
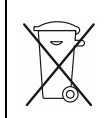
 Please read and comply with these original instructions prior to the initial operation of your appliance and store them for later use or subsequent owners.

- Before initial start-up it is definitely necessary to read the safety information no. 5.956-251.0!
- The non-compliance of the operating and safety instructions may lead to damages of the appliance and to dangers for the operator and other persons.
- In case of transport damage inform vendor immediately

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## Environmental protection

	The packaging material can be recycled. Please do not throw the packaging material into household waste; please send it for recycling.
	Old appliances contain valuable materials that can be recycled; these should be sent for recycling. Batteries, oil, and similar substances must not enter the environment. Please dispose of your old appliances using appropriate collection systems.

### Notes about the ingredients (REACH)

You will find current information about the ingredients at:

**[www.kaercher.com/REACH](http://www.kaercher.com/REACH)**

## Symbols in the operating instructions

### **Danger**

*Immediate danger that can cause severe injury or even death.*

### **Warning**

*Possible hazardous situation that could lead to severe injury or even death.*

### **Caution**

*Possible hazardous situation that could lead to mild injury to persons or damage to property.*

## Proper use

This device is intended for commercial use as a wet cleaning device for carpets as depicted in these operating instructions as well as in the descriptions and safety notes in the enclosed brochure "Safety indications for brush cleaning devices and spray extraction devices".

## Device elements

### Illustrations on Page 2

- 1 Casing
- 2 Carrying handle
- 3 Fresh water tank with sieve
- 4 Dirt water reservoir, removable
- 5 Cover
- 6 Switch for spraying
- 7 Switch for vacuuming
- 8 Spray/suction hose
- 9 Power cord
- 10 Suction pipe
- 11 Manual nozzle for upholstery cleaning (option)
- 12 Container for defoamer (Puzzi 200)
- 13 Storage container for detergent tabs (Puzzi 200)
- 14 Additional socket for professional PW 10
- 15 Floor nozzle for carpet cleaning
- 16 Handle
- 17 Bender

## Start up

- Place suction pipe over floor nozzle and tighten union joint on the floor nozzle fingertight (left thread).

### Caution

*While connecting make sure that the spray tubes meet in the suction pipe and the floor nozzle.*

- If needed, slide handle onto suction pipe and attach in the desired position using the enclosed hexagon socket wrench.
- Place the elbow over the suction pipe and tighten the union joint on the elbow fingertight.

### Caution

*While connecting make sure that the spray tubes meet in the suction pipe and the elbow.*

### Illustrations on Page 2

- Insert the suction hose into the suction hose connection on the appliance.  
Insert the coupling of the fresh water hose into the fresh water connection of the appliance and lock into place.

**see Figure 1**

- Connect the suction hose to bender of the manual nozzle.  
Connect the coupling of the fresh water hose to the bender and lock into place.

**see Figure 2**

*The manual nozzle for upholstery cleaning (not included) is attached directly to the suction hose without the use of an elbow.*

### Selecting the nozzle

Carpeting	Floor nozzle (230 mm)
Upholstery, wall rugs, automobile interior cleaning	Manual nozzle (110 mm) *
Stairs	Carpet nozzle *

\* not included in the delivery

## Operations

### Illustrations on Page 2

- Mix fresh water and detergent in a clean container (use the concentration recommended for the detergent).

**see Figure 3**

### ⚠ Warning

*Health risk, risk of damage. Observe all indications on the detergent used.*

**Note:** Warm water (max. 50°C) will increase the cleaning effect.

**Note:** For considerate treatment of the environment use detergent economically.

- Fill detergent solution into the fresh water reservoir. The fill level must not exceed the "MAX" mark.

**see Figure 4**

- Insert dirt water reservoir into the appliance and attach lid.
- Plug in the main plug.

- Press the suction switch to turn on the suction turbine.  
Press the spray switch to turn on the detergent pump.

**see Figure 5**

#### **⚠ Warning**

*Risk of damage. Check the object to be cleaned prior to using the appliance in an inconspicuous place for colour fastness and water resistance.*

- Use the lever on the bender to spray on detergent solution.  
Run across the surface to be cleaned in overlapping paths. Pull the nozzle backwards (do not push).

