

# RAC

## 1300W Pressure Washer

RACHP133



Waste electrical products should not be disposed of with household waste.  
Please recycle where facilities exist.



Check with your local authority or retailer for recycling advice.

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## 1. Technical data

Rated voltage:	240V ac
Frequency:	50Hz
Rated input power:	1300W
Protection class:	II
Degree of protection:	IPX5
Rated pressure:	7MPa
Max. pressure:	10MPa
Rated flow:	5.5 l/min
Rated temperature:	0-40°C
Max. inlet pressure:	0.7MPa
Sound pressure level :	LpA=75 dB(A)
Sound power level:	LwA=90 dB (A)
Vibration r.m.s. acceleration:	ah=1.2 m/s <sup>2</sup>

## 2. Safety Precautions and Warnings

This appliance is not intended for use by children or other persons without assistance or supervision if their physical, sensory or mental capabilities prevent them from using it safely. Children should be supervised to ensure that they do not play with the appliance.

Before starting up your machine please check it carefully for any defects. If you find any, do not start up your machine and contact your distributor.

*Especially check:*

- The insulation of the power cord should be faultless and without any cracks. If the power cord is damaged, an authorized distributor should replace it.

### **WARNING!**

**Warning: Do not use this appliance without reading this instruction Booklet.**

- The Electric supply to this appliance should include either a residual current device that will interrupt the supply if the leakage current to earth exceeds 30 mA for 30 ms or a device that will interrupt the earth circuit.
- **WARNING:** High pressure jets can be dangerous if subject to misuse. The jet must not be directed at persons, live electrical equipment or the appliance itself.
- Do not direct the jet against yourself or others in order to clean clothes or foot-wear.
- Disconnect from the electrical power supply before carrying out user maintenance.
- High pressure cleaners shall not be used by children or untrained personnel.
- To ensure appliance safety, use only original spare parts from the manufacturer or approved by the manufacturer.

- **WARNING:** High pressure hoses, fittings and couplings are important for safety of the appliance. Use only hoses, fittings and couplings recommended by the manufacturer.
- Do not use the appliance if a supply cord or important parts of the appliance are damaged, e.g. safety devices, high pressure hoses, trigger gun.
- If an extension cord is used, the plug and socket must be of watertight construction.
- **WARNING:** Inadequate extension cords can be dangerous.
- This high pressure washer must not be used at temperatures below 0°C.
- **WARNING:** Appropriate ear protection is suggested to be used during operation.

**WARNING!**

Extension cables should always be completely unwound to prevent the cord from overheating. If an extension cord is used, the plug and the socket must be waterproof and comply with the below-mentioned requirements for length and cord dimensions.

1.0 mm <sup>2</sup>	max. 12.5 m
1.5 mm <sup>2</sup>	max. 20 m
2.5 mm <sup>2</sup>	max. 30 m

Power cord connections should be kept dry and off the ground.

- If the power cord is damaged, it must be replaced by qualified person in order to avoid a hazard.

**Mains power connection**

- It is recommended that the electric supply to this appliance should include either a residual current device that will interrupt the supply if the leakage current to earth exceeds 30 mA for 30 ms.

**Water connection**

- Connection to the public mains according to regulations.
- Inlet hose can be connected to the water mains with a max. inlet pressure of 0.7MPa.

**Safety devices**

- The unloader valve can reduce pressure if it exceeds pre-set values. The spray gun features a locking device. When the pawl is activated, the spray gun cannot be operated.

*Thermal sensor:*

A thermal sensor protects the motor against overloading. The machine will restart after a few minutes when the thermal sensor has cooled.

### 3. Description

#### 3.1 Application

This high-pressure washer has been developed for domestic use only:

- Car, motorbike, boat, caravan, trailer, patio/drive/flagstones, woodwork, brickwork, barbecue, garden furniture, lawn mower.

Only use the high-pressure washer for purposes described in this manual.

The safety precautions must be observed to prevent damage to the machine, the surface to be cleaned or severe personal injuries.

