

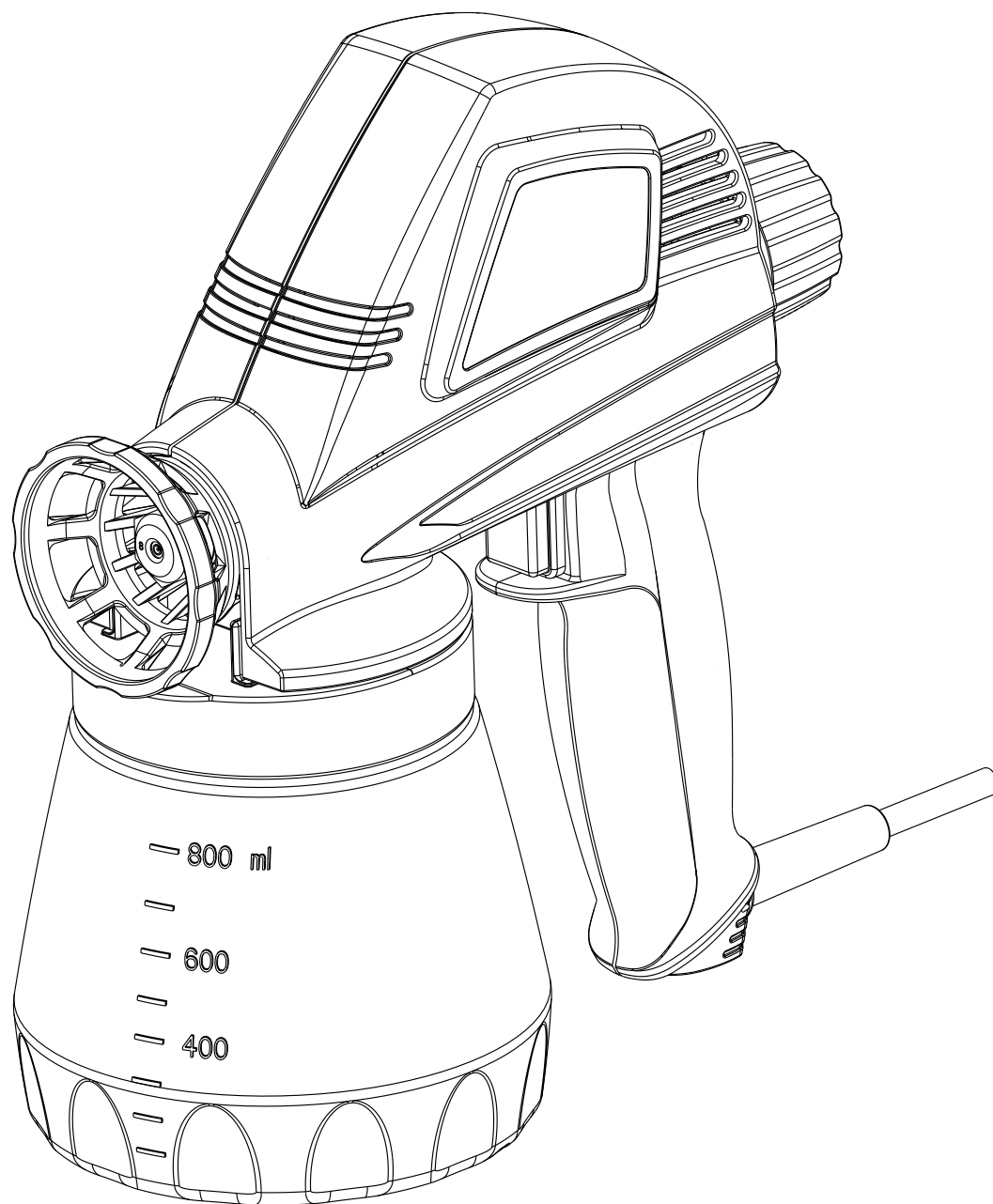
# WAGNER

**2 Jahre  
Garantie**