**see Figure 6**

- In case of work interruptions, the floor nozzle can be stored in the handle.

**see Figure 12**

#### **Empty the dirt water reservoir.**

- If the dirt water reservoir is full, switch off the suction and spray switches.
- Remove the lid.
- Remove the dirt water reservoir from the appliance and empty it.

**see figures 7 and 8**

### **Cleaning methods**

#### **Normal soiling**

- Spray and suction off detergent solution in one work cycle.

**Note:** Repeated suctioning without spraying will shorten the drying time.

#### **Strong soiling or stains**

- Apply detergent solution with suction turbine turned off and soak for 10 to 15 minutes.
- Clean the surface just like with normal soiling.
- In order to further improve the cleaning result, the surface can be recleaned using clear, warm water.

#### **Cleaning tips**

- Highly soiled spots should be pre-soaked and the detergent solution should soak 5 to 10 minutes.
- Always work from the light to the shade (from the window to the door).
- Always work from the cleaned to the uncleaned surface.
- The more sensitive the surface (oriental rugs, berbers, upholstery material) the lower the cleaning solution concentration should be.
- Rugs with jute backing can shrink if too much water is used and can bleed colours.
- Brush high-fiber rugs in the direction of the weave after cleaning (using a fiber brush or a scrubber).
- Water-proofing the fabric using Care Tex RM 762 after the wet cleaning prevents a quick resoiling of the textile surface.
- Do not step on cleaned surfaces until they have dried and do not place furniture on them to avoid pressure spots or rust stains.
- When cleaning previously shampooed carpets, foam will be generated in the dirt water reservoir. In such a case add Foam ex RM 761 to the dirt water reservoir.

#### **Detergent**

Carpet and upholstery cleaning	RM 760 powder
	RM 760 tabs
	RM 764 liquid
Defoaming	RM 760
Waterproofing carpets	RM 762
Mite removal	RM 765 Mitex

If you require further information please request the product information sheet and the DIN safety data sheet for the respective cleaning agent.

## Shutting down

### Empty the fresh water reservoir

- Switch off the spray and suction switches.
- Shortly activate the lever on bender to decrease the pressure.
- Separate bender from the spray/suction hose.
- Remove the lid.
- Insert the suction hose into the fresh water reservoir.  
**see Figure 9**
- Press the suction switch to turn on the suction turbine.
- Empty the fresh water reservoir and switch the appliance off.
- Remove the dirt water reservoir from the appliance and empty it.

### Cleaning the device

- Connect the bender (with suction pipe and nozzle) to the suction hose.
- Connect the coupling of the fresh water hose to the bender and lock into place.
- Fill approx. 2 litres of fresh water into the fresh water reservoir.  
**Do not add any detergents.**
- Place nozzle into the dirt water reservoir.
- Press the spray switch to turn on the detergent pump.  
**see Figure 10**
- Activate lever on bender and flush the appliance for appr. 1 to 2 minutes.
- Turn off the appliance.
- Disconnect the mains plug from the socket.
- Remove the dirt water reservoir from the appliance and empty it.
- Clean the external surfaces of the appliance.

## Transport

### Caution

*Risk of injury and damage! Observe the weight of the appliance when you transport it.*

- For transport, place suction pipe on the carrying handle and attach spray/suction hose to hook.
- When transporting in vehicles, secure the appliance according to the guidelines from slipping and tipping over.

## Storage

### Caution

*Risk of injury and damage! Note the weight of the appliance in case of storage.*

This appliance must only be stored in interior rooms.

## Maintenance and care

### ⚠ Danger

*Danger of injury by electric shock.*

*First pull out the plug from the mains before carrying out any tasks on the machine.*

- Check high power cable, extension cables and hoses for damage every time before use.
- Remove all water from the appliance prior to longer periods of non-use to avoid offensive odours.
- Clean the sieve in the fresh water reservoir and the lint trap next to the dirt water reservoir regularly.  
**see Figure 11**

## Troubleshooting

### ⚠ Danger

- *Danger of injury by electric shock.*  
*First pull out the plug from the mains before carrying out any tasks on the machine.*
- *Get the electrical components checked and repaired only by authorised customer service persons.*
- *Contact an authorised customer service person in case of problems not mentioned in this chapter or if you are in doubt or when you have been explicitly asked to do so.*

#### No water exiting from nozzle

- Fill up fresh water reservoir.
- Check couplings on the fresh water hose for proper connection.
- Detach nozzle attachment and remove, clean or replace nozzle.
- Clean the sieve in the fresh water reservoir.
- Detergent pump defective, contact Customer Service.

