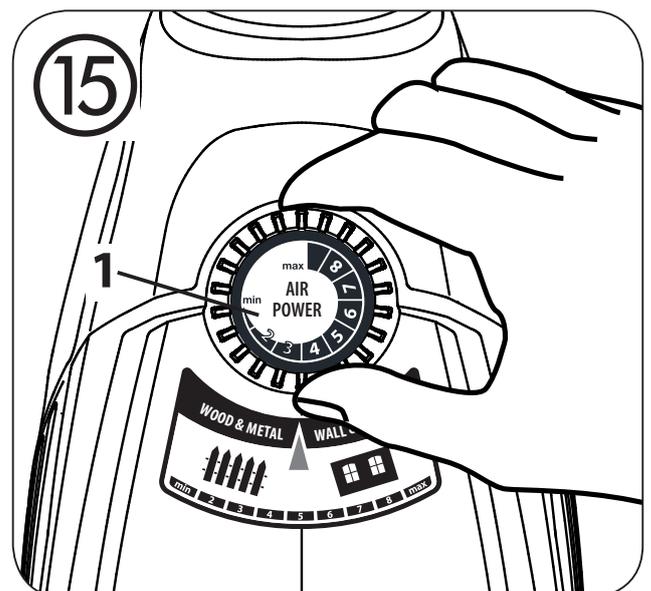
14. Setting the Amount of Air

- i** Depending on the viscosity of the material to be sprayed and the finish of the object to be coated, it may be advisable to vary the amount of air. Very low viscosity materials, such as watery glazes do not have to be atomised with the maximum amount of air. In this case it is advisable to reduce the amount of air and thus minimize the spray vapour.

This also applies for the use of the Detail and Corner/Reach spray attachment (accessory).

Turn the air quantity regulator (fig. 15, 1) until the level you want is above the arrow.

- thin paint → Level min to 6
thick paint → Level 6 to max



15. Selecting the Spray Setting



WARNING! Danger of injury!
Never pull the trigger guard while adjusting the air cap.

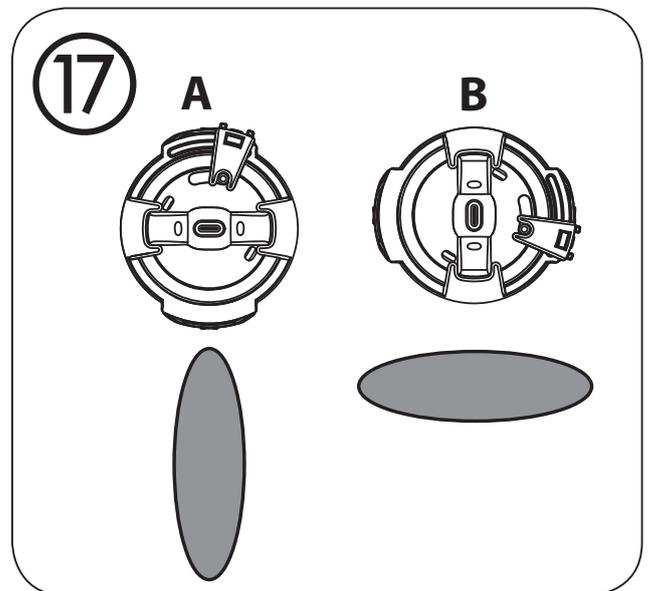
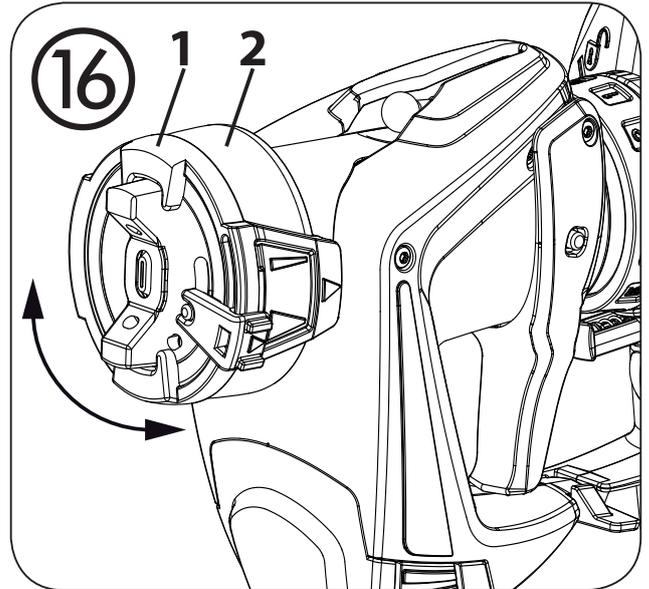
2 different spray jet shapes can be set by turning the adjustment ring (fig. 16, 1).

Fig. 17 A = vertical flat jet
→ for horizontal surfaces

Fig. 17 B = horizontal flat jet
→ for vertical surfaces

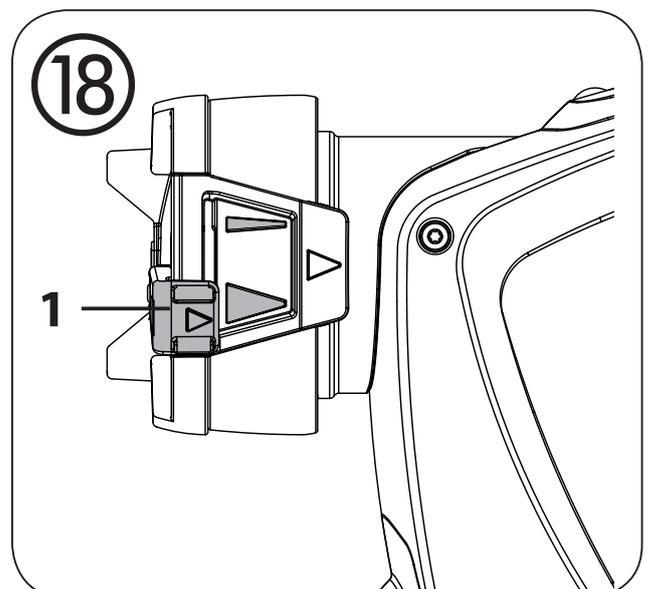


Tighten the union nut (Fig. 16, 2) fully so that no paint is able to penetrate the device. Check regularly whether the union nut has worked loose during operation.



16. Setting the width of the spray jet

Use the red adjustment lever (fig. 18, 1) to also switch between a wide (▷) and a narrow (▷) spray jet.



17. Spray Technique



The spray result depends heavily on the smoothness and cleanliness of the surface to be sprayed. Therefore the surface should be carefully prepared and kept free of dust.



The enclosed practice poster is ideal for familiarising yourself with operation of the spray gun. After trying out the first spray coatings, it makes sense to test it further on cardboard or a similar surface in order to find out the right flow rate of paint and air for the best spray pattern.

- Cover all surfaces not to be sprayed.



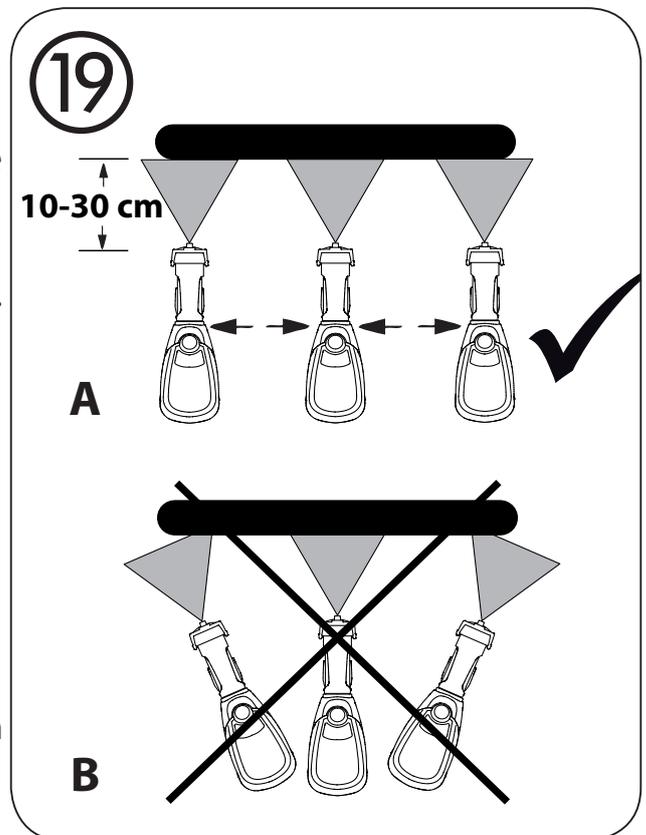
Important: Start at the edge of the area to be sprayed. Start the spray movement first of all, and then press the trigger. Avoid interruptions within the area to be sprayed.