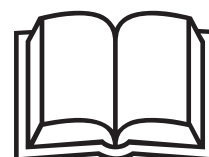
**2 years  
guarantee**

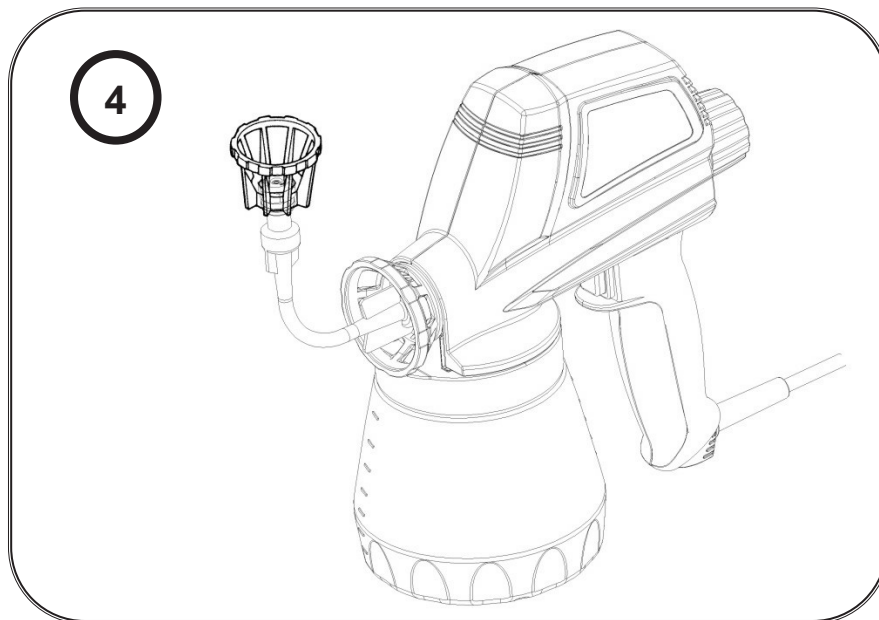