#### Spray stream one-sided

- Clean nozzle mouthpiece.

#### Insufficient vacuum performance

- Check the correct positioning of the lid.
- Clean seal on lid and surface on the appliance.
- Clean the fluff filter.
- Check suction hose for blockages; clean if required.

#### Detergent pump noisy

- Fill up fresh water reservoir.

#### Accessories and Spare Parts

- Only use accessories and spare parts which have been approved by the manufacturer. The exclusive use of original accessories and original spare parts ensures that the appliance can be operated safely and trouble free.
- At the end of the operating instructions you will find a selected list of spare parts that are often required.
- For additional information about spare parts, please go to the Service section at [www.kaercher.com](http://www.kaercher.com).

#### Warranty

The warranty terms published by the relevant sales company are applicable in each country. We will repair potential failures of your appliance within the warranty period free of charge, provided that such failure is caused by faulty material or defects in manufacturing. In the event of a warranty claim

please contact your dealer or the nearest authorized Customer Service centre.

Please submit the proof of purchase.

#### EC Declaration of Conformity

We hereby declare that the machine described below complies with the relevant basic safety and health requirements of the EU Directives, both in its basic design and construction as well as in the version put into circulation by us. This declaration shall cease to be valid if the machine is modified without our prior approval.

**Product:** Spray extraction device

**Type:** 1.100-xxx

**Type:** 1.193-xxx

#### Relevant EU Directives

2006/42/EC (+2009/127/EC)

2004/108/EC

#### Applied harmonized standards

EN 55014–1: 2006+A1: 2009+A2: 2011

EN 55014–2: 1997+A1: 2001+A2: 2008

EN 60335–1

EN 60335–2–68

EN 61000–3–2: 2006+A1: 2009+A2: 2009

EN 61000–3–3: 2008


EN 62233: 2008

#### Applied national standards

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The undersigned act on behalf and under the power of attorney of the company management.

  
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## Technical specifications

		Puzzi 100	Puzzi 200
Mains voltage	V	230	230
	V	AU: 240	AU: 240
Frequency	Hz	50/60	50/60
Type of protection	--	IPX4	IPX4
Protective class		II	II
Blower motor performance (max)	W	1250	1250
Nominal performance of blower motor	W	1100	1100
Power (tot.)	W	--	1350
Air volume (max.)	l/s	54	54
Negative pressure (max.)	kPa (mbar)	22 (220)	22 (220)
Spray pump performance	W	40	80
Spray pressure	MPa	0,1	0,2
Spray pressure (max.)	MPa	0,3	0,3
Spray volume	l/min	1	2
Temperature of the cleaning solution (max.)	°C	50	50
Container capacity	l	14	14
Filling quantity of fresh water	l	10	10
Fill volume wastewater	l	9	9
Appliance socket performance (max)	W	250	250
Length x width x height	mm	665 x 320 x 435	665 x 320 x 435
Typical operating weight	kg	10,2	12,0
Max. ambient temperature	°C	+40	+40
<b>Values determined to EN 60335-2-68</b>			
Sound pressure level $L_{pA}$	dB(A)	68	68
Uncertainty $K_{pA}$	dB(A)	1	1
Hand-arm vibration value	m/s <sup>2</sup>	<2,5	<2,5
Uncertainty K	m/s <sup>2</sup>	0,2	0,2

<b>Power cord</b>	H05VV-F 2x1,0 mm <sup>2</sup>	
	Part no.:	Cable length
EU	6.647-860.0	7,5 m
GB	6.647-993.0	7,5 m
CH	6.647-991.0	7,5 m
AU	6.647-992.0	7,5 m