#### 3.2 Operation elements and model survey



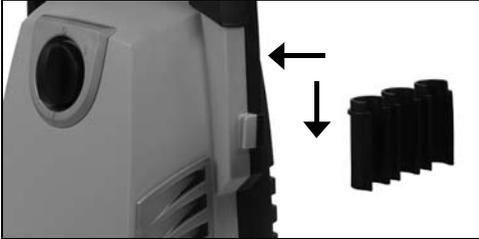
1. Start/stop switch	7. Wheel
2. High pressure connection	8. Spray lance
3. Power cord	9. Holder for spray gun and lance
4. High pressure hose	10. Spray gun with lock (10a)
5. Nozzle cleaning tool	11. Foam sprayer
6. Water inlet with filter (6a)	12. Hook for power cord

We reserve the right to alter the specifications.

## 4. Before you start using your pressure washer

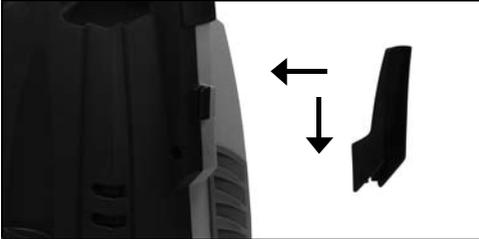
### 4.1 Mounting of Spray gun holder

4.1.1. Press the spray gun and lance holder (9) on to the machine.



### 4.2 Mounting of holder for power cord

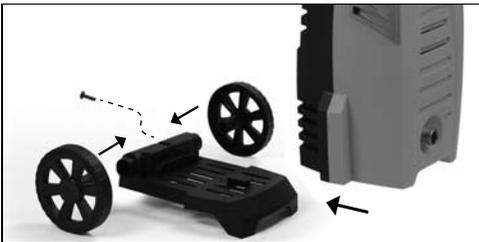
4.2.1. Press the holder for power cord (3) on to the machine.



### 4.3 Mounting of wheels

4.3.1. Mount the wheels bracket by pressing it into the guide at the bottom of the machine and mounting the screw.

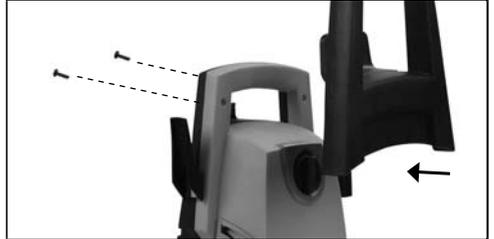
4.3.2. Mount the wheels by pressing them into the bracket.



### 4.4 Mounting of trolley handle (models with trolley handle)

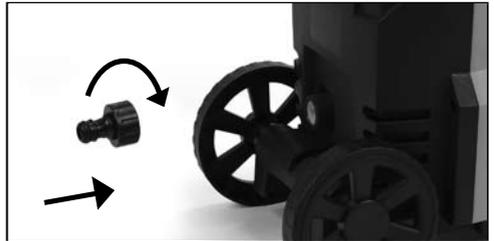
4.4.1. Place the trolley handle on the machine.

4.4.2. Secure the handle by mounting the 2 screws.



### 4.5 Mounting of quick coupling

4.5.1. Screw the quick coupling tight on to the water inlet (6).



**Note:** The inlet filter (6a) must always be fitted in the water inlet pipe to filter out sand, limestone and other impurities as these will damage the pump valves.



**Caution:** Failure to fit the filter will invalidate the guarantee.

## 5. Operating your pressure washer

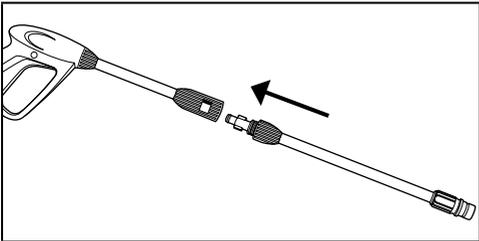
### 5.1 Connection of high pressure hose