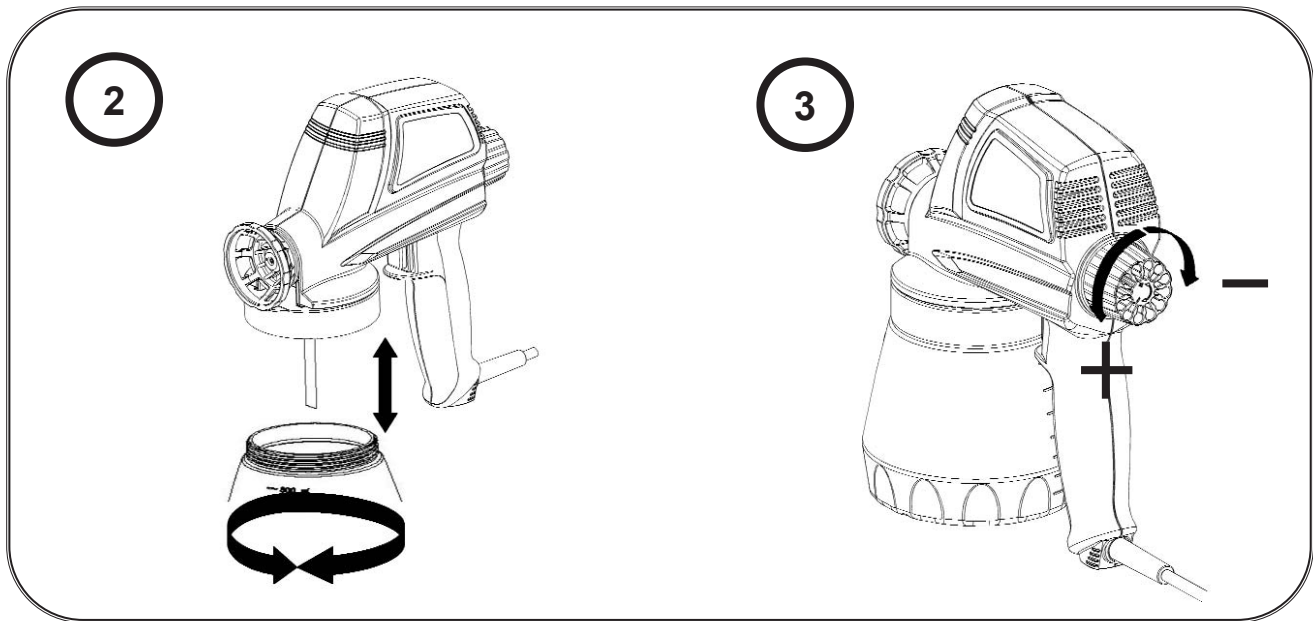
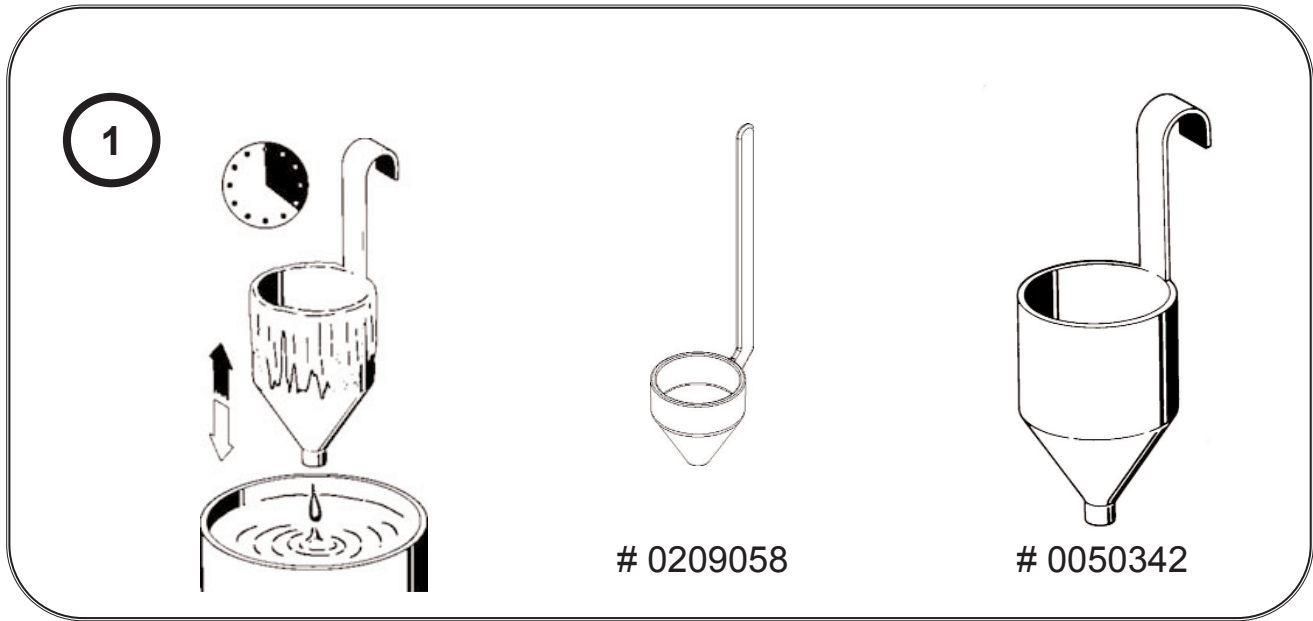
**2 ans de  
garantie**

