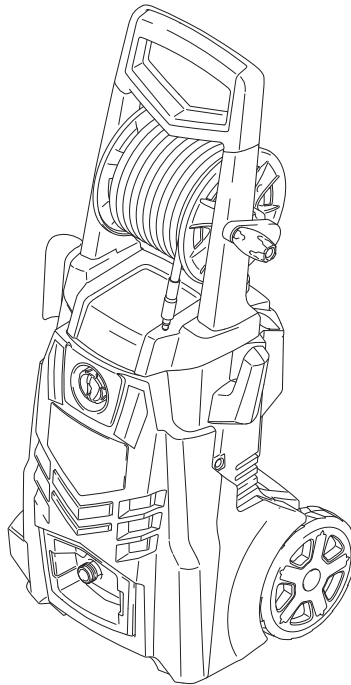




# 2100W High pressure cleaner



## MPWP2100-2

EAN: 3663602939702

**WARNING: Read the instructions before using the high pressure cleaner**



BX220IM

ORIGINAL INSTRUCTIONS- MNL\_V13\_25/08/2020-HK

# Let's get started...

These instructions are for your safety. Please read through them thoroughly before use and retain them for future reference.



## Getting Started...

Safety information  
Your product  
Before you start

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## In more detail...

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Operation  
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## Safety warnings



**IMPORTANT:** Retain this information for future reference, read carefully.

Machines shall not be used by children. Children should be supervised to ensure that they do not play with the machine.

This machine can be used by people with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the machine in a safe way and understand the hazards involved.

### High pressure cleaner safety warnings

- WARNING:** If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a safety hazard.
- WARNING:** This product has been designed for use with the cleaning agent supplied or recommended by the manufacturer. The use of other cleaning agents or chemicals may adversely affect the safety of the product.
- WARNING:** High pressure jets can be dangerous if subject to misuse. The jet must not be directed at persons, live electrical equipment or the product itself.
- WARNING:** Do not use the product within range of persons unless they wear protective clothing.
- WARNING:** Do not direct the jet against yourself or others in order to clean clothes or foot-wear.
- WARNING:** Risk of explosion – Do not spray flammable liquids.

## Safety information

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7. **WARNING:** This product shall not be used by children or untrained personnel.
8. **WARNING:** High pressure hoses, fittings and couplings are important for the safety of the product. Use only hoses, fittings and couplings recommended by the manufacturer.
9. **WARNING:** To ensure product safety, use only original spare parts from the manufacturer or approved by the manufacturer.
10. **WARNING:** Water that has flown through backflow preventers is considered to be non-potable.
11. **WARNING:** Disconnect the product from its power source by removing the plug from the socket-outlet during cleaning or maintenance and when replacing parts or converting the product to another function.
12. **WARNING:** Do not use the product if a supply cord or important parts of the product are damaged, e.g. safety devices, high pressure hoses, trigger gun.
13. **WARNING:** If an extension cord is used, the plug and socket must be of watertight construction.
14. **WARNING:** Inadequate extension cords can be dangerous. If an extension cord is used, it shall be suitable for outdoor use, and the connection has to be kept dry and off the ground. It is recommended that this is accomplished by means of a cord reel which keeps the socket at least 60 mm above the ground.
15. **WARNING:** The electric supply connection shall be made by a qualified electrician and comply with IEC 60364-1. It is recommended that the electric supply to this product 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 prove the earth circuit.

## Safety information

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16. **WARNING:** Never use the product with inflammable or toxic liquids, or liquids with characteristics incompatible with its proper operation.
17. **WARNING:** Never use the product outdoors in the rain.
18. **WARNING:** Never allow the product to be used by children or those incapable of operating it correctly.
19. **WARNING:** Never touch the plug and/or socket with wet hands.
20. **WARNING:** Never use the product if the high pressure hose is damaged.
21. **WARNING:** Never lock the gun trigger in the operating position.
22. **WARNING:** Check that the product is fitted with its data plate; contact your dealer if it is missing. Products without data plate must not be used, since they cannot be identified and are potentially hazardous.
23. **WARNING:** Never tamper with or adjust the setting of the safety valve or the safety devices.
24. **WARNING:** Never change the original diameter of the nozzles provided with the product.
25. **WARNING:** Never leave the product unattended when it's connected to the power supply. Always switch off the mains disconnecting switch when leaving the machine unattended.
26. **WARNING:** Never move the product by pulling on the electrical power lead.
27. **WARNING:** Do not allow vehicles to drive over the pressure hose.