5.1.1. Mount the high pressure hose on the outlet.

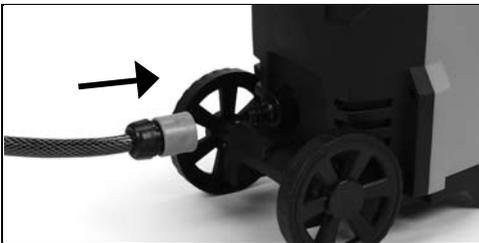


### 5.2 Mounting of spray lance, nozzles and foam sprayer

5.2.1. Push the spray lance (8) into the spray gun (10) and screw it on.



**5.3 Water connection** An ordinary 1/2" garden hose of **min. 5 m** and **max. 25 m** will be suitable.



 **NOTE:** Connection to the public mains according to regulations.

5.3.1. Let the water run through the water hose before connecting it to the machine to prevent sand and dirt from penetrating the machine.

**Note:** Check that the filter is fitted in the water inlet pipe and that it is not clogged up.

5.3.2. Connect the water hose to the water supply by means of the quick connector (inlet water, max. pressure: 0.7MPa, max. temperature: 40°C).

5.3.3. Turn on the water.

### 5.4 Start and stop of the machine

The spray lance is affected by a thrust during operation

- therefore always hold it firmly with both hands.

**IMPORTANT:** Point the nozzle at the ground.

I. Check that the machine is in horizontal position.

**NOTE:** Do not place the machine in high grass!

II. Release the trigger lock.

III. Activate the trigger of the spray gun and let the water run until all air has escaped from the water hose.

IV. Press the Start/stop switch "I" .

V. Activate the trigger of the spray gun.

Always adjust the distance and thus the pressure of the nozzle to the surface, which is to be cleaned.

Do not cover the machine during operation or use it in a room without adequate ventilation!

 **Note:** If the machine is left or not used for 5 minutes, it must be switched off on the start/stop switch "O" :

I. Press the start/stop switch "O".

II. Disconnect the electrical plug from the socket.

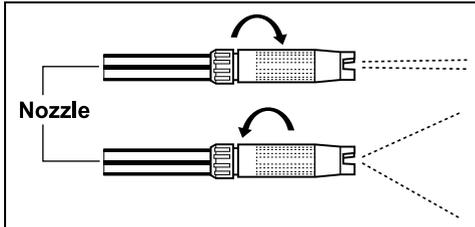
III. Shut off the water supply and activate the trigger to relieve the machine of pressure.

IV. Lock the spray gun.

When releasing the trigger of the spray gun, the machine automatically stops. The machine will start again when you reactivate the spray gun.

## 5.5 Regulation of spray picture of Multispeed nozzle

The spray picture can be regulated on the Multispeed nozzle.



## 6. After using your pressure washer

**6.1 Storing the washer**  
The machine should be stored in a frost-free room!



Pump, hose and accessories should always be emptied of water prior to storing as follows:

- 6.1.1. Stop the machine (press the start/stop switch "O" and detach water hose and accessory).
- 6.1.2. Restart the machine and activate the trigger. Let the machine run until no more water runs through the spray gun.
- 6.1.3. Stop the machine, unplug and wind up hose and power cord.
- 6.1.4. Place spray handle, nozzles and other accessories in the holders of the machine.

Should the machine by mistake be frozen, it will be necessary to check it for damage.

**NEVER START-UP A FROZEN MACHINE.**  
Frost damages is not covered by the guarantee!

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Frost damages is not covered by the guarantee!

## 6.2 Winding up of power cord and high pressure hose

To avoid accidents, the power cord and the high pressure hose should always be wound carefully up around the handle. Wind up the power cord on the appropriate hook.

## 6.3 Storage of accessories

The lance and the nozzles can be stored on the pressure washer.

## 7. Maintenance



**WARNING!** Always disconnect the electrical plug from the socket prior to maintenance or cleaning. To ensure a long and problem free working life, please take the following advice:

- Wash out water hose, high pressure hose, spray lance and accessories before mounting.
- Clean the connectors of dust and sand.
- Rinse the detergent spraying attachment after use.
- Clean the nozzles.

Any repair should always be made by a qualified person.

## 7.1 Cleaning of water inlet filter

Clean the water inlet filter regularly once a month or more frequently according to use. Carefully loosen the filter with a screwdriver and clean it. Check that it is intact before re-mounting it.