- The spray movement should come from the arm, not just from the wrist. This ensures that a uniform distance is maintained between the spray gun and the spray surface during the spray operation. Select a distance of 10 - 30 cm, depending on the desired spray jet width.

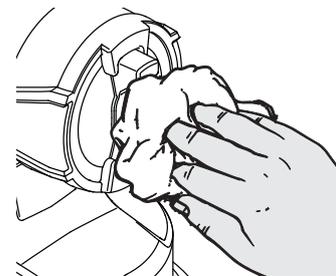
Fig. 19 A: CORRECT Even distance to the object.

Fig. 19 B: INCORRECT An uneven distance will result in uneven paint application.

- Move the spray gun evenly cross-wise or up-and-down, depending on the spray pattern setting.
- An even movement of the spray gun results in an even surface quality.



Important: Wipe off the nozzle and air cap regularly to make sure they do not get blocked.



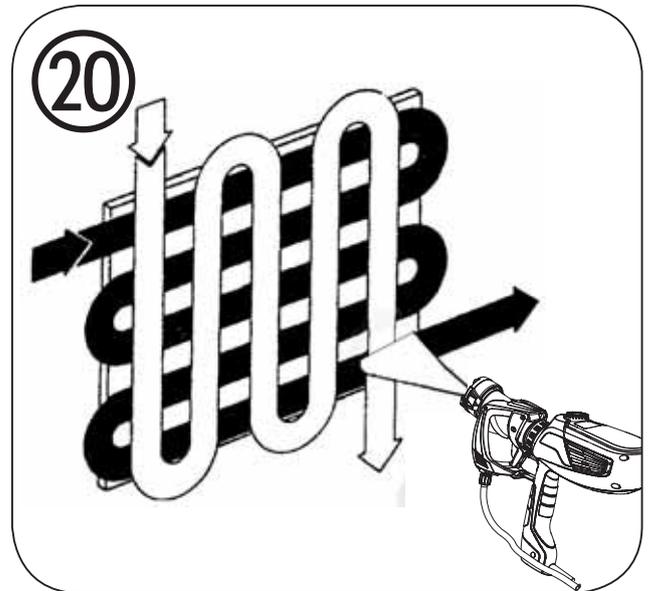


"Cross spray" when using paint with a poor covering capacity or if the surface is highly absorbent (Fig. 20).

- Interior wall paint in strong colour shades should be applied at least twice (allow first paint coat to dry first). This will ensure good coverage.

18. Interruption of Work

- Turn the machine off (position 0).
- Depress the trigger to release pressure from the system.
- Leave the suction hose in the paint.
- Wet paint surface in paint container with a little water to prevent a skin from forming.



19. Transportation (fig. 21)



Important. The bucket handle must be between both fixtures. Otherwise the bucket could be tipped by the weight of the W 990 when being transported and leak paint.



Attention! Do not pour any liquids over the basic unit.

- Once the device is attached to the paint bucket, you can carry it easily together with the bucket. **Check that the device is securely attached to the bucket before it is lifted by the handle.**
- **Do not carry or pull the device by the hoses to avoid any damage.**



20. Cleaning

Proper cleaning is the prerequisite for problem-free operation of the paint application device. No warranty claims are accepted in case of improper or no cleaning.



We recommend using warm and soapy water for cleaning purposes.



Attention! Do not pour any liquids over the basic unit.

- Turn the machine off (position 0).
- Put the end of the suction hose into a bucket of water. (Fig. 22)
- Press the hook (Fig. 23 "click") slightly downwards. Turn the spray attachment and turbine unit towards each other and detach.

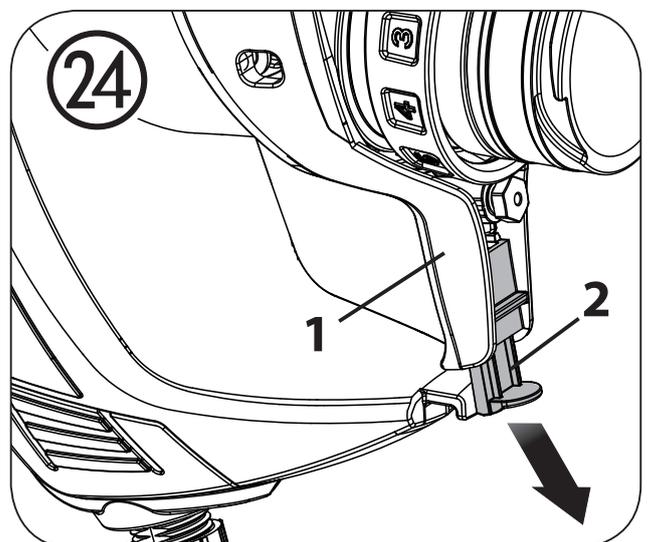
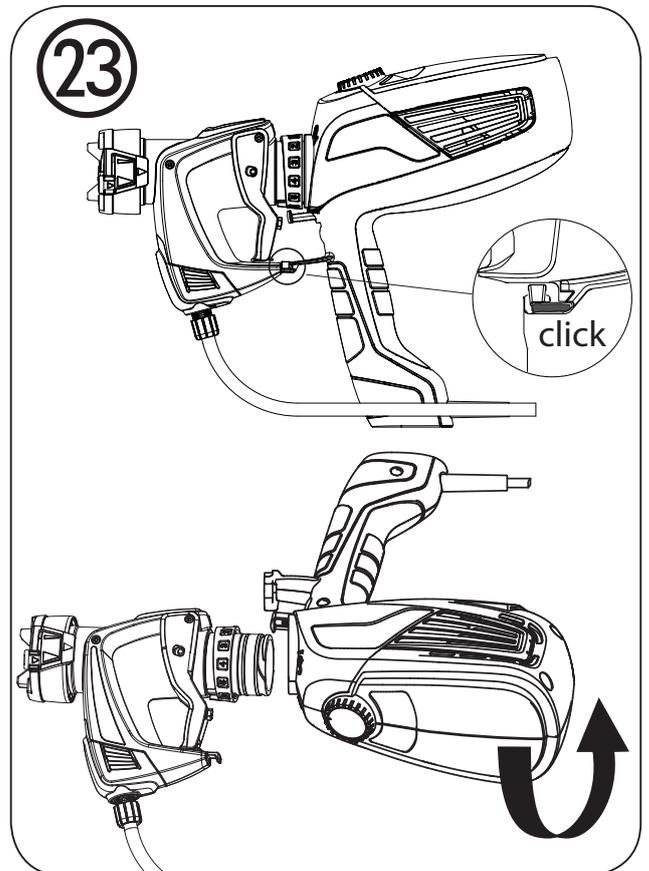
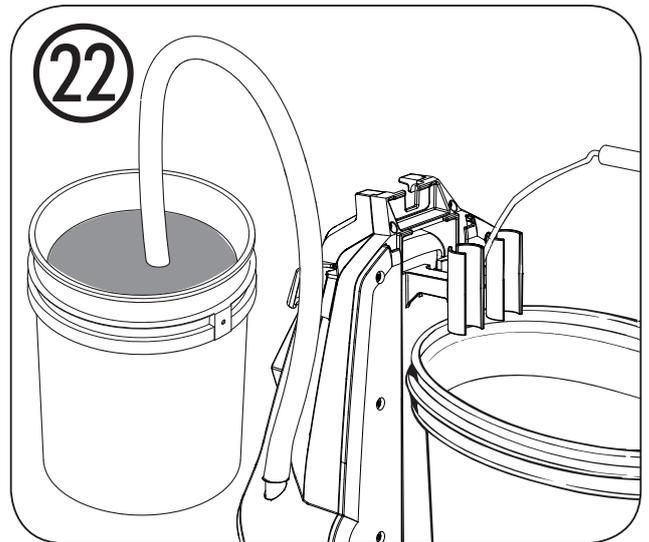


Attention! Disconnect the power plug from the turbine unit. Do not put the turbine unit anywhere near liquids. Never dip the turbine unit into liquids. Clean the housing only with a moistened cloth.

- **Important: The material flow limiter must be set to 12 in order for the stop to be able to move out.**

Pull the trigger backwards (fig. 24, 1) and move out the stop (2).

- Hook the spray attachment plus fixture (fig. 25, 3) into the paint container so that the nozzle is pointing into the container.
- Switch on the device (position I) and pump paint out of the hose back into the container until water emerges.
- Turn the machine off (position 0).
- Remove the suction filter at the end of the suction hose and clean thoroughly in running water.
- Reattach the suction filter once it is clean.
- Put the end of the suction hose into a bucket of water.