## Safety information

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28. **WARNING:** Do not move the product by pulling on the pressure hose.
29. **WARNING:** When directed towards tyres, tyre valves or other pressurised components, the high pressure jet is potentially dangerous. Do not use the rotating nozzle kit, and always keep the jet at a distance of at least 30 cm during cleaning.
30. **WARNING:** Protected all electrical conductors against the water jet.
31. **WARNING:** During start-up, the product may generate interference on the electricity supply system.
32. **WARNING:** Use only authorised electrical extension cords with suitable conductor gauge.
33. **WARNING:** High pressure may cause parts to rebound: wear all the protective clothing and equipment needed to ensure the operator's safety.
34. **WARNING:** Be aware of kick-back: grip the gun firmly when pulling the trigger.
35. **WARNING:** Comply with the regulations of the local water supply authority. Under EN 12729 (Type BA) the product can be connected directly to the mains drinking water supply only if the supply hose is fitted with a backflow preventer device with drainage facility. Make sure that the hose is at least a diameter of 12.7 mm(1/2") and is reinforced!
36. **WARNING:** Maintenance and/or repair work on electrical components must be carried out by qualified staff.
37. **WARNING:** Discharge residual pressure before disconnecting the hose from the product.

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## Safety information

38. **WARNING:** Check before each use, and at regular intervals, that all metal fasteners are tight and the product's components are in good condition; inspect for broken or worn parts.
39. **WARNING:** Use only detergents compatible with the high pressure hose / electrical power cord cladding materials.
40. **WARNING:** Avoid skin contact with detergents, in particular contact with eyes! If detergent gets in your eyes flush your eyes with clean water and seek immediate medical attention!
41. **WARNING:** Never transport the product at vertical position to prevent user injury.
42. Please wear appropriate personnel protection equipment (PPE) while operating the equipment, e.g. safety boots, safety gloves, safety helmets with visors, hearing protection etc.

### Vibration and noise reduction

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment. Take the following points into account to minimize the vibration and noise exposure risks:

- Only use the product as intended by its design and these instructions.
- Ensure that the product is in good condition and well maintained.
- Use correct application tools for the product and ensure they in good condition.
- Keep tight grip on the handles/grip surface.
- Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
- Plan your work schedule to spread any high vibration tool use across a number of days.

## Safety information

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### Emergency

**Familiarise yourself with the use of this product by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.**

1. **Always be alert when using this product, so that you can recognise and handle risks early.** Fast intervention can prevent serious injury and damage to property.
2. **Switch off and disconnect from the power supply if there is any malfunction.** Have the product checked by a qualified specialist and repaired, if necessary, before you put it into operation again.

### Residual risks

**Even if you are operating this product in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this product:**

1. Health defects resulting from vibration emission if the product is being used over long periods of time or not adequately managed and properly maintained.
2. Injuries and damage to property due to broken application tools or the sudden impact of hidden objects during use.
3. Danger of injury and property damage caused by flying objects.

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## Safety information



**WARNING!** This product produces an electromagnetic field during operation! This field may under some circumstances interfere with active or passive medical implants! To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their doctor and the medical implant manufacturer before operating this product!



**WARNING!** Depending on the actual use of the product the vibration values can differ from the declared total! Adopt proper measures to protect yourself against vibration exposures. Take the whole work process including times the product is running under no load or switched off into consideration.

Proper measures include among others regular maintenance and care of the product and application tools, keeping hands warm, periodical breaks and proper planning of work processes.



**WARNING!** Due to the power input of this product on start up, voltage drops may occur and this can influence other equipment (e.g. dimming lights). So for technical reasons we advise, if the mains-impedance is  $Z_{max} < 0.08 \text{ Ohm}$ , these disturbances are not expected. If you require further clarification, you may contact your local power supply authority.

## Safety information

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### Symbols

On the product, the rating label and within these instructions you will find among others the following symbols and abbreviations. Familiarise yourself with them to reduce hazards like personal injuries and damage to property.

V~	Volt, (alternating voltage)	W	Watt
kW	Kilowatt	Hz	Hertz
A	Ampere	cm <sup>3</sup>	Cubic centimetre
mm	Millimetre	l/min	Liter per minute
dB(A)	Decibel (A-rated)	kg	Kilogram
MPa	Mega Pascal, pressure unit	m/s <sup>2</sup>	Metre per second squared
bar	Pressure unit	m	Metre
°C	Degree Celsius	Ø	Diameter
N	Newton		

IPX5 The product is protected against water (out of a nozzle) from all directions.

yyWxx Manufacturing date code; year of manufacturing (20yy) and week of manufacturing (Wxx).

