

INSTRUCTIONS FOR USE (EN) VACUUM CLEANER FOR THE STANDARD OSCILLATING PLASTER SAW



Vacuum cleaner for the STANDARD oscillating plaster saw with optional accessories


RUDOLF Medical GmbH + Co KG
Zollerstrasse 1, 78567 Fridingen an der Donau,
Germany
Phone +49 7463 9956-0
sales@RUDOLF-med.com
www.RUDOLF-med.com

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 **PLEASE READ BEFORE USE AND KEEP IT IN A SAFE PLACE**

PRODUCT

These instructions for use refer to the RUDOLF Medical vacuum cleaners to be used with the RUDOLF Medical plaster saws "STANDARD". You are receiving a high-quality product, the proper handling and use of which is described below.

For professional use only: The instruments are intended for use by the professional users only (surgeons, operating room nurses, medical device reprocessing technicians).

 RUDOLF Medical vacuum cleaners for oscillating plaster saws are supplied non-sterile. The vacuum cleaner and accessories should be cleaned after each use.

INTENDED PURPOSE

The vacuum cleaner is intended to suck from the work area the dust that is produced by the plaster saw when the plaster is being removed.

Patient population: There are no restrictions concerning the patient population. It may be left to the discretion and experience of the medical professional to decide whether the benefit outweighs the risk in the given population.

WARNINGS & PRECAUTIONS

- Do not rivet or screw any labels or signs onto the device. This can damage the protective insulation. Adhesive labels are recommended.
- Only use damage-free plugs and cables. Check the cables and plugs regularly.
- The voltage specification of the vacuum cleaner must match the mains voltage and the voltage specification of the oscillating plaster saw.
- Only use original accessories.
- Wear personal protective equipment such as safety goggles, hearing protection and gloves.
- The appliance must not be operated in potentially explosive atmospheres.
- The filters must always be inserted during vacuuming.

PRIOR TO EACH USE: VISUAL AND FUNCTIONAL INSPECTION

Check for the following:

- External damage (e.g., defective cable, deformed plug, dents, cracks)
- Correct function
- Sealing ring for cracks and deformation

See also section "MAINTENANCE, CONTROL AND INSPECTION".

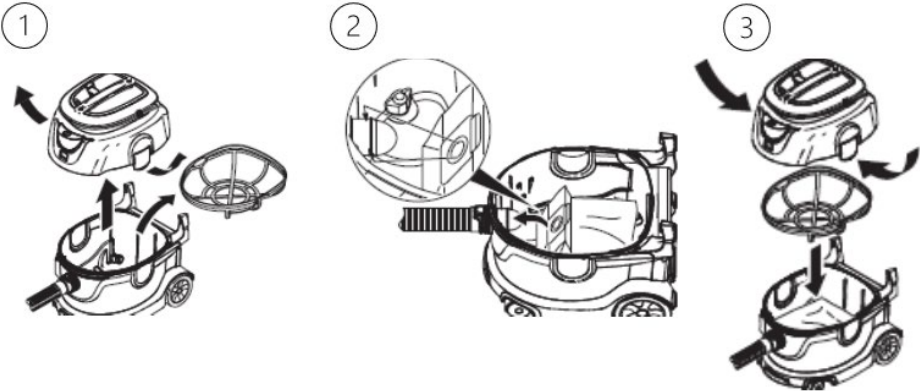
VACUUM CLEANER FOR THE OSCILLATING PLASTER SAW STANDARD

Scope of delivery:

RU 6220-60	Vacuum cleaner only for the STANDARD oscillating plaster saw, including: 1 Filter basket 1 Eco fleece filter 1 Fleece filter bag
D0661	Instructions for use (online)