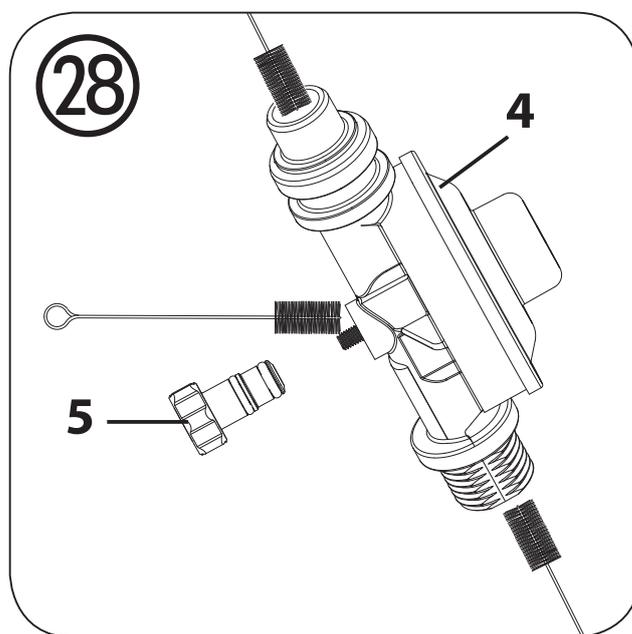
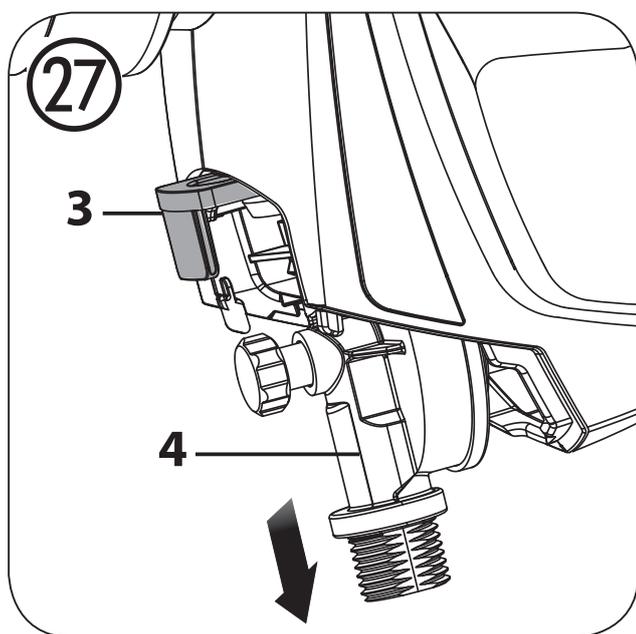
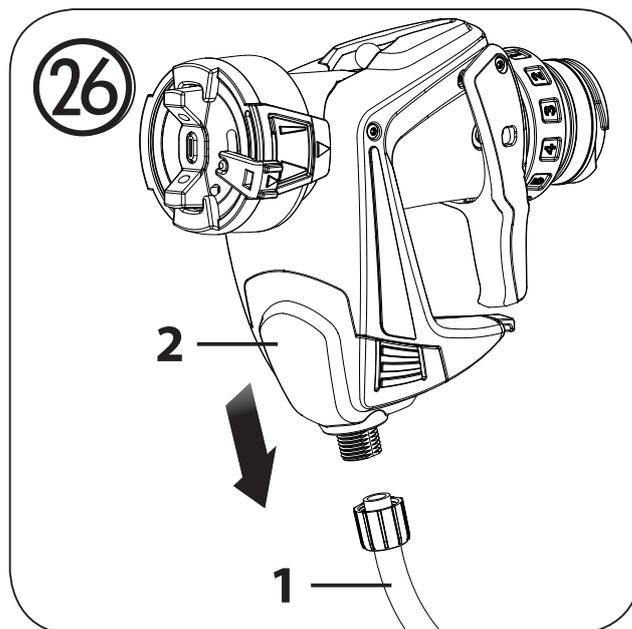
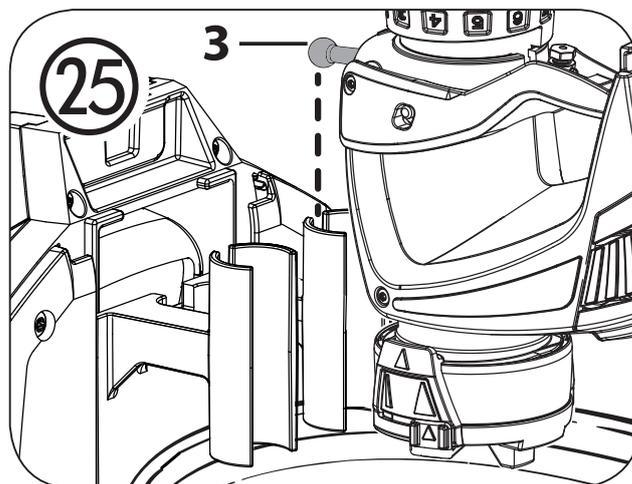
With a second empty bucket you can improve the cleaning result as the dirty water is not pumped through the system a second time.

- Replace the paint container at the basic unit with a bucket of water or an empty bucket.
- Suspend the spray attachment with the fixture (Fig. 25, 3) over the bucket.
- Leave the pump on for about 10-15 minutes. Renew the water as required.



After cleaning, pump all the water out of the device and hose. With pumps filled with water, at temperatures below 0°C there is a risk of frost damage.

- Turn the machine off (position 0) and remove the plug.
- Push the stop upwards until you hear it click into place.
- Disconnect the material hose (fig. 26, 1) from the spray attachment and remove the cover (2).
- Pull out the red catch (fig. 27, 3) and remove the pressure reducer (4).
- Remove the valve (fig. 28, 5) and clean thoroughly.
- Clean the openings in the pressure reducer (fig. 28, 4) using a brush and water.



- Remove the adjustment ring (fig. 29, 1) carefully from the union nut (2).
- Unscrew the union nut (fig. 29, 2) and remove the air cap (3), air screen (4) and nozzle (5).



Never clean seals, diaphragm and nozzle or air holes of the spray gun with metal objects.

Do not immerse in solvent, only wipe.