	Caution/Warning		Wear hearing protection.
	Note/Remark		Wear eye protection.
	Read the instruction manual.		Wear respiratory protection.
	Moving mechanisms - do not touch when working.		Wear protective gloves.
			Wear safety footwear.

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## Safety information



Switch the product off and disconnect it from the power supply before assembly, cleaning, adjustments, maintenance, storage and transportation.

0

Switch "off" position

I

Switch "on" position



Always ensure that other people and pets remain at a safe distance from the product when it is in operation. In general, children must not come near the area where the product is.



Do not use in rain or wet conditions.



Prohibition sign, instructs every user that local regulations can prohibit connection of the product to drinking water supply equipment.



Guaranteed sound power level value in dB.



Warning sign reminding the user not to direct the water jet onto people, animals, electrical equipment or onto the product itself.



The product complies with the applicable European directives and an evaluation method of conformity for these directives was done.



WEEE symbol. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

p rated: Rated pressure

p max: Allowable pressure

Q<sub>rated</sub>: Rated flow

Q<sub>Max</sub>: Max flow

p IN Max: Max inlet water pressure

MPWP2100-2

Designation of the tool (**M** - MACALLISTER, **PW** - High pressure cleaner, **P** - Power)

## Your product

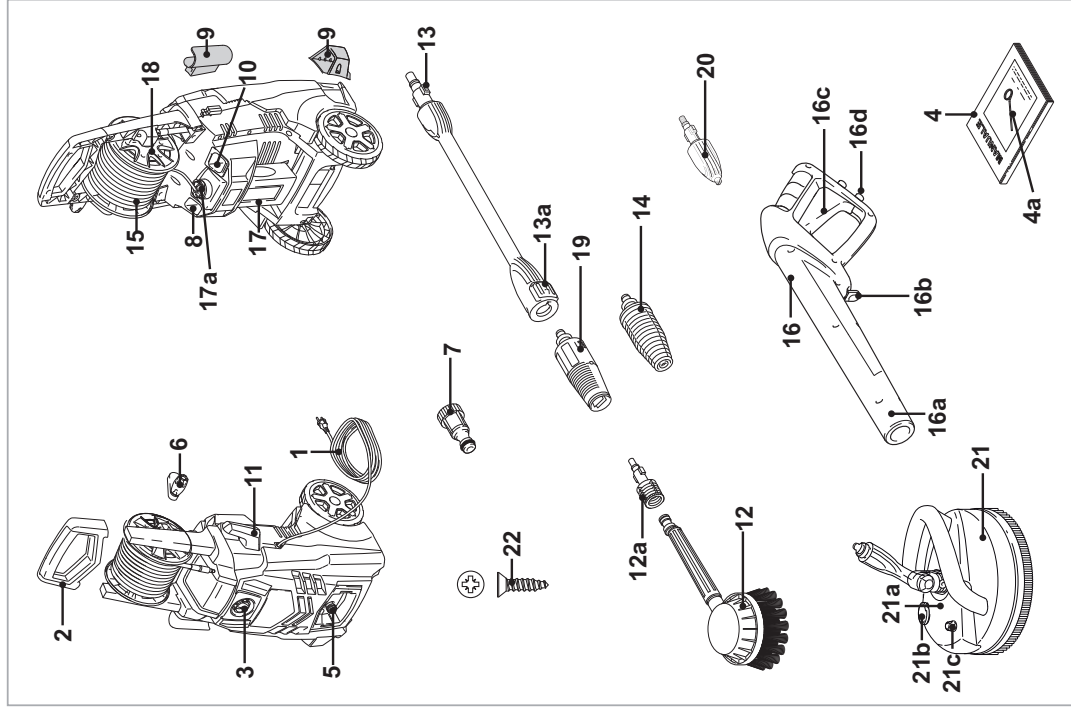
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## Your product

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## Your product

1. Power cord with plug
2. Handle
3. On-Off switch
4. Instruction Manual
  - a. Cleaning needle
5. Water inlet
6. Hose reel crank
7. Water inlet hose connector
8. Accessories storage compartment (Rotary brush)
9. Accessories storage compartment (Spray gun & extension lance)
10. Accessories storage compartment (Vario & rotary nozzles)
11. Power cord storage
12. Rotary brush
  - a. Adaptor for spray gun
  - b. Adaptor for extension lance
13. Extension lance
  - a. Unlock button
14. Rotary nozzle
15. High pressure hose
16. Spray gun
  - a. Connection port
  - b. Latch
  - c. Trigger
  - d. Trigger locking button
17. Detergent tank
  - a. Detergent tank cap
18. Hose reel
19. Vario nozzle
20. Detergent spray nozzle
21. Patio cleaner
  - a. Detergent tank
  - b. Tank cap
  - c. Detergent spray regulator
22. Screw x 3