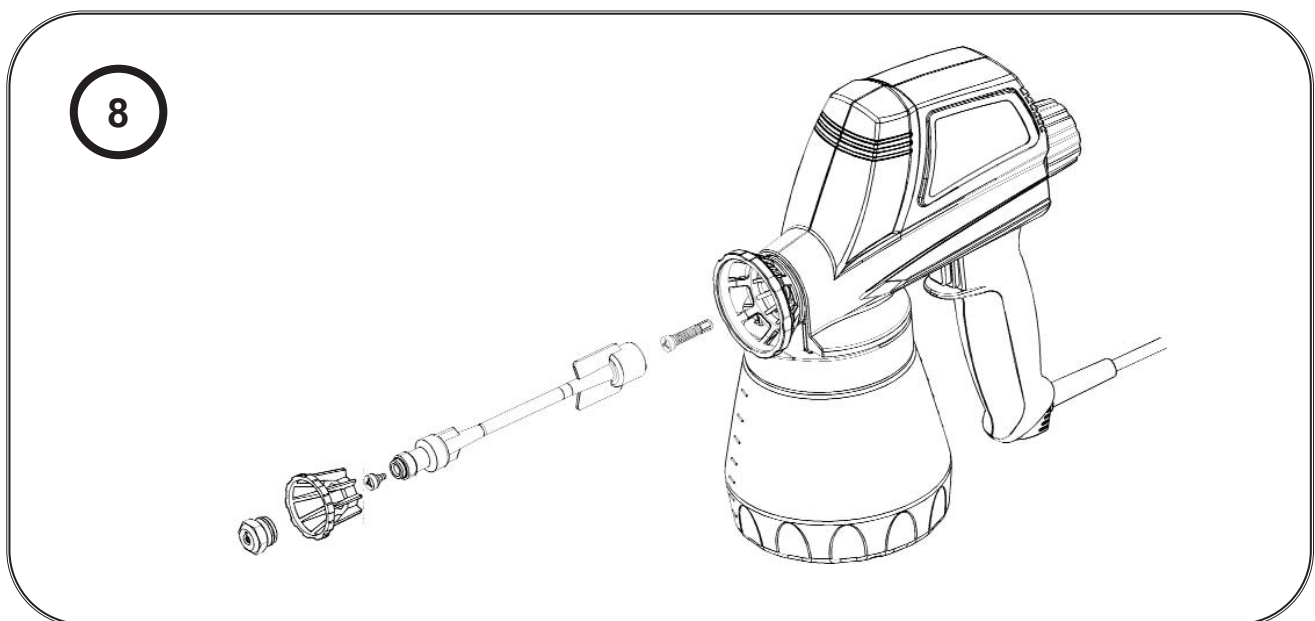
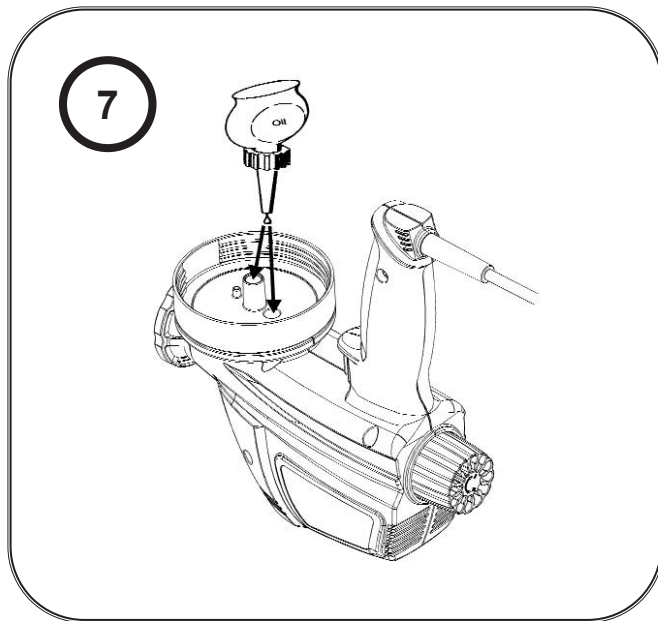
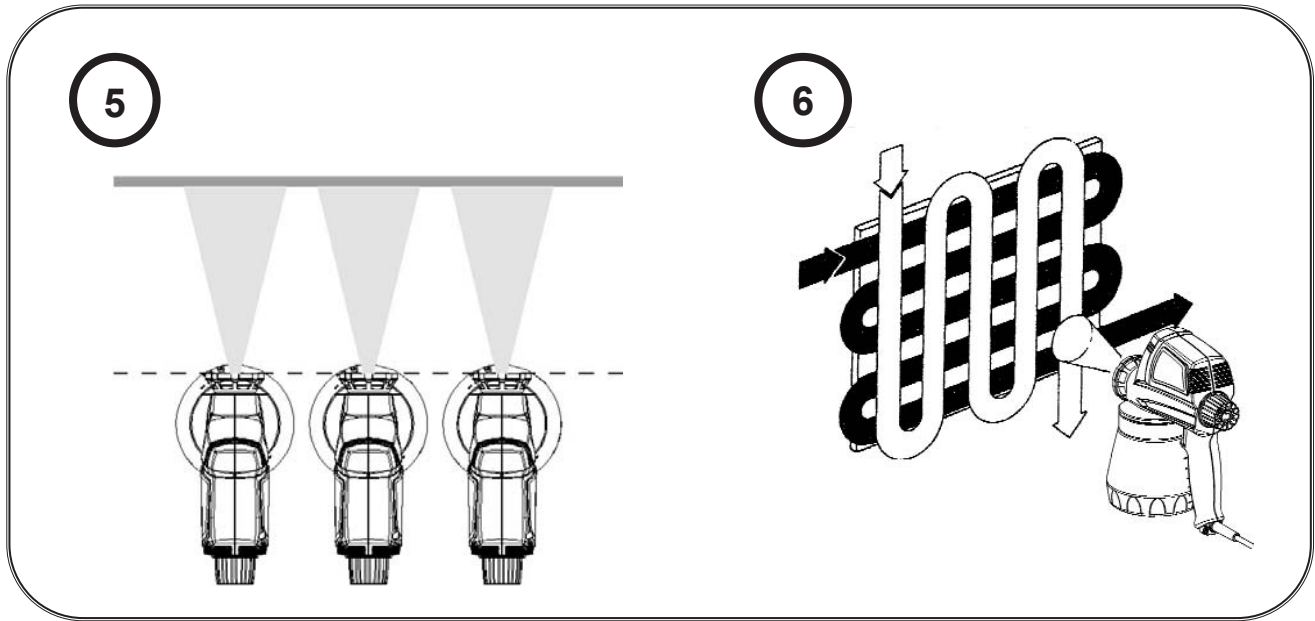
**2 jaar  
garantie**