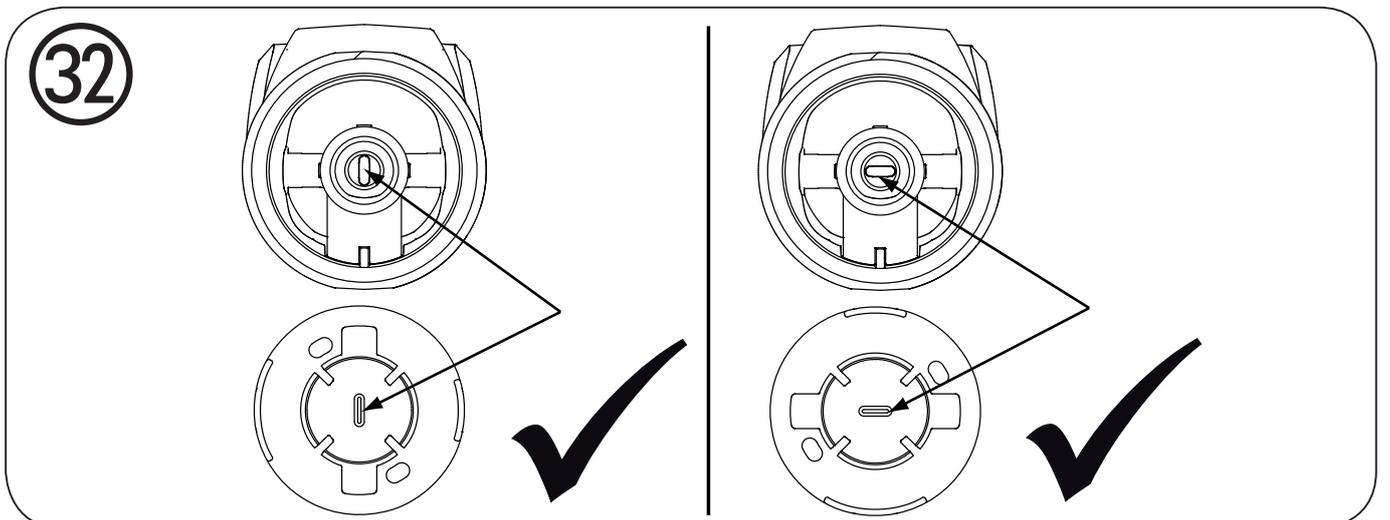
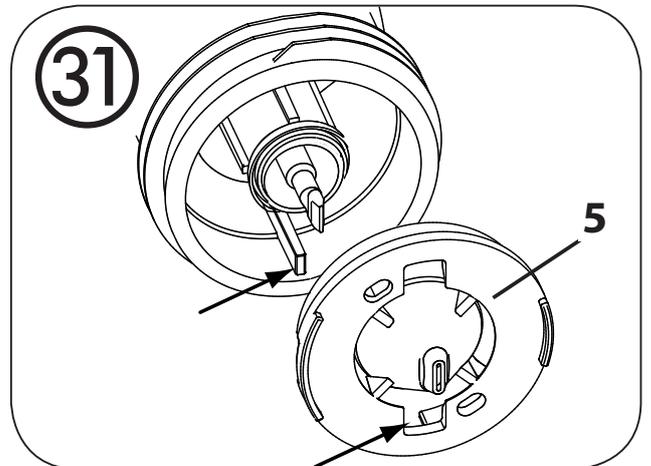
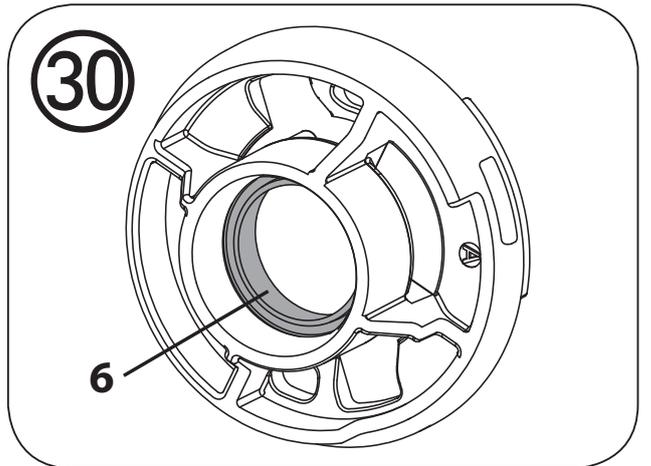
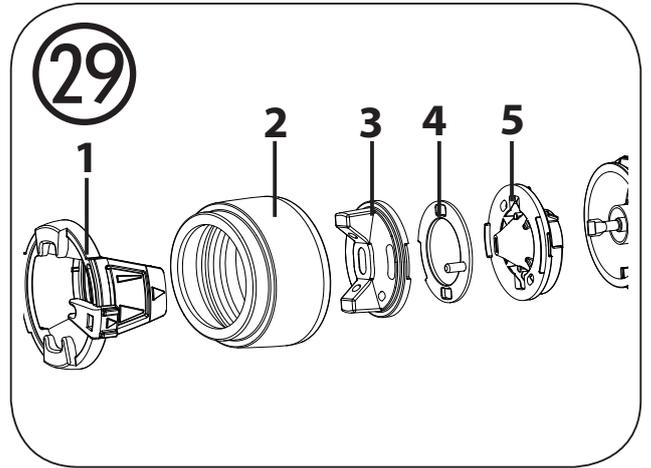
- Clean the air cap, air screen, nozzle seal, and nozzle with a brush and water.
- Assemble the parts again (see "Assembly").

Assembly



Attention! Never operate the device if the nozzle seal (fig. 30, 6) is either damaged or missing. If the nozzle seal is either missing or damaged liquids can enter the device and increase the risk of an electric shock.

- Check the nozzle seal (fig. 30, 6) in the nozzle.
 - Place the nozzle (fig. 31, 5) on to the gun body with the recess facing downwards.
- Attention: Position of needle must be congruent with the nozzle aperture. (Fig. 32)**

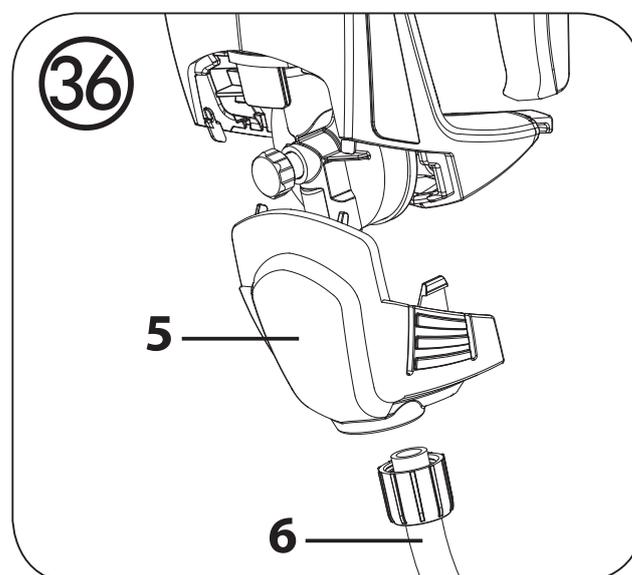
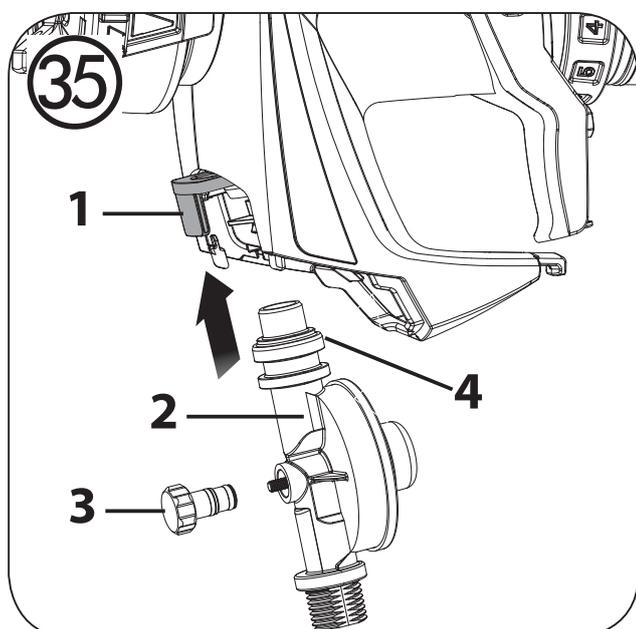
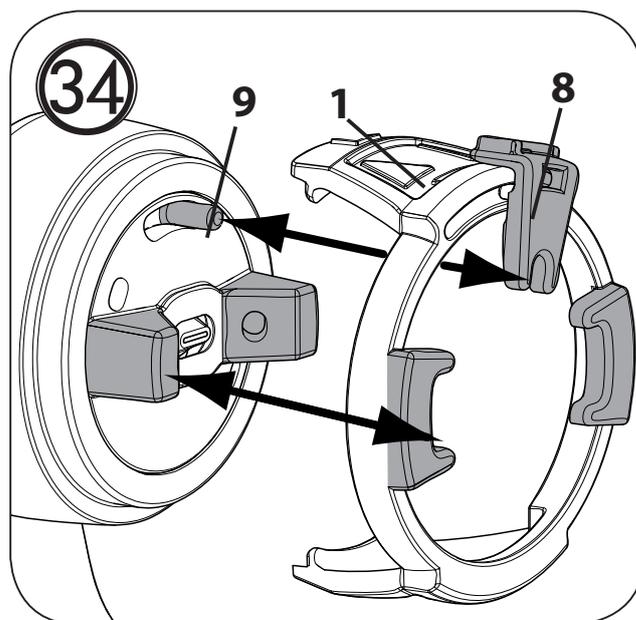
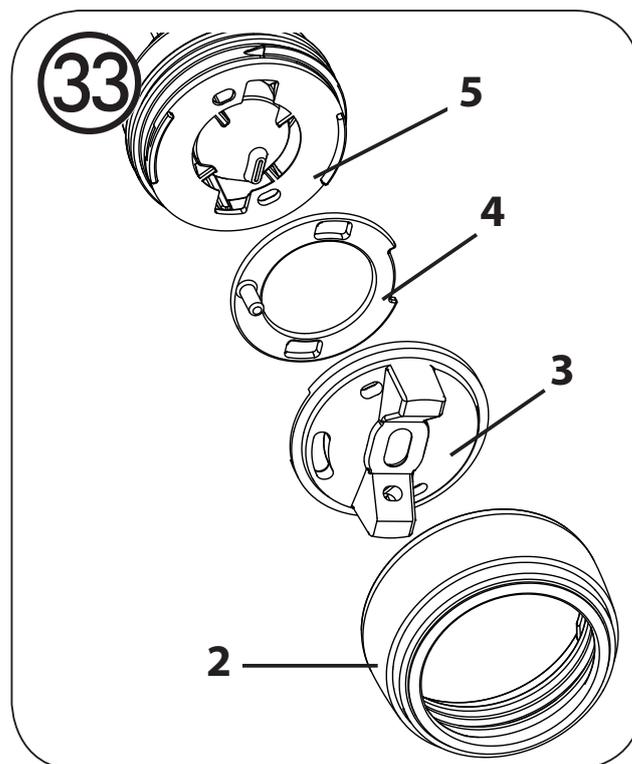


- Put the air screen (fig. 33, 4) in the air cap (3). Put both on the nozzle (5) and secure with the union nut (2).