## Your product

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### Technical specifications

<b>General</b>	
> <b>Rated voltage:</b>	220 - 240 V~, 50 Hz
> <b>Rated input:</b>	2100 W
> <b>Rated pressure PN</b>	110 bar (11 MPa)
> <b>Max. permissible pressure PSmax</b>	140 bar (14 MPa)
> <b>Max. inlet water pressure</b>	10 bar (1 MPa)
> <b>Rated flow Q</b>	6 l/min
> <b>Maximum rated flow Qmax</b>	7.5 l/min
> <b>Rated temperature T</b>	50 °C
> <b>Gun kickback force at maximum pressure</b>	18 N
> <b>Protection class/Protection degree</b>	I <sup>⊕</sup> / IPX5
> <b>Weight</b>	18.3 kg
> <b>Dimensions</b>	441 x 361 x 927 mm
<b>High pressure hose</b>	
> <b>Permissible pressure</b>	160 bar (16 MPa)
> <b>Maximum temperature</b>	60 °C
> <b>Length</b>	9 m
> <b>Inlet water hose (not supplied)</b>	
> <b>Diameter</b>	min. Ø 12.7 (1/2")
> <b>Max. length</b>	10 m

### Sound level according to EN 60704-1 and ISO 3744

> <b>Sound pressure level L<sub>pA</sub></b>	79 dB(A)
> <b>Sound power level L<sub>WA</sub></b>	86 dB(A)
> <b>Uncertainty K</b>	4 dB(A)
> <b>Guaranteed power level L<sub>WA</sub></b>	87 dB(A)

### Vibration level according to ISO 5349-1

> <b>Hand arm vibration a<sub>h</sub></b>	1.75 m/s <sup>2</sup>
> <b>Uncertainty K</b>	1.5 m/s <sup>2</sup>

The declared vibration value has been measured in accordance with a standard test method and may be used for comparing one product with another. The declared vibration value may also be used to evaluate the exposure for the user caused by vibration in advance.

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## Before you start

### Unpack

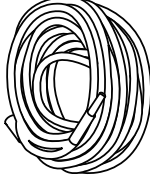
1. Unpack all parts and lay them on a flat, stable surface.
2. Remove all packing materials and shipping devices if applicable.
3. Make sure the delivery contents are complete and free of any damage. If you find that parts are missing or show damage do not use the product but contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.
4. Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.

### Things to check before you start

Check the pack and make sure you have all of the part listed. If not, contact your local store who will be able to help you.

### You will need

> <b>Water hose with suitable connectors</b>	<b>(items supplied)</b>
	> Spray gun
	> High pressure hose
	> Extension lance
	> Vario Nozzle
	> Rotary nozzle
	> Rotary brush
	> Patio cleaner
	> Detergent spray nozzle
	> Water inlet hose connector
	> Cleaning needle



### Assembly

1. Assemble the product completely before use. Attach the accessories storage compartment (9) to the lower side of the washer using one screw (22). Tighten the screw using a suitable crosshead screwdriver. Then attach the accessories storage compartment (9) to the upper side of the machine (Fig. 1).

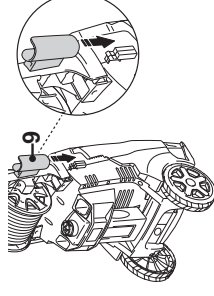
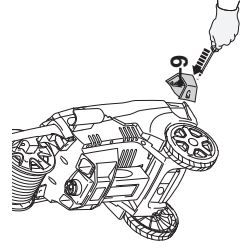


Fig. 1



## Before you start

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2. Attach the handle (2) to the support of the hose reel (18) using two screws (22). Tighten the screws using a suitable crosshead screwdriver. (Fig. 2).