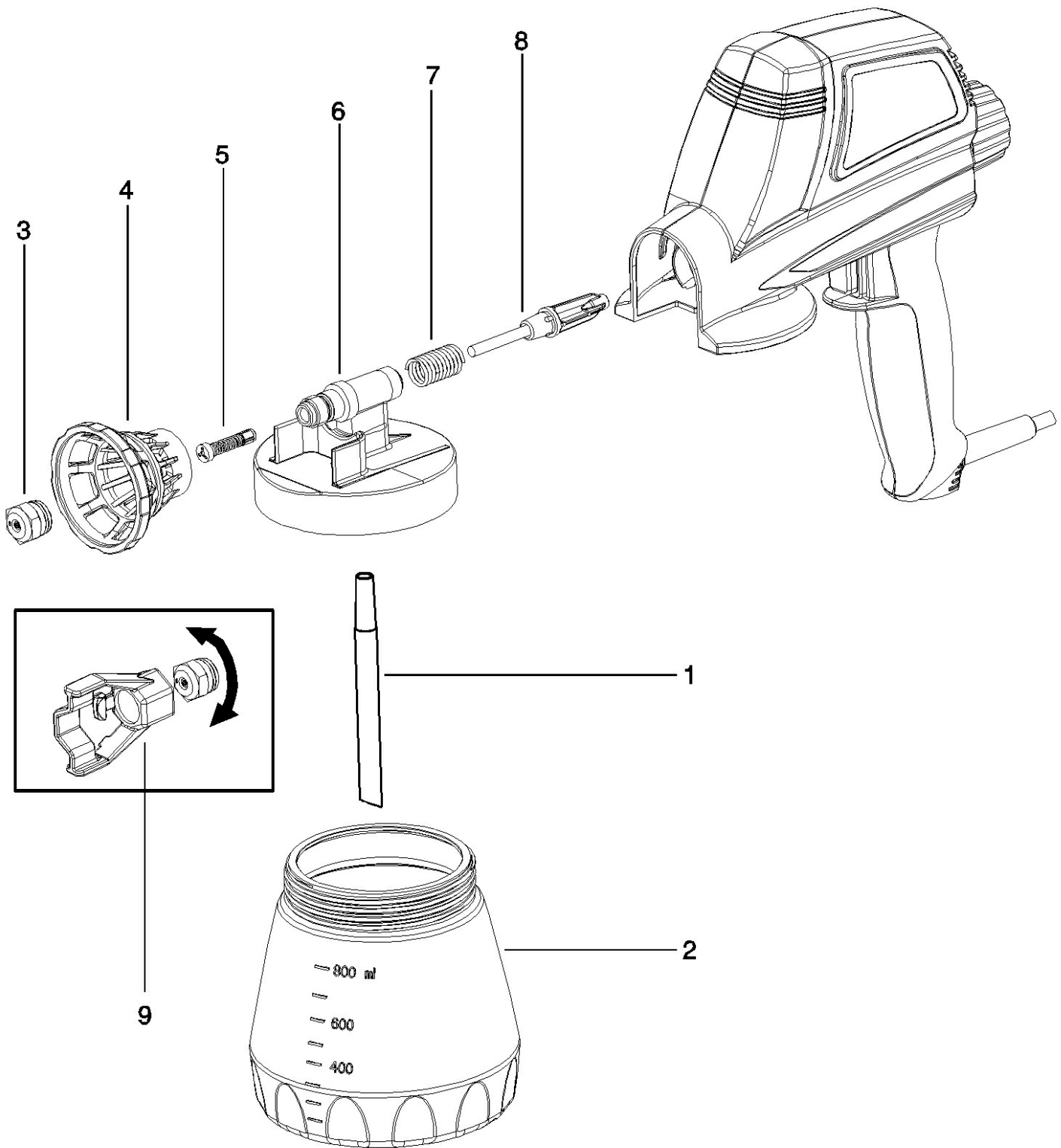
## W 180 P







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**Attention!** When using power tools, the following basic safety measures are to be taken as protection against electric shock, personal injury and risk of fire:  
Read and observe these instructions before using the equipment.

### **Safety Instructions for Spray Guns**

- Spray materials emerge from nozzle tips under high pressure.  
**Attention!** Danger of injection - Never point the spray stream towards human beings or animals. In the event of injury to the skin by paint or solvents, quick expert treatment by a physician is essential. The physician should be informed of the type of paint or solvent involved.
- The spray gun is to be used only for paints and solvents with a 21° C (32° in UK) flashpoint or higher (See information on the material tin. Hazard class A II and A III permitted).
- The spray gun is not to be used in work places covered by Ex-protection regulations.
- To avoid the hazard of explosion when spraying, provide for effective natural or artificial ventilation.
- No sources of ignition are to be in the immediate area when spraying, e.g. open flame, cigarettes, sparks, glowing wires and hot surfaces.
- The spray gun is not a toy; children must therefore not be allowed to handle it or play with it.
- Before carrying out any work on the spray gun, unplug the lead from the power socket.
- Do not use spray guns to spray flammable liquids.
- The spray guns are not to be cleaned with flammable solvents which have a flashpoint under 21°C.
- Take precautionary measures against potential hazards from the spray liquid and follow any instructions given on containers or laid down by the manufacturer of the liquid.