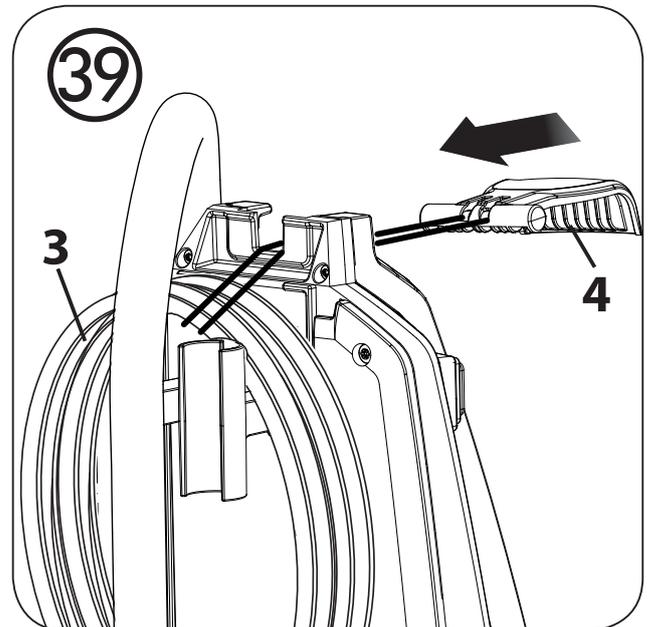
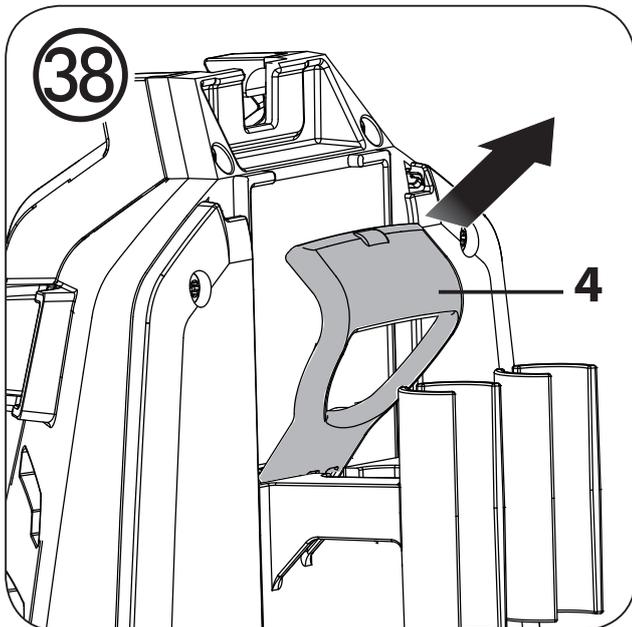
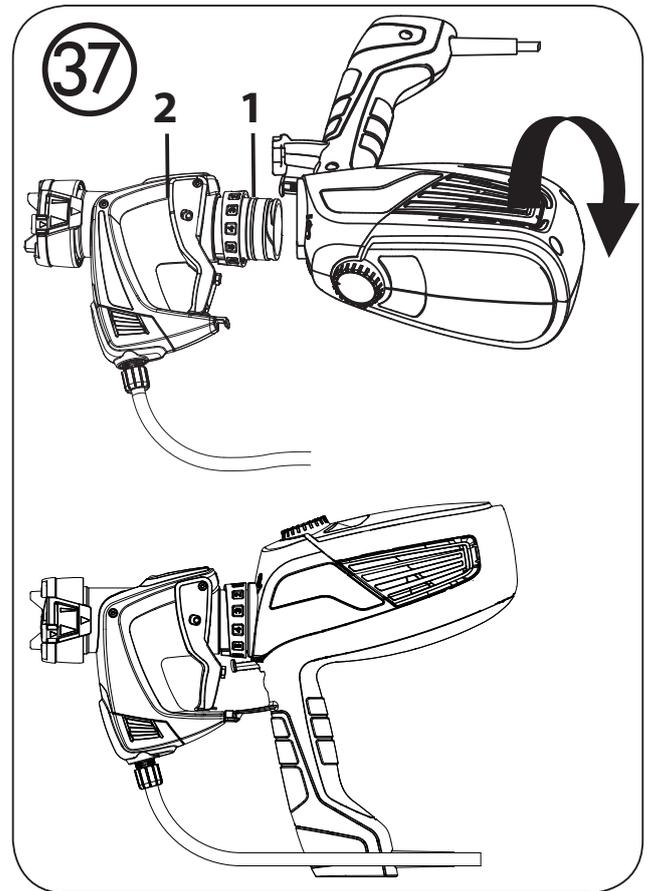


Tighten the union nut (Fig. 33, 2) fully so that no paint is able to penetrate the device.

- Adjust the setting ring (fig. 34, 1) so that the two "horns" grip the air cap and the red adjustment lever (8) rests on the pin (9).
- Click the setting ring into place on the union nut.
- Lubricate the seal (fig. 35, 4) on the pressure reducer and the O-ring on the valve (3).
- Insert valve (fig. 35, 3) into the pressure reducer (2).
- Insert the pressure reducer (fig. 35, 2) into the spray attachment and secure with the red catch (1).
- Place the cover (fig. 36, 5) on to the spray attachment and screw the material hose into position (6).



- Lubricate the O-ring (fig. 37, 1) on the spray attachment.
- Insert the spray attachment (fig. 37, 2) into the turbine unit and turn by 90° until you hear it click into place.
- Hold the height-adjustable attachment for paint bucket at the side and pull upwards.
- Take the bucket away from the device.
- Push the paint container attachment down.
- Roll up the material hose and power cable tidily making sure they **don't kink**.
- Pull the yellow handle (fig. 38, 4) out of the device.
- Hook the unrolled material hose (fig. 39, 3) on to the paint container attachment and secure to the device with the handle (4).



- Fold up the black bracket (fig. 40, 1) on the device.
- Place the spray gun on the plate (fig. 40,2) on the device and secure using the black bracket (1).
- The device can be carried conveniently by the yellow handle. (Fig. 41)

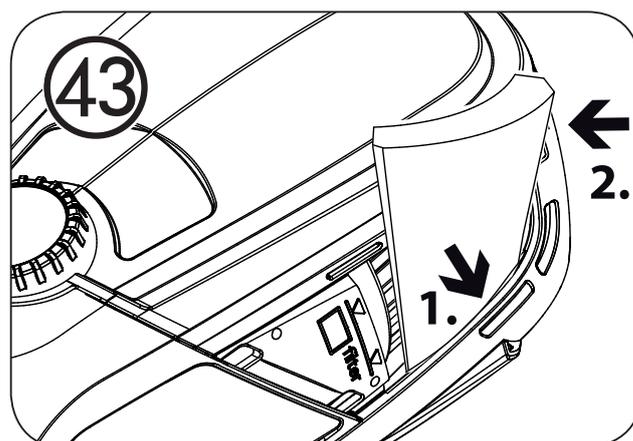
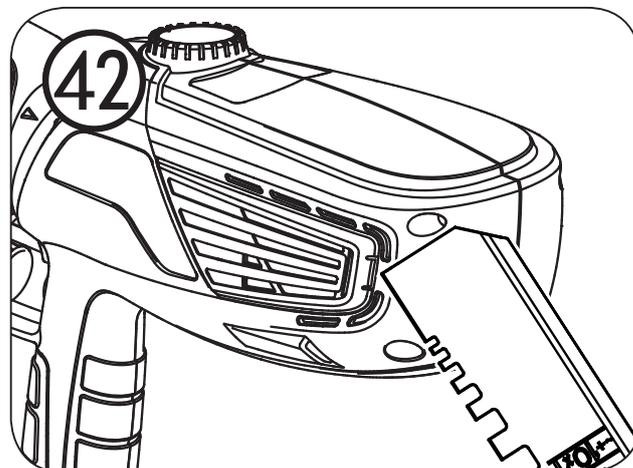
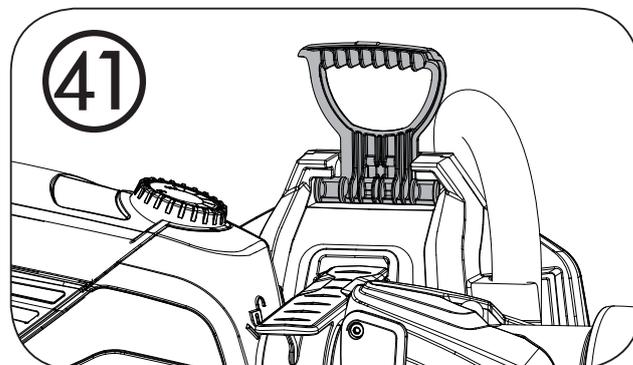
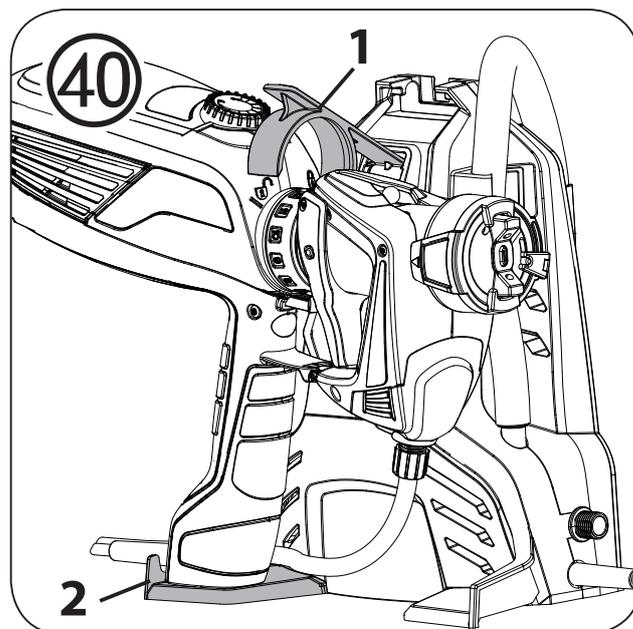
21. Maintenance