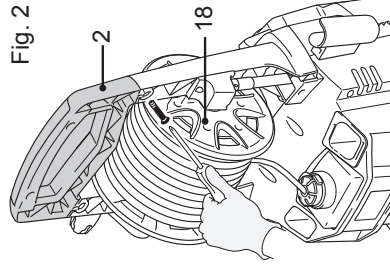


Fig. 2

3. Push the crank (6) into the opening of the reel (18), ensure it clicks in place (Fig. 3).

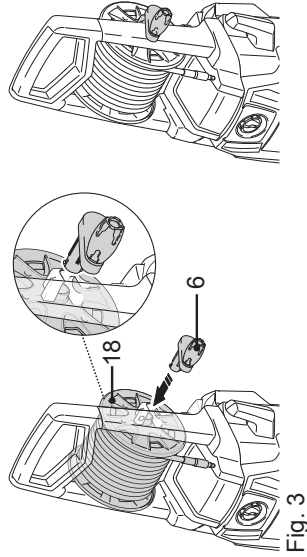


Fig. 3

4. Screw the water inlet hose connector (7) to the water inlet (5) (Fig. 4).

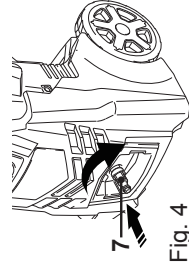


Fig. 4

## Before you start

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5. Attach a suitable water hose to the water supply and then attach the other end to the water hose inlet connector (7) of the product (Fig. 5).

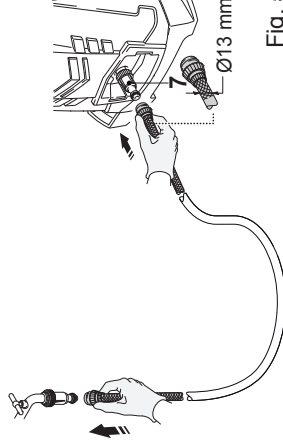


Fig. 5

**i** **NOTE:** There is a filter in the connector (7) that protects the product against larger particles. Please ensure that this is fixed appropriately. Do not use the connector without the filter.

## Pressure hose and spray gun

1. Unroll completely the high pressure hose (15) from the hose reel (18) by pulling it.
2. Push the latch (16b) on the spray gun (16) to open the connecting port and insert the connector of the high pressure hose (15) (Fig. 6).
3. Release the latch (16b) to lock the hose (15) in place. Check the connection by pulling on the hose. It should not pull out.

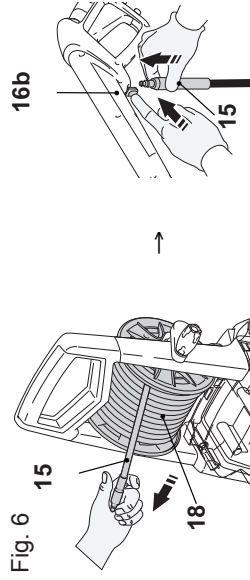


Fig. 6

## Accessories

A choice of lances and accessories are supplied with this product. Please check the technical specification of any accessories that you purchase separately to ensure they are compatible with this product.

## Before you start

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### Attaching

1. Select the suitable accessory (extension lance, Rotary brush or detergent spray nozzle), align the tongues with the grooves of the connecting port (16a) spray gun and insert it.



**NOTE:** There is a spring in the connecting port of the spray gun (16). This has to be pressed down and may require some pressure.

2. Securely fit the accessory by turning it clockwise to lock it in place (Fig. 7).

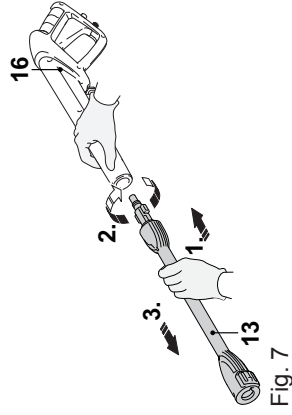


Fig. 7

Fig. 9, attachment method shown with extension lance (13)

### Removing

Press the accessory towards the spray gun (16) and turn it anti-clockwise to remove it. (Fig. 8).

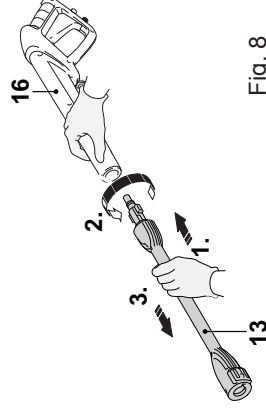


Fig. 8

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## Before you start

### Accessories

Illustration	Description	Application
	Extension lance	To be used in conjunction with vario and turbo jet spray nozzle.
	Vario nozzle	Fan and pin jet to be used in conjunction with the extension lance.
	Rotary nozzle	To be used for high pressure cleaning in conjunction with the extension lance.
	Rotary brush with brush adaptors	To be used for rims and wheel cleaning in conjunction with the spray gun.
	Detergent spray nozzle	To be used for detergent spraying in the conjunction with the spray gun.
	Patio cleaner	Cleaning of outdoor flooring e.g. patios, garden paths or courtyards. To be used in conjunction with the extension lance.
	High pressure hose	To be used in conjunction with spray gun.
	Spray gun	To be used in conjunction with extension lance and rotary brush.