- Do not spray any liquid of unknown hazard potential.
- Wear a breathing mask and ear protection.

### **Technical Data W 180 P**

<b>Max. delivery rate:</b>	270 g/min	<b>Container capacity:</b>	800 ml
<b>Max. viscosity:</b>	(runout time) 80 sec.	<b>Double insulation:</b>	<input type="checkbox"/>
		<b>Pump:</b>	Replaceable
<b>Max. pressure spikes:</b>	150 bar	<b>Pump cylinder:</b>	Special steel
<b>Power source:</b>	230 V~	<b>Piston:</b>	hard-chrome-plated Special steel Ø 5 mm
<b>Power consumption:</b>	110 W	<b>Oscillation level:</b>	10,5 m/s <sup>2</sup>
<b>Round spray nozzle:</b>	0,8 mm	<b>Sound pressure level:</b>	86 dB(A)
<b>Weight:</b>	1,5 kg	<b>Sound pressure output:</b>	99 dB(A)

**Materials to be used:**

Paints and varnishes containing solvents, acrylic enamel paints, water-soluble varnishes, glazes, polishes, wood preservatives, disinfectants, plant protectives, saturants, as well as oils and other watery liquids.

**The following spray substances are not suitable for use:**

Dispersion and latex paints, materials containing strong abrasives, glazes with coarse particles, strippers and caustic solutions, silicate paints.



Use of these spray materials can lead to increased wear or corrosion damage in the pump area, which are not covered by the WAGNER-Guarantee.

**Functional Description of the Spray Gun**

The spray gun sucks in spray materials. The airless atomisation results when the spray material is pumped at high pressure through the swirl system and the nozzle bore.

**Preparing the Spray Material**

The paints usually need to be diluted for use with the spray gun. You will find guidelines for sprayable dilutions in the following viscosity table (viscosity = consistency of the paint). You can achieve the correct dilution by using the viscosity test cup.