WARNING! Never operate the machine without the air filter; dirt could be sucked in and interfere with the function of the machine. Check the air filter after each use for contaminants. Disconnect plug before changing parts.

- Open the air filter lid with the help of the stirring rod. (Fig. 42)
- Pull out the air filter and replace it if necessary, depending on how soiled it is.
- First, push the new air filter into the bottom part of the compartment. (Fig. 43)
- Next push it completely into the compartment.

In order to push the air filter into the compartment completely, we recommend using the stirring rod.



22. Correction of Malfunctions

Problem	Cause	Remedy
The material is suctioned at the first filling, but does not feed through the hose, or only in intervals	<ul style="list-style-type: none"> • There is a kink in the material hose • The material is too thick and is blocking the hose 	<ul style="list-style-type: none"> • Remove kink • Follow the instructions in chapter 20 until the spray attachment is hooked over the paint container (Fig. 25). Next, switch on the pump and leave it running until the material emerges evenly (this can take several minutes). Thin the material as required. Continue with the start-up operation in chapter 10.
No coating material emerges from the nozzle	<ul style="list-style-type: none"> • Nozzle clogged • Material quantity too small • Container empty • Suction hose is blocked • The suction hose is not in the paint • The pressure reducer is clogged up • Pump is defect 	<ul style="list-style-type: none"> → Clean → Increase the quantity of material → New paint container → Clean suction hose → Immerse the suction hose → Reduce the pressure and clean the pressure reducer (fig. 26-28) → Please contact Wagner Service
Coating material drips from the nozzle	<ul style="list-style-type: none"> • Nozzle loose • Nozzle worn • Nozzle seal is missing or worn • Coating material assembly at air cap, nozzle or needle 	<ul style="list-style-type: none"> → Tighten the union nut → Change → Replace → Clean
Atomisation too coarse	<ul style="list-style-type: none"> • Coating material too thick • Material volume too large • Nozzle contaminated • Air filter heavily soiled • Amount of air too low 	<ul style="list-style-type: none"> → Dilute → Reduce material volume → Clean → Change → Increase air volume

Problem	Cause	Remedy
Spray jet is uneven/ not constant	<ul style="list-style-type: none"> • Air filter heavily soiled • Nozzle seal is missing or worn • Filter clogged at suction hose 	<ul style="list-style-type: none"> → Change → Replace → Clean filter
The gun is "spitting"	<ul style="list-style-type: none"> • Not enough paint in the container (the pump has sucked in air) 	<ul style="list-style-type: none"> → Refill the paint container. Detach the spray attachment from the turbine unit and hold it over the paint container. Depress the trigger until the paint jet is even again.
Coating material causes "paint tears"	<ul style="list-style-type: none"> • Too much coating material applied. 	<ul style="list-style-type: none"> → Reduce material volume
Too much fog of coating material (Overspray)	<ul style="list-style-type: none"> • Distance to the object too large • Too much coating material applied • Amount of air too high 	<ul style="list-style-type: none"> → Reduce distance → Reduce material volume → Decrease air volume
Width of paint spray cannot be adjusted	<ul style="list-style-type: none"> • Adjustment ring is not connected to the peg on the air cap • Air screen is clogged up 	<ul style="list-style-type: none"> → Connect adjustment ring and peg → Disassemble and clean
Poor covering capacity on the wall	<ul style="list-style-type: none"> • Spray material is too cold • Highly absorbent surface or paint with poor covering capacity • Distance too large 	<ul style="list-style-type: none"> → The material you are spraying should be at room temperature → Cross spray (Fig. 20) → Closer to the object
Coating material cannot be atomised	<ul style="list-style-type: none"> • Turbine is defect 	<ul style="list-style-type: none"> → Please contact Wagner Service

23. Storage



Attention! Risk of damage due to freezing water. Store the device in a frost-free place only once it has been completely emptied.

- Store the device only when cleaned properly.
- Release the trigger stop.

24. Spare Parts



The pictures of spare parts can be found on the page that folds out at the end of the operating manual.

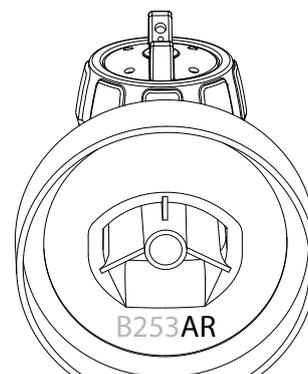
Spare Parts List: Direct Feed spray attachment (Fig. A1)

Pos.	Designation	Order No.
	Direct Feed spray attachment (pos. 1 to 9)	2363 216
1	Spray jet adjustment ring	2353 697
2	Union nut	2353 698
3	Air cap	2365 440
4	Air screen	2365 442
5,6	Nozzle, valve	2356 146
7	Pressure reducer seal	2350 214
8	Pressure reducer cp. (incl. pos. 6, 7)	2353 700
9	Pressure reducer cover	2362 913
10	Material hose	2362 914

Spare Parts List: Standard spray attachment (Fig. A2)

Pos.	Designation	Order No.
	Standard spray attachment complete with 800 ml container	2361 730 AUS 2361 731
1	Union nut	2362 873
2	Air cap	2362 877 AUS 2361 747
3	Nozzle	2362 878
4	Nozzle seal	0417 706
5	O-ring of spray attachment	2362 875
6	Ventilating hose, valve cover, diaphragm	2304 027
7	Feed tube (no marking or R)* Feed tube (marking AR)*	2362 876 2367 410
8	Container seal (no marking or R)* Container seal (marking AR)*	2323 039 2370 527
9	Container with cover 800 ml	0413 909

- * Before placing the order, please check the bottom of the inside of your spray attachment to see if there is a marking there. Do this by unscrewing the container and removing the container seal.



Spare Parts List: W 990 Flexio basic device (Fig. A3)

Pos.	Designation	Order No.
1	Air filter cover (right + left)	2335 172
2	Air filter set (2 pcs.)	2333 123
3	Support bracket	2362 915
4	Suction hose cpl. (incl. pos. 5)	2353 701
5	Suction filter	2356 621
6	Strap holder	2362 916
7	Stirring rod	2304 419
8	Cleaning brush	2362 917
	Lubricating grease (no fig.)	2315 539

25. Accessories

The **CLICK&PAINT SYSTEM** with additional spray attachments and accessories offers the right tool for each work.

Further information about the **WAGNER** range of products for renovating is available under www.wagner-group.com

26. Technical Data

Technical Data		
Max. viscosity: Interior wall paint	4000 mPas	
Power source:	230 V ~ , 50 Hz	240 V ~ , 50 Hz
Power consumption:		
Total (P max)	680 W	710 W
Pump (P1)	50 W	50 W
Turbine unit	630 W	660 W
Atomizing output:	200 W	
Max. flow rate: Interior wall paint	525 ml/min	

Technical Data

Max. operating pressure	1.5 MPa (15.0 bar)
Protection Class:	I
Material hose length:	7.0 m
Weight:	4.7 kg
Sound pressure level*:	76 dB (A); Uncertainty K = 4 dB
Sound pressure output*:	89 dB (A); Uncertainty K = 4 dB
Oscillation level*:	< 2.5 m/s ² ; Uncertainty K = 1.5 m/s ²

* Measured for the turbine unit in accordance with EN 60745-1

Information about the oscillation level

The specified oscillation level has been measured according to a standard test procedure and can be used to compare against electric tools.