## Before you start

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### Vario nozzle

The high pressure vario nozzle is intended for a large choice of applications and cleaning effects.

1. Always attach the extension lance (13) when using the vario nozzle (19) (Fig. 9).

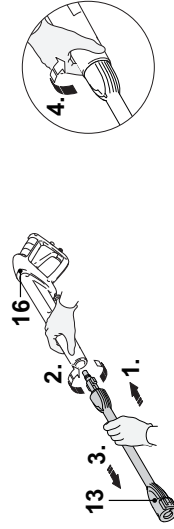


Fig. 9

2. Press the unlock button (13a) and attach the vario nozzle (19) to the extension lance (13). Release the button (13a) to secure the nozzle in place (Fig. 10).
3. Check if the nozzle (19) is attached properly by pulling on it. It should not pull out.

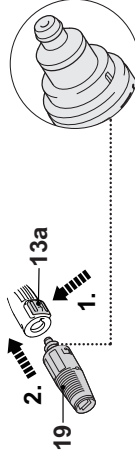


Fig. 10

4. Turn the vario nozzle (19) to adjust the required setting. Use the fan spray to clean wooden decks, vehicles, etc. When cleaning always start with the fan spray and hold the lance at least 30 cm away from the surface being cleaned to avoid damaging it. Use the pin spray for maximum cleaning effect (Fig. 11).

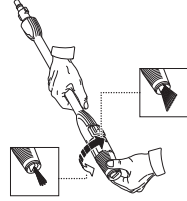


Fig. 11

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## Before you start

### Rotary nozzle

The high pressure rotary nozzle is intended for maximum cleaning effect. Keep the spray wand 15-20 cm away from the surface being cleaned at all times.

1. Always attach the extension lance (13) when using the rotary nozzle (14) (Fig. 12).

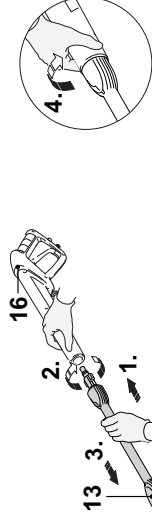


Fig. 12

2. Press the unlock button (13a) and attach the rotary nozzle (14) to the extension lance (13). Release the button (13a) to secure the nozzle in place (Fig. 13).
3. Check if the nozzle (14) is attached properly by pulling on it. It should not pull out.

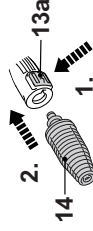


Fig. 13



**NOTE:** Always keep a reasonable distance between the nozzle and the object to be washed in order to avoid damage.

## Before you start

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### Detergent spray nozzle

Use the detergent spray nozzle (20) to apply detergent. Some cleaning tasks can be completed with water alone, but for most tasks the removal of dirt becomes more effective if a detergent is used.

1. Remove the cap (17a) from detergent tank (17) on the back of the product.
2. Add detergent to the tank (17) and attach the cap to the tank.
3. Securely fit the detergent spray nozzle (20) into the port connection (16a) of spray gun (16) by turning it clockwise to lock it in place (Fig. 14).

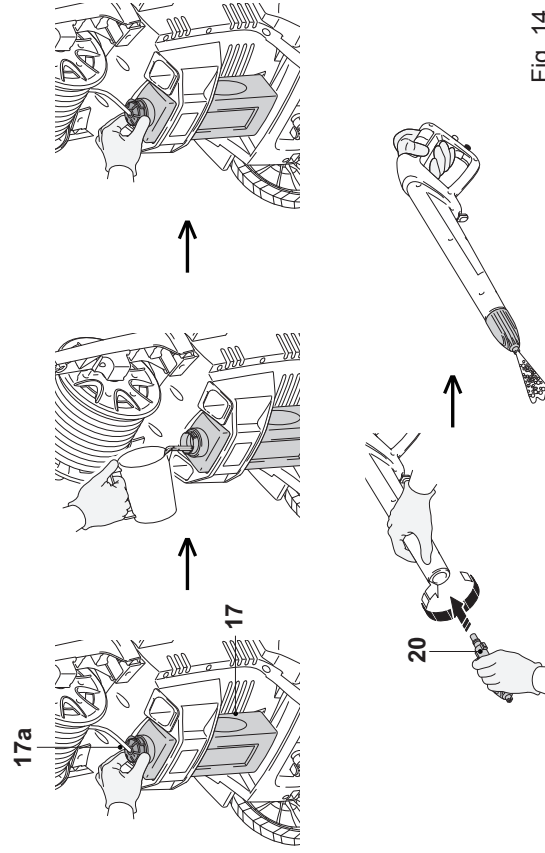


Fig. 14



**NOTE:** Only use mild, environmentally friendly detergents. Never use aggressive chemicals, abrasive detergents or similar to avoid damage to your health, the product or the environment.