INSERT FILTER BAGS

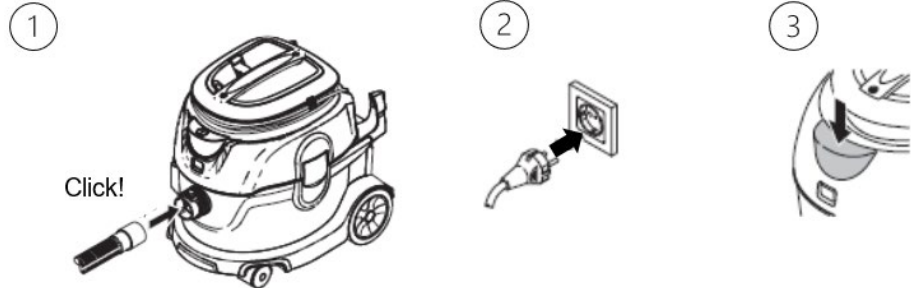
	Switch off the vacuum cleaner and disconnect the mains plug.
①	Unlock the suction head and remove it. Remove the filter basket.
②	Insert the filter bag.
③	Put on the filter basket.
	Place the suction head back on the vacuum cleaner base and lock it in place. You should hear the suction head click into place.



PUT INTO SERVICE

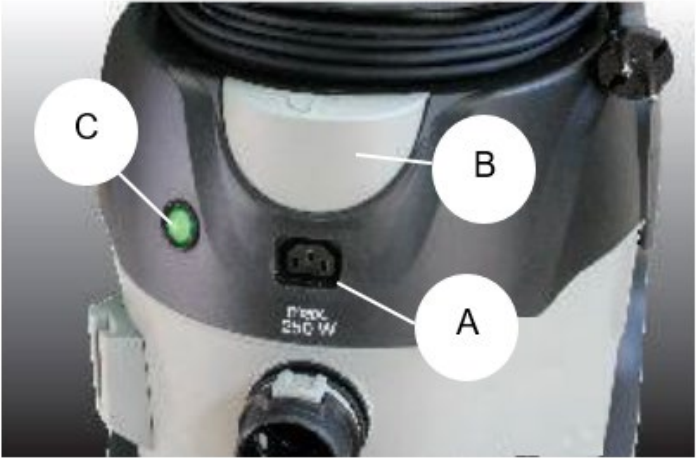
Put into service manually

①	Connect the suction hose, which must click audibly into place.
②	Insert the mains plug.
③	Switch the device on. The device is ready for operation.



Automatic on/off switching of the vacuum cleaner

- (A) Plug the mains plug of the oscillating plaster saw into the vacuum cleaner.
- (B) Switch on the vacuum cleaner.
- (C) The light illuminates and the vacuum cleaner turns on briefly for about 8 seconds for a check.
The vacuum cleaner is now in standby mode.



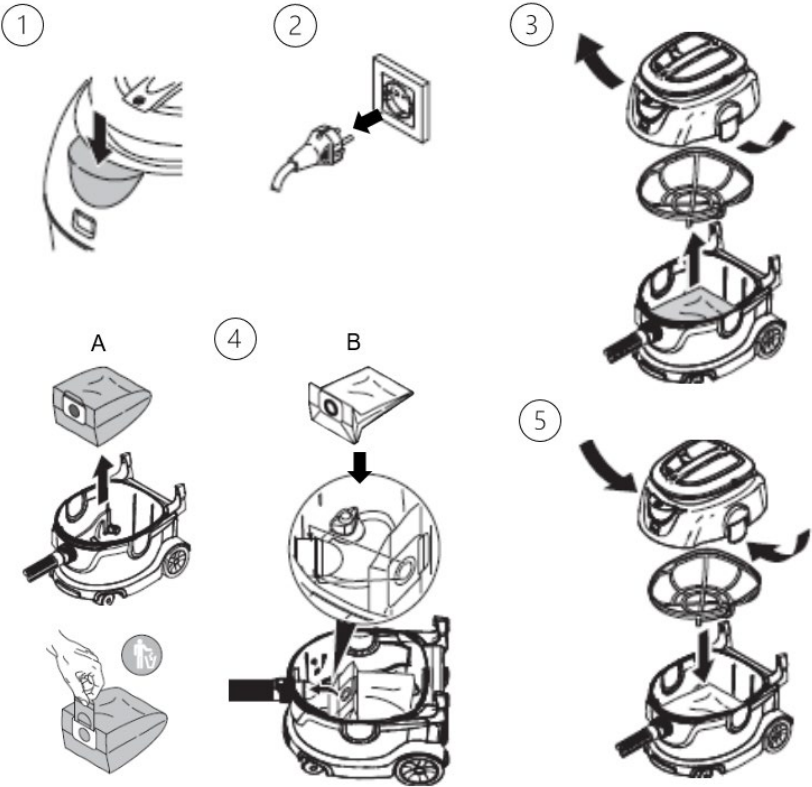
Notes:

- The vacuum cleaner is automatically switched on and off with the oscillating plaster saw in standby mode.
- If the vacuum cleaner is switched on again after less than 4 seconds after being switched off by the plaster saw, the aspiration system will continue to run continuously.
- The vacuum cleaner has an overtravel time of up to 8 seconds to ensure that the suction hose is completely emptied.

CHANGE FILTER BAG (REF RZ6220-14, RZ6220-63, RZ6220-64)



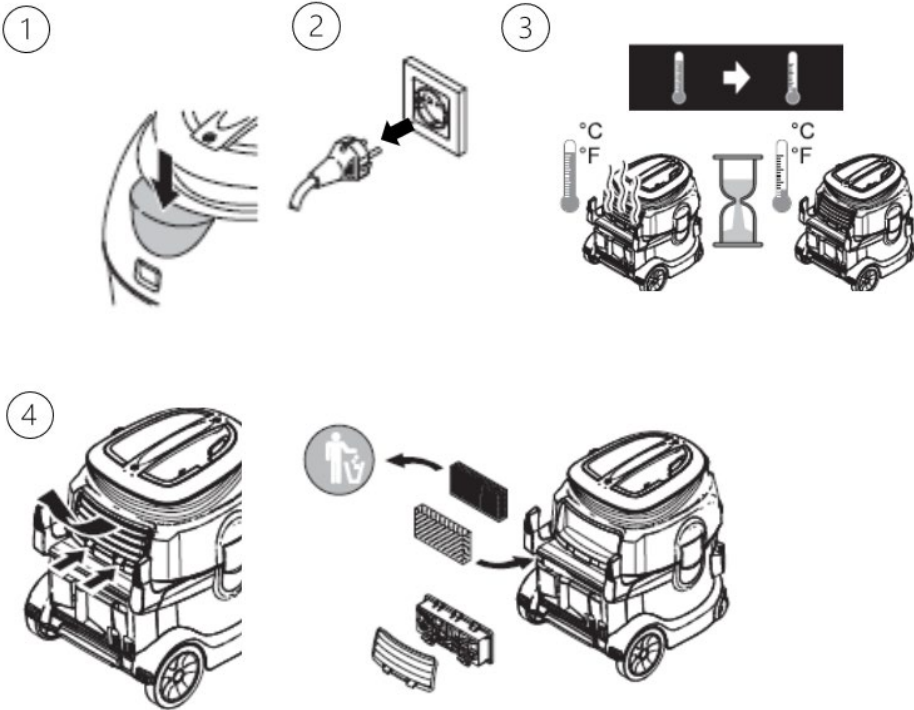
①	Switch off the vacuum cleaner.
②	Disconnect the mains plug.
③	Unlock the suction head and remove it. Remove the filter basket.
④	Change the filter bag. A = Remove filled filter bag B = Insert new filter bag
⑤	Put on the filter basket. Place the suction head back on the vacuum cleaner base and lock it in place. You should hear the suction head click into place.