<b>Handling Table for Viscosity</b>		
<b>Spray Material</b>	<b>Viscosity:</b>	
	<b>Large Test Cup</b> 	<b>Small Test Cup</b> 
Thinner-soluble varnishes/ primers	20-35	20-45
Water-soluble varnishes / primers	20-50	20-60
Automobile spray paint	18-22	18-22
Wood preservatives, disinfectants, plant protectants, polishes, strippers, oils	undiluted	
Hammer effect enamel	25-35	30-45
Aluminium paints	20-30	20-35

**Measuring the Viscosity**

Dip the viscosity test cup (**illus. 1**) completely into the spray material. Hold the test cup up and measure the time (in seconds) until the liquid empties out. Compare the measured "runout time" with the Viscosity Table.

## Start-up

1. Before connecting to the mains supply, please be sure that the supply voltage is identical with the value given on the rating plate (on the side of the spray gun).
2. Dilute the spray material according to the above table.
3. Place the container on a sheet of paper and fill it with the prepared spray material.  
**Attention! Do not operate the spray gun without spray material in the container; this can lead to increased wear of the pump!**
4. Position the spray gun on the container and turn the container to the right until the container fits tightly (**Illus. 2, arrow**).
5. Activate the switch to start up the spray gun. First the spray gun sucks in spray material, then after a few seconds the material emerges from the nozzle. To accelerate the intake, turn the fine adjustment button to maximum.
6. By turning the fine adjustment button you can vary the spray amount (**Illus.3, arrow**).

**Note:** Regulating with the fine adjustment button influences the spray pattern depending on the spray material and the degree of dilution.

## 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.
  - 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.
  - Test the spray gun on cardboard or a similar surface to find the correct setting.
  - When spraying, hold the spray gun in a horizontal position. Use the **flexible nozzle extension (Illus. 4, special accessories)** for spraying upwards (e.g. a ceiling) or downwards (e.g. an unhinged door laid on the floor).
  - Begin spraying outside of the spray area and avoid interruptions inside the spray area.
  - Do not apply too much paint during one spraying operation. First apply a thin layer and allow to dry briefly before applying a covering layer. This is especially important with vertical surfaces to avoid paint sags.
  - The distance from the nozzle to the object to be sprayed depends on the delivery rate. With a low delivery rate it is possible to go very close to the object. This reduces the amount of spray mist.
  - The spray gun should be worked as evenly as possible during the spray operation. Accelerating or slowing down during the spray operation causes an uneven spray pattern, spattering, dripping and orange peel.
  - 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 (**Illus. 5**).
  - To achieve optimal spray results, spray back and forth over the surface (**Illus. 6**).
-

## Cleaning and Maintenance

The spray gun can only operate satisfactorily if it is cleaned and preserved after each use.

**Attention!** Never immerse the spray gun in liquid when cleaning.

- 1 Empty out the remaining paint from the container.
2. Put proper thinner in the container and trigger the sprayer for approx. 2 seconds.
3. Pull the main plug out of the socket.
4. Disassemble the spray gun as shown in **Illus. 9** (spare parts).
5. Thoroughly clean all soiled parts.
6. Reassemble the parts in reverse order.
7. Put a few drops of oil (e.g. sewing machine oil) in the intake and runback holes (**Illus. 7, arrow**). Briefly switch on the spray gun.

<b>Accessories W 180 P</b>	
<b>Designation</b>	<b>Order No.</b>
Round spray nozzles for various spray materials: Thick spray materials / nozzle size: 1,0 Very thin spray materials / nozzle size: 0,5	0046 906 0046 894
Paint container with cover	0413 909
Needle-jet nozzle	0209 045
Flexible nozzle extension with atomiser	0046 675

## Flexible Nozzle Extension (Illus. 4 + 8)

For spraying ceilings, resting objects or hard-to-reach areas e.g. radiators.

<b>Spare Parts List W 180 P</b>		
<b>Pos</b>	<b>Name</b>	<b>Order No.</b>
1	Suction tube	0413 305
2	Paint container with cover	0413 909
3	Nozzle 0,8 mm	0046 903
4	Locking nut	0413 310
5	Valve	0209 042
6	Pump housing	0413 202
7	Piston spring	0033 028
8	Piston	0198 207
9	Nozzle spanner	0199 327
10	Viscosity measuring cup (small)	0209 058