**WARNING!** Avoid skin contact with detergents, in particular contact with eyes. If detergent gets in your eyes flush your eyes with clean water and seek immediate medical attention!

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## Before you start

### Rotary brush

The rotary brush is specially designed to clean rotary and vehicle wheels.

Rotary brush in conjunction with the spray gun

1. Ensure the adaptor (12a) is fitted on the rotary brush (12). Then align the tongues of the adaptor (12a) with the grooves of the spray gun (16) and insert it.
2. Securely fit the accessory by turning it clockwise and let it lock into place (Fig. 15).
3. Press the accessory towards the lance extension and turn it anti-clockwise to remove it.

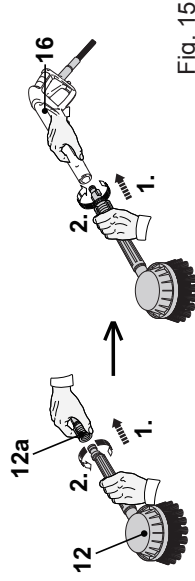


Fig. 15

### Patio cleaner

The patio cleaner is specially designed for cleaning large flat surfaces.

1. Always attach the extension lance (13) when using the patio cleaner (21) (Fig. 16). Then press the unlock button (13a) and attach the patio cleaner (21) to the extension lance (13). Release the button (13a) to secure the patio in place (Fig. 16). Check if the patio (21) is attached properly by pulling on it. It should not pull out.

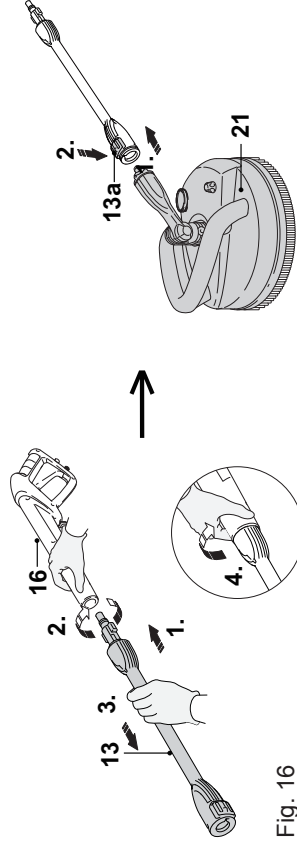


Fig. 16

**Before you start**

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2. Remove the cap (21b) from the detergent tank (21a). Then attach the cap to the tank (Fig. 17).
3. Adjust the detergent spraying mode by the detergent adjustment (21c) (Fig. 18).

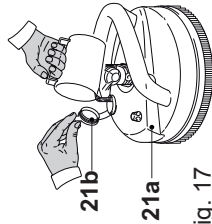


Fig. 17

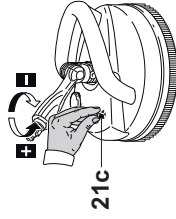


Fig. 18



**WARNING!** The patio brush is only intended to be used on flat patio surfaces! Do not attempt to use it on steps or use it vertically on walls. Never attempt to touch the rotating nozzle while operating (Fig. 19)!



Fig. 19



**WARNING!** Never operate the trigger (16c) of the spray gun (16) during the adjustment of the extension lance length. Danger of injury!



**WARNING!** Never place weights or apply forces on the extension lance (13) this leads to damage the product (Fig. 20)!

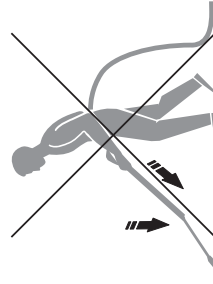


Fig. 20

**Before you start**

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**Connection to the water supply**

**WARNING!** Although this product is suitable for attachment to the drinking water supply local regulations may prohibit the connection to drinking water connections!



Observe the regulations of your local utility company when connecting the product to a water supply line! If it is prohibited to connect to the drinking water facility, you must use a backflow preventer which corresponds to EN 12729 type BA. Make sure that the hose is at least a diameter of 12.7 mm (1/2") and is reinforced!