CHANGE EXHAUST FILTER (fleece filter REF RZ6220-12, RZ6220-13)



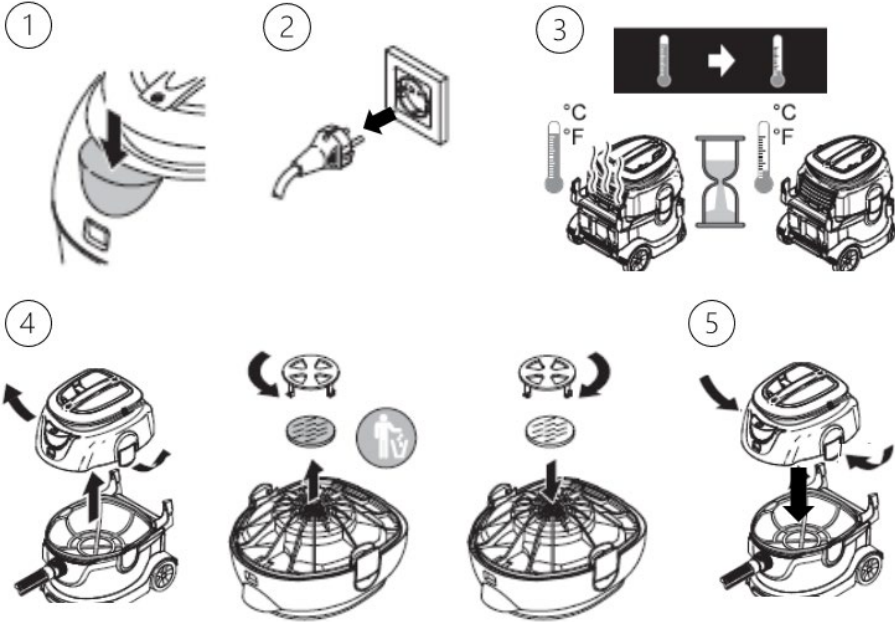
①	Switch off the vacuum cleaner.
②	Disconnect the mains plug.
③	Allow the vacuum cleaner to cool down for approx. 30 minutes, if it was previously in operation.
④	Open the filter cover. Change the exhaust air filter. Close the filter cover, which must click audibly into place.



CHANGE ENGINE GUARD FILTER (REF RZ6220-15)



①	Switch off the vacuum cleaner.
②	Disconnect the mains plug.
③	Allow the vacuum cleaner to cool down for approx. 30 minutes if it was previously in operation.
④	1. Unlock the suction head and remove it. a) Remove the engine guard filter from the suction head and dispose of it accordingly. b) Place the new engine guard filter on the suction head.
⑤	Put on the filter basket. Place the suction head back on the vacuum cleaner base and lock it in place. You should hear the suction head click into place.



NOTES REGARDING MALFUNCTIONS

Malfunction	Remedy
Suction turbine is not running.	– Check the cable, plug, fuse and socket. – Switch on the device.
Suction turbine switches off.	Empty the container the
Suction turbine does not restart after the container has been emptied.	Switch off the device and wait for 5 seconds; switch on again after 5 seconds.
Suction power decreases.	– Remove the blockage from dust removal unit, suction hose or filter. – Change the paper filter bag / fleece filter. – Snap the filter cover correctly into place – Change the engine guard filter. – Change the exhaust air filter.
Dust escaping when vacuuming	– Check the correct installation position of the filter. – Change the engine guard filter. – Change the exhaust air filter.

UPGRADE SET FOR THE OSCILLATING PLASTER SAW STANDARD

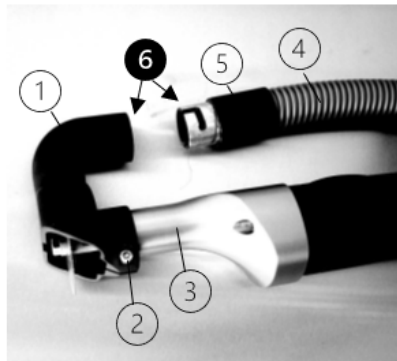
With the retrofit kit, a dust aspiration device is fitted to the STANDARD oscillating plaster saw and connected to the vacuum cleaner.