<b>Malfunction</b>	<b>Cause</b>	<b>Correction</b>
<b>Spray gun buzzes and does not work</b>	Piston stuck Defective drive	Disassemble pump and clean with thinner Send spray gun to customer service center
<b>Spray gun does not suck in</b>	No valve in the pump Suction tube loose in the conical bore Venting hole in pump housing clogged Intake hole (fitting) in pump housing logged Viscosity of spray material too high	Insert valve Adjust suction tube Clean Clean Thin accordingly
<b>Spray gun sucks in but does not spray</b>	Nozzle clogged Ducts and holes in atomiser clogged	Clean Clean
<b>Spray gun works but sprays unevenly</b>	Spray material in container running out Spray gun held inclined leading to sucking in of air Viscosity of spray material too high (too thick) Fine adjustment button not set correctly Wrong nozzle size Nozzle worn out Valve worn out Wrong valve inserted	Refill Use flexible nozzle extension (see accessories) Dilute accordingly Reset according to spray material Change nozzle Replace Replace Use correct valve

### **Important Note Regarding Product Liability!**

Using other accessories and spare parts can lead to partial or total loss of liability and guarantee claims. With original WAGNER accessories and spare parts, you have the guarantee that all safety regulations are fulfilled.

## 2 years guarantee

The guarantee runs for two years, counting from the date of sale (sales slip).

It 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

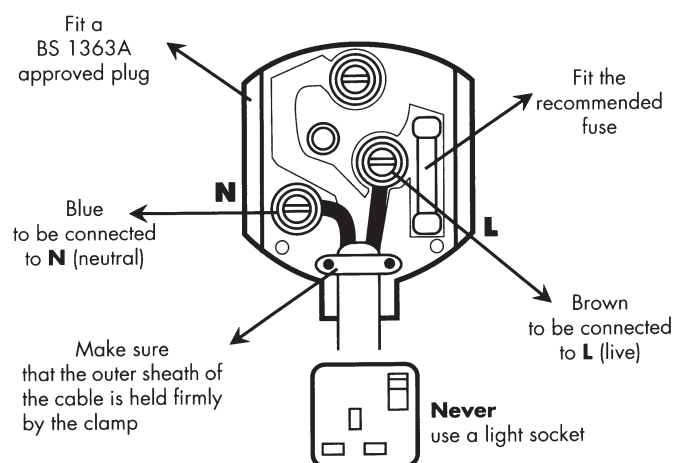
If the supply cord of this appliance is damaged, it must only be replaced by a repair shop appointed by the manufacturer, because special purpose tools are required.

**Warning:** Do not connect the blue or brown wire to the earth terminal of the plug! The wires in this mains lead are coloured in accordance with the following code:

**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:

- ◆ 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. 5 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.



**D CE Konformitätserklärung**

Wir erklären in alleiniger Verantwortung, dass dieses Produkt den folgenden einschlägigen Bestimmungen entspricht: 73/23/EWG, 89/336 EWG.

Angewandte harmonisierte Normen: EN 50144-1: 1998, EN 50144-2-7: 2000, EN 55014-1: 2001, EN 55014-2: 2001, EN 61000-3-2: 2000, EN 61000-3-3: 2001

**GB CE Declaration of Conformity**

We declare under sole responsibility that this product conforms to the following relevant stipulations: 73/23/EWG, 89/336 EWG.

Applied harmonised norms: EN 50144-1: 1998, EN 50144-2-7: 2000, EN 55014-1: 2001, EN 55014-2: 2001, EN 61000-3-2: 2000, EN 61000-3-3: 2001

**F CE Déclaration de conformité**

Nous déclarons sous notre responsabilité que ce produit est en conformité avec les réglementations suivantes : 73/23/EWG, 89/336 EWG.

Conforme aux normes et documents normalisés : EN 50144-1: 1998, EN 50144-2-7: 2000, EN 55014-1: 2001, EN 55014-2: 2001, EN 61000-3-2: 2000, EN 61000-3-3: 2001

**NL CE Conformiteitsverklaring**

Wij verklaren dat dit product voldoet aan de volgende normen: 73/23/EWG, 89/336 EWG.

En normatieve documenten: EN 50144-1: 1998, EN 50144-2-7: 2000, EN 55014-1: 2001, EN 55014-2: 2001, EN 61000-3-2: 2000, EN 61000-3-3: 2001





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[www.wagner-group.com](http://www.wagner-group.com)

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 Wijzigingen voorbehouden.  
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 Ci riserviamo cambiamenti.  
 Ret til aendringer forbeholdt.  
 Salvo modificaciones.