The oscillation level is also for determining an initial assessment of the vibrational strain.

Attention! The vibration emission value can differ from the specified value when the electric tool is actually in use, depending on how the electric tool is being used. It is necessary to specify safety measures to protect the operating personnel. These measures are based on an estimated shutdown during the actual conditions of use (all parts of the operating cycle are taken into consideration here, for example periods when the electric tool is switched off, and, when it is switched on but running without any load).

Environmental protection



The device and all accessories and packaging have to be recycled in an environmentally friendly manner. Do not dispose of the appliance with household waste. Support environmental protection by taking the appliance to a local collection point or obtain information from a specialist retailer. Leftover paint and solvents may not be emptied into drains, the sewage system or disposed of as household rubbish. It has to be disposed of separately as special waste. Please pay special attention to the instructions on the product packaging.

Important Note regarding Product Liability!

According to an EU directive, the manufacturer is only liable without limitation for faults in the product if all parts come from the manufacturer or have been approved by the manufacturer and have been mounted to the device and are operated properly. If third-party accessories or spare parts are used, the manufacturer is exonerated wholly or partly from his/her liability if use of the third-party accessories or spare parts have caused a defect in the product.

3+1 years guarantee

The guarantee runs for three years, counting from the date of sale (sales slip). The guarantee is extended by a further 12 months if the device is registered online within 4 weeks of the purchase at www.wagner-group.com/3plus1. Registration is only possible if the buyer is in agreement with the data being stored that is entered during registration. The guarantee covers and is restricted to free-of-charge rectification of faults which are demonstrably attributable to the use of faulty materials in manufacture, or assembly errors; or free-of-charge replacement of the defective parts. The guarantee does not cover incorrect use or commissioning or fitting or repair work which is not stated in our operating instructions. Wearing parts are also excluded from the guarantee. The guarantee excludes commercial use. We expressly reserve the right to fulfil the guarantee. The guarantee expires if the tool is opened up by persons other than WAGNER service personnel. Transport damage, maintenance work and loss and damage due to faulty maintenance work are not covered by the guarantee. Under any guarantee claim, there must be proof of purchase of the tool through submission of the original receipt. Wherever legally possible, we exclude all liability for injury, damage or consequential loss, especially if the tool has been used for a purpose other than that stated in the operating instructions, commissioned or repaired other than in accordance with our operating instructions or if repairs are performed by someone who is unqualified. We reserve the right to perform any repairs in excess of those stated in our operating instructions. In case of guarantee or repair, please refer to your point of sale.

Warning

If the supply cord of this appliance is damaged, it must only be replaced by a repair shop appointed by the manufacturer, because special purpose tools are required.

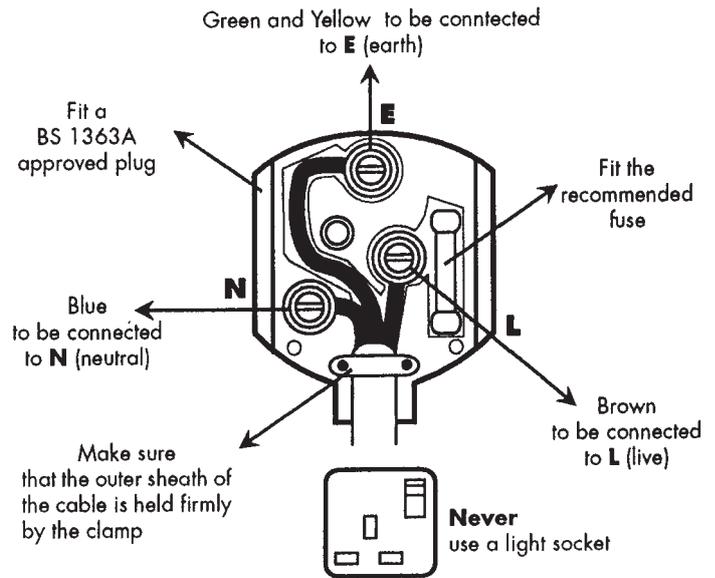
The wires in this mains lead are coloured in accordance with the following code:

green/yellow = earth

blue = neutral brown = live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- The wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol or coloured green or green and yellow.
- The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
- The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured brown.
- Should the moulded plug have to be replaced, never re-use the defective plug or attempt to plug it into a different 13 A socket. This could result in an electric shock.
- Should it be necessary to exchange the fuse in the plug only use fuses approved by ASTA in accordance with BS 1362. Only 13 Amp fuses may be used.
- To ensure that the fuse and fuse carrier are correctly mounted please observe the provided markings or colour coding in the plug.
- After changing the fuse, always make sure that the fuse carrier is correctly inserted.
- Without the fuse carrier, it is not permissible to use the plug.
- The correct fuses and fuse carriers are available from your local electrical supplies stockist.



 CE Konformitätserklärung

Wir erklären in alleiniger Verantwortung, dass dieses Produkt den folgenden einschlägigen Bestimmungen entspricht:

2014/35/EU (Type 0449); 2006/42/EG (Type 0442B); 2014/30/EU, 2011/65/EU, 2012/19/EU

Angewandte harmonisierte Normen:

EN 60335-1, EN 60335-2-41 (für Type 0449)

EN 60745-1, EN 50580 (für Typ 0442B)

EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3, EN 62233

Die EU Konformitätserklärung liegt dem Produkt bei.

Sie kann bei Bedarf mit der Bestellnummer **2362410** nachbestellt werden.

 CE Declaration of Conformity

We declare under sole responsibility that this product conforms to the following relevant stipulations:

2014/35/EU (type 0449); 2006/42/EC (type 0442B); 2014/30/EU, 2011/65/EU, 2012/19/EU

Applied harmonised norms:

EN 60335-1, EN 60335-2-41 (for Typ 0449)

EN 60745-1, EN 50580 (for Typ 0442B)

EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3, EN 62233

The EU declaration of conformity is enclosed with the product.

If required, it can be re-ordered using order number **2362410**.

 CE Déclaration de conformité

Nous déclarons sous notre responsabilité que ce produit est en conformité avec les réglementations suivantes:

2014/35/UE (type 0449); 2006/42/CE (type 0442B); 2014/30/UE, 2011/65/UE, 2012/19/UE

Conforme aux normes et documents normalisés:

EN 60335-1, EN 60335-2-41 (pour le type 0449)

EN 60745-1, EN 50580 (pour le type 0442B)

EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3, EN 62233

La déclaration de conformité UE est jointe à ce produit.

Elle peut être commandée au besoin sous le numéro de commande **2362410**.

 CE Conformanceverklaring

Wij verklaren dat dit product voldoet aan de volgende normen:

2014/35/EU (type 0449); 2006/42/EG (type 0442B); 2014/30/EU, 2011/65/EU, 2012/19/EU

En normatieve documenten:

EN 60335-1, EN 60335-2-41 (voor type 0449)

EN 60745-1, EN 50580 (voor type 0442B)

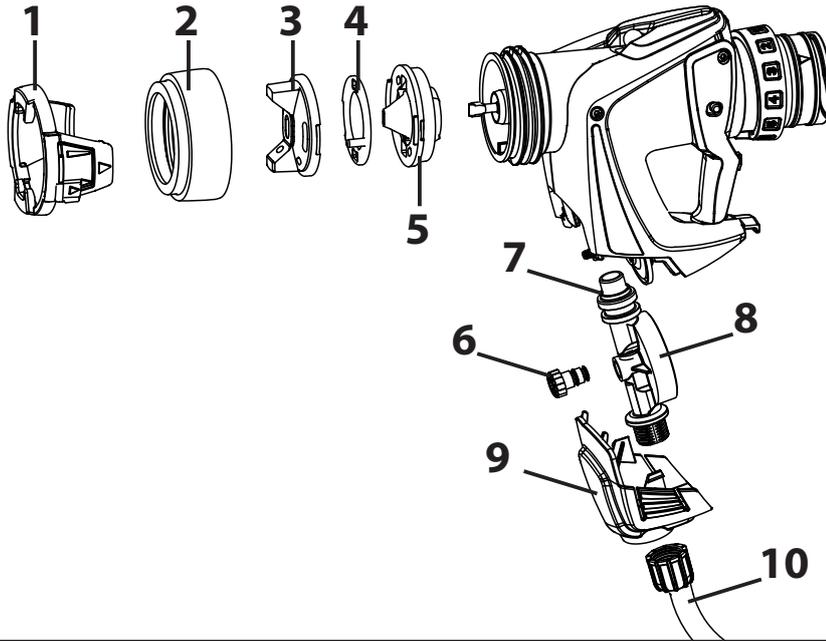
EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3, EN 62233

De EU-conformanceverklaring wordt met het product meegeleverd.