Scope of delivery:

RZ6220-61	Upgrade set for the STANDARD oscillating plaster saw, consisting of: 1 Vacuum cleaner (RU 6220-60) 1 hose, flexible (RZ6220-62) 1 dust removal unit (RZ6220-68) 1 hose holder (RZ6220-70) 1 adapter cable (RZ6220-73) 1 Torx wrench with T-handle (RZ6220-06) 1 Pin type socket wrench with T-handle, 11 mm (RZ6220-71) 1 Tube with special lubrication grease 2 Sealing rings (O-rings), for hose
D0661	Instructions for use (online)

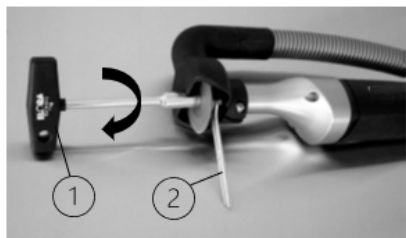
ASSEMBLY

 **Disconnect the mains plug of the plaster saw before assembly.**



Fitting the dust removal unit

1. Attach the dust removal unit (1) to the body of the plaster saw (3) and screw it tight with a torx screw (2).
2. Put the sealing ring (5) onto the hose (4).
3. Grease the bayonet lock on the outside and the connection of the dust removal unit on the inside (6).
4. Connect the dust removal unit (1) to the hose (4) and sealing ring (5) using the bayonet lock.



Fitting the saw blade

1. Put on the saw blade and tighten the screw lightly by hand.
2. Place the open-end wrench (2) on the shaft to lock it.
3. Use the pin type socket wrench (1) to tighten the screw securing the saw blade.



Always use both wrenches when changing the saw blade

- Pin type socket wrench (RZ6220-71) for tightening and
- Open-end wrench (RZ6220-02, delivered with the plaster saw) for countering the screw.

Fitting the hose holder

1. Secure the hose holder in the fixing groove of the vacuum cleaner.
2. Place the hose of the vacuum cleaner in the fork of the hose holder.

Fitting the adapter cable

1. Connect the mains cable of the plaster saw to the socket of the adapter cable.
2. Then insert the plug of the adapter cable into the socket on the vacuum cleaner.

UPGRADE SET FOR THE OSCILLATING PLASTER SAW STANDARD WITH OPTIONAL ACCESSORIES



The example illustration shows a complete configuration with optional accessories:

- (1) Vacuum cleaner
- (2) Hose
- (3) Hose holder
- (4) Shelf, magnetic placement for storing tools, optional
- (5) Dust removal unit
- (6) Suspension with handle, height-adjustable, for holding the plaster saw with mounted dust removal unit and for convenient pushing of the appliance, optional
- (7) Oscillating plaster saw STANDARD, optional
- (8) Socket for adapter cable
- (9) Adapter cable

CLEANING



Unplug the vacuum cleaner from the mains before cleaning.

- Remove heavy contamination immediately after use
- Clean the vacuum cleaner and its components after use. Use a soft, clean, lint-free cloth and a cleaning agent with a pH value between 9 and 10.
- Do not use metal brushes or abrasive cleaners.

MAINTENANCE, CONTROL AND INSPECTION



Unplug the vacuum cleaner from the mains before carrying out maintenance.

- Observe the safety checks in accordance with the locally applicable regulations for mobile, commercially used devices.
- Replace the engine guard filter every 3 months, otherwise it may lead to a loss of suction power or it may damage the suction turbine.
- Replace the exhaust air filter once a year.
- The bayonet lock between the dust removal unit and suction hose should be cleaned at regular intervals and re-greased with a special grease. It must always be lightly greased.
- The sealing ring should be checked for cracks and deformations at regular intervals. Never use the vacuum cleaner without the sealing ring.
- After cleaning, the vacuum cleaner must undergo a visual and functional inspection. The vacuum cleaner should be free of visible residues. Particular attention should be paid to the air slots and control elements. See also "PRIOR TO EACH USE: VISUAL AND FUNCTIONAL INSPECTION".
- Defective products must be cleaned before being returned for repair or complaint.