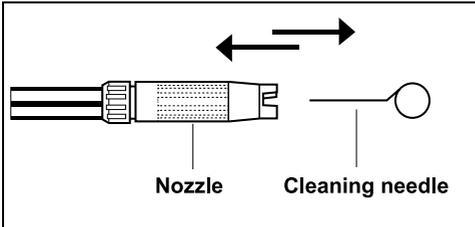
The inlet filter must always be fitted inside the water inlet pipe to filter out sand, limestone and other impurities, as they will damage the pump valves.

**CAUTION:** Failure to fit the filter will invalidate the guarantee.

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## 7.2 Cleaning of nozzle

A clogging up in the nozzle causes a pump pressure which is too high. This is why cleaning is required immediately.



7.2.1. Stop the machine and disconnect the nozzle.

7.2.2. Clean the nozzle.

### **IMPORTANT:**

The cleaning tool (5) should only be used when the nozzle is detached!

7.2.3. Flush the nozzle backwards with water.

## 7.3 Cleaning of machine vents

The machine should be kept clean so as to let cooling air pass freely through the machine vents.

## 7.4 Greasing of couplings

To ensure an easy connection and that o-rings do not dry up. The couplings should be greased regularly.

## 8. Trouble-shooting

To avoid unnecessary disappointments, you should check the following before contacting the service organization:

Symptom	Cause	Recommended action
<b>Machine refuses to start</b>	Machine not plugged in Defective socket Fuse has blown Defective extension cord	Plug in machine Try another socket. Replace fuse. Switch off other machines. Try without the extension cord.
<b>Fluctuating pressure</b>	Pump sucking air Valves dirty, worn out or stuck Pump seals worn out	Check that hoses and connections are airtight. Clean and replace or refer to local distributor Clean and replace or refer to local distributor
<b>Machine stops</b>	Fuse has blown Incorrect mains voltage  Thermal sensor activated Nozzle partially blocked	Replace fuse. Switch off other machines. Check that the mains voltage corresponds to specification on the model tag. Leave the washer for 5 minutes to cool down. Clean the nozzle
<b>Fuse blows</b>	Fuse too small	Change to an installation higher than the amp. consumption of the machine. You may try without the extension cord.
<b>Machine pulsating</b>	Air in inlet hose  Inadequate supply of mains water  Nozzle partially blocked Water filter blocked Hose kinked	Allow machine to run with open trigger until regular working pressure resumes. Check that the water supply corresponds to specifications required <b>NB!</b> Avoid using long, thin hoses (min. 1/2") Clean the nozzle Clean the filter Straighten out hose.
<b>Machine often starts and stops by itself</b>	Pump/spray gun is leaking Centre.	Contact your nearest Service Centre.
<b>Machine starts, but no water comes out</b>	Pump/hoses or accessory frozen No water supply Water filter blocked Nozzle blocked	Wait for pump/hoses or accessory to thaw.  Connect inlet water. Clean the filter Clean the nozzle

In case problems other than the above occur, please contact your local distributor.

## WARNING SYMBOLS

The following warning symbols are to remind you of safety precautions you should take when using this pressure washer

	<p><b>WARNING:</b> Do not direct the water jet towards other people, animals, the washer itself, its electrical parts, or other electrical equipment.</p>
	<p><b>WARNING</b></p>



Before starting up your high pressure washer for the first time, this instruction manual must be read through carefully. Save the instructions for later use.



Safety instructions marked with this symbol must be observed to prevent danger to persons.



This symbol is used to mark safety instructions that must be observed to prevent damage to the machine and its performance.



This symbol indicates tips and instructions to simplify work and to ensure a safe operation.

*If faults cannot be remedied, contact the **Helpline** on **020 8391 6767***

**[Helpline@hilka.co.uk](mailto:Helpline@hilka.co.uk)**

### GUARANTEE

This product is guaranteed for domestic use for a period of 12 months against faulty manufacture or materials. This guarantee does not affect the statutory rights of the consumer. In the event of any problem occurring please contact our Helpline at the number above for advice. This product is not guaranteed for **HIRE** purposes.

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