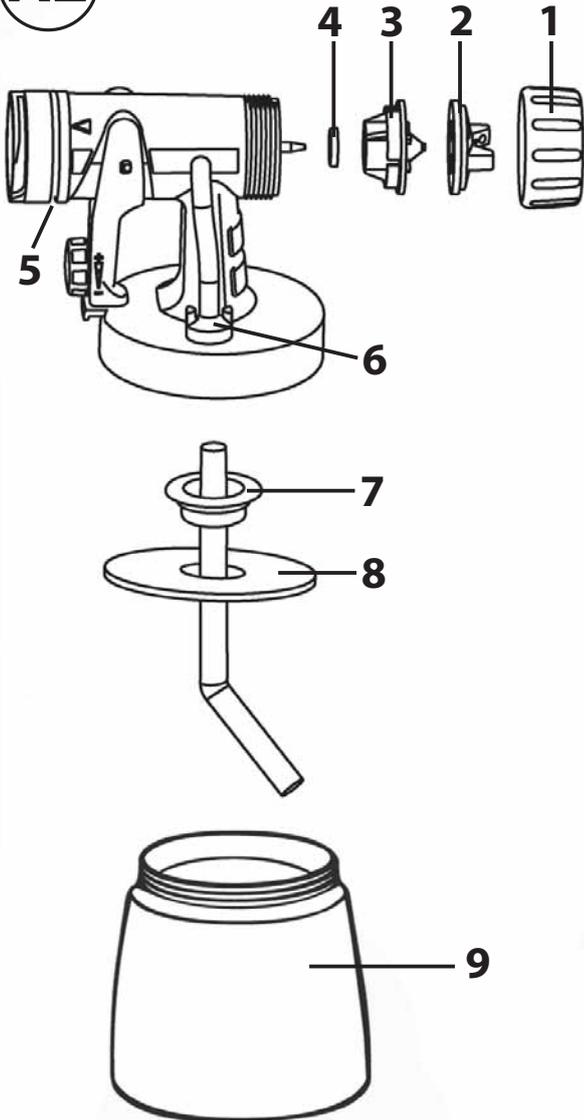
Indien nodig kan de verklaring met bestelnummer **2362410** worden nabesteld.

ÜBERSICHT / OVERVIEW / APERÇU GÉNÉRAL / OVERZICHT

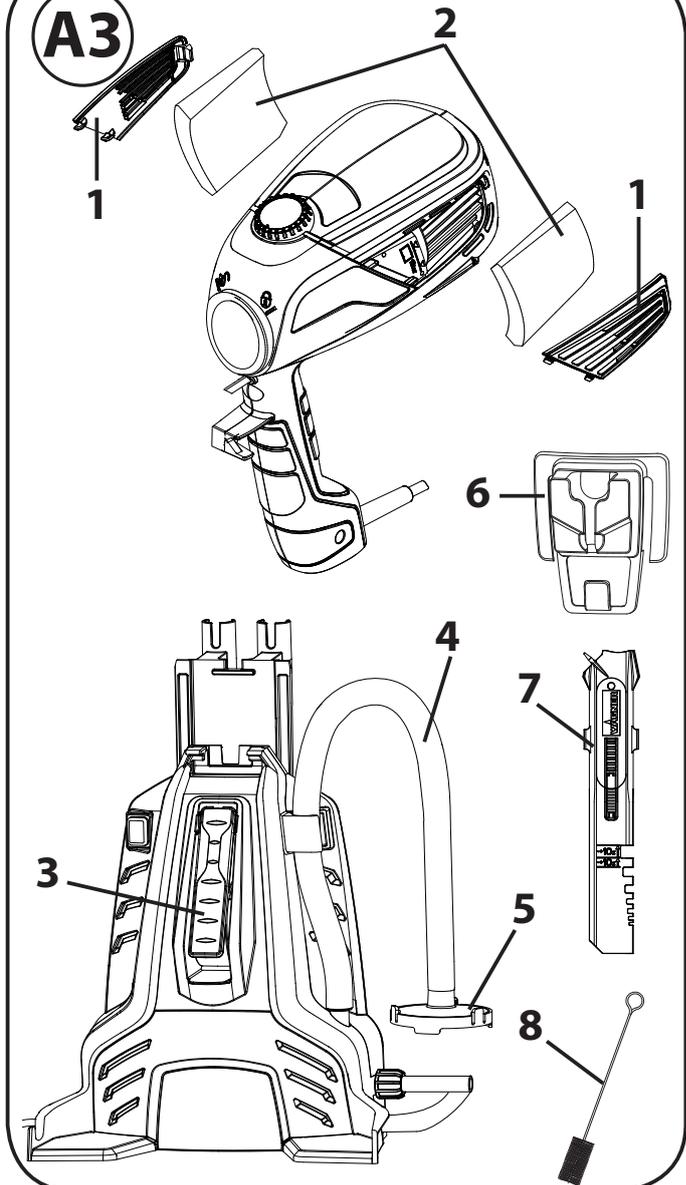
A1



A2



A3





Auf der Rückseite dieser Ausklappseite befinden sich die Ersatzteilbilder.
Die dazugehörigen Ersatzteillisten finden Sie in Kapitel 24.



The pictures of spare parts can be found on the back of this fold-out page.
The related spare part lists can be found in chapter 24.



Les illustrations des pièces de rechange se trouvent au dos de cette page dépliant.
Vous trouverez les listes de pièces de rechange correspondantes au chapitre 24.



Op de achterkant van deze uitklappagina bevinden zich de afbeeldingen van de reserveonderdelen.
De bijbehorende reserveonderdelenlijsten vindt u in hoofdstuk 24.

D	J. WAGNER GMBH Otto-Lilienthal-Str. 18 88677 Markdorf T +49 0180 - 55 92 46 37 F +49 075 44 - 5 05 11 69	SK	E-CORECO SK S.R.O. Kráľovská ulica 8/7133 927 01 Šaľa T +42 1948882850 F +42 1313700077	CZ	E-CORECO S.R.O. Na Roudné 102 301 00 Plzeň T +42 734 792 823 F +42 227 077 364
F	WAGNER FRANCE S.A.R.L. 12 Avenue des Tropiques Z.A. de Courtaboeuf 91978 Les Ulis Cedex T +33 0825 011 111 F +33 (0) 1 69 81 72 57	GB	WAGNER SPRAYTECH (UK) LTD Opus Park Moorfield Road Guildford Surrey GU1 1SZ T +44 (0) 1483 - 454666 F + 44 (0) 1483 - 454548	H	HONDIMPEX KFT. Kossuth L. u. 48-50 8060 Mór T +36 (-22) - 407 321 F +36 (- 22) - 407 852
DK	ORKLA HOUSE CARE DANMARK A/S Stationsvej 13 3550 Slangerup Danmark T +45 47 33 74 00 F +45 47 33 74 01	NOR	ORKLA HOUSE CARE NORGE AS Nedre Skøyen vei 26, PO Box 423, Skøyen 0213 Oslo T +47 22 54 40 19	PL	PUT WAGNER SERVICE ul. E. Imieli 27 41-605 Swietochlowice T +48/32/346 37 00 F +48/32/346 37 13
S	ORKLA HOUSE CARE AB Box 133 564 23 Bankeryd Sweden T +46(0)36 37 63 00	ROM	ROMIB S.R.L. str. Poligonului nr. 5 - 7 100070 Ploiesti ,judet Prahova T +40-344801240 F +40-344801239	CH	J. WAGNER AG Industriestraße 22 9450 Altstätten T +41 71 - 7 57 22 11 F +41 71 - 7 57 23 23
E P	MAKIMPORT HERRAMIENTAS, S.L. C/ Méjico nº 6 Pol. El Descubrimiento 28806 Alcalá de Henares (Madrid) T 902 199 021 / 91 879 72 00 F 91 883 19 59	AUS	WAGNER SPRAYTECH AUSTRALIA PTY. LTD., 14-16 Kevlar Close Braeside, VIC 3195 T +61 3 95 87 - 20 00 F +61 3 95 80 - 91 20	I	FHC SRL Via Stazione 94, 26013 Crema (CR) T 0373 204839 F 0373 204845

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Fouten en wijzigingen voorbehouden.

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