STORAGE

- Store the vacuum cleaner in a dry and clean environment at 5 – 40 °C.

DISPOSAL

- Recycle packaging, used appliances and accessories in an environmentally friendly manner. You can obtain further information from your specialist dealer.
- Products may only be disposed of properly after successful cleaning.
- When disposing of or recycling the product or its components, the national regulations must be observed.

REPAIRS & RETURNS

- Never carry out repairs yourself. Service and repairs may only be carried out by trained and qualified persons. Please contact RUDOLF Medical or your medical technology department if you have any questions in this regard.
- Defective products must be cleaned before being returned for repair or complaint.

PROBLEMS / EVENTS

- The user should report all problems with RUDOLF Medical products to the respective specialist dealer.
- In the event of serious incidents with the products, the user must report this to RUDOLF Medical as the manufacturer and to the competent authority of the member state in which the user is established.

WARRANTY

- We provide a warranty for RUDOLF Medical vacuum cleaners for oscillating plaster saws in accordance with the statutory and country-specific regulations (proof by invoice or delivery note). The warranty period is two years.
- In the event of material or production faults, we will repair the device free of charge. The warranty claim expires if you attempt to repair the device yourself.
- Damage caused by improper handling, overloading or normal wear and tear is excluded from the warranty. Please contact our customer service department.
- In the event of a warranty or repair claim, please include a copy of the invoice or delivery note along with the device.
- If the device is modified by unauthorized personnel, this declaration becomes invalid, and the warranty expires.

TECHNICAL DATA

Mains connection	220 - 240 Volt, 50/60 Hz
Nominal power consumption	1300 watts
Vacuum	244 mbar
Container contents	approx. 15 liters
Weight	8.0 kg
Air volume	61 L
Filter performance	99.97 % > 0.5 µm
Protection class	II
Protection rating (IP)	IP2X
Noise level (A-weighted)	59 dB (A)

ACCESSORIES / SPARE PARTS

Illustration	REF	Article description
	RZ6220-14	Fleece filter bag, pack of 5 pieces
	RZ6220-63	Paper filter bag, pack of 10 pieces
	RZ6220-64	Wet filter bag, pack of 5 pieces
	RZ6220-12	Eco fleece filter, pack of 3 pieces
	RZ6220-13	HEPA eco-fleece filter
	RZ6220-15	engine guard filter
	RU 6220-51-02	Filterbasket, for vacuum cleaner RU 6220-60
	RZ6220-62	Hose, flexible, 2 m
	RZ6220-70	Hose holder
	RZ6220-68	Dust removal unit

Illustration	REF	Article description
	RZ6220-73	Adapter cable for connecting plaster saw and vacuum cleaner
	RZ6220-71	Pin type socket with T-handle, 11 mm
	RZ6220-06	Torx wrench with T-handle
	RZ6220-02	Open-end wrench, 11 mm
	RZ6220-03	Retaining screw for saw blade for plaster saw RU 6220-20
	RZ6220-04	Fixation ring with grooves for plaster saw RU 6220-20
	RZ6220-11	Fixation ring with driving pins for plaster saw RU 6220-20
	RZ6220-69	Suspension with handle, height-adjustable for vacuum cleaner RU 6220-60, for holding the oscillating plaster saw RU 6220-20
	RZ6220-72	Magnetic placement for saw blades and tools (Attachment to suspension RZ6220-69)

SYMBOLS

	Consult instructions for use
	Batch number
	Article number
	No. per package
	Non-sterile
	Caution
	Manufacturer
	Date of manufacture
	CE mark according to Regulation (EU) 2017/745 for medical devices (MDR)
	WEEE marking
	Medical device