If your water supply is potable water, ensure that the pressure washer is connected to a non-return valve system (type BA).

A Type BA system prevents the contamination of drinking water and must be connected to the water tap output.

The check valve is sold separately in stores.

## Before you start

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Attach a suitable water hose to the water supply and then attach the other end to the water hose inlet connector (7) of the product (Fig. 21).

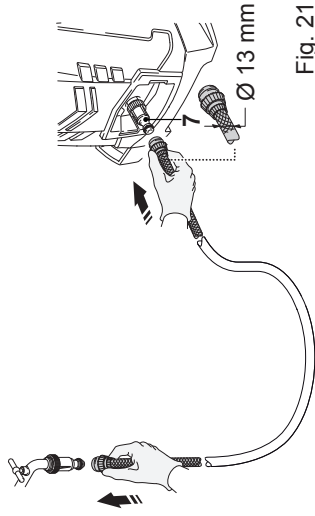


Fig. 21

## Connection to the power supply

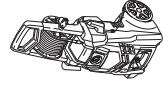
1. Make sure the on/off switch (3) is in its off position.
2. Connect the plug (1) with a suitable socket.



**WARNING!** Check the voltage! The voltage must comply with the information on the rating label!

If using an extension cord it must be suitable for outdoor use with sockets protected against water splashing. Ensure the extension cord is of the proper size and type for your product ( $\geq 1.5\text{mm}^2$ )! Always use a residual current device (RCD) protected supply.

Your product is now ready to be used.



## In more detail....



<b>Product functions</b>	28
<b>Operation</b>	31
<b>Care and maintenance</b>	35
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## Product functions

MPWP2100-2 By MacAllister

### Intended use

This high pressure cleaner MPWP2100-2 is designated with a rated input of 2100 Watts. The intended use of this product covers cleaning the surfaces of domestic vehicles, buildings and patios using clean water and biodegradable chemical detergents.

1. This product must not be used to clean clothing, shoes and other textiles. The water jet should not be directed or held against anyone, any animals or electrical equipment including the product itself. Do not flush any objects or pipe work which contains materials or liquids hazardous to health e.g. chemicals or asbestos. The product must not be run with inflammable, explosive and or toxic liquids.
2. The use of non-original accessories or any other accessories not specifically intended for the model in question is prohibited.
3. This product is intended for private domestic use only, not for any commercial trade use. It must not be used for any purposes other than those described.

### Safety devices

This product is equipped with several safety devices to avoid damage and injuries.

#### Overload cut-out

In case of overload, the motor stops. In this case, switch the product off, remove the mains plug and let it cool down for 10 minutes, then repeat the startup.

1. Turn on the water tap fully.
2. Turn the On/Off switch (3) to "I".
3. Hold the spray gun (16) with both hands.
4. Direct the nozzle of the chosen attachment away from yourself towards the surface to be cleaned (Fig. 22).
5. Press the trigger (16c) and direct the water jet to the object to be washed.
6. Release the trigger (16d) to stop the water jet.

If the problem recurs more than once, contact your authorised service centre.

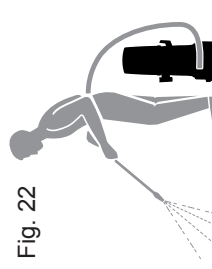


Fig. 22

## Product functions

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### Trigger lock

The spray gun (16) is equipped with a trigger lock in order to prevent accidental activation of the trigger (16c).

1. Activate the trigger lock by pressing the activate button (16d) when the product is not in use, when it is left unattended or when setting the product down (Fig. 23).
2. Deactivate the trigger lock by pressing the deactivate button (16d) to start operation (Fig. 24).

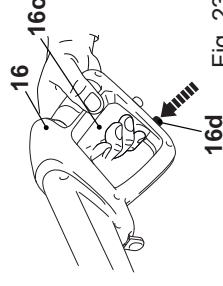


Fig. 23

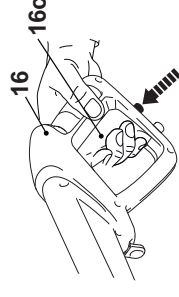


Fig. 24

Fig. 23, trigger lock activated, the trigger is locked in the off position

Fig. 24, trigger lock deactivated, the trigger can be operated

### Safety valve

The safety valve is a pressure limiting valve. When the trigger (16c) is released, the valve opens and discharges the pressure inside the pump.

### Automatic motor start-stop device

Automatic motor start-stop device is operated by the trigger (16c) of the spray gun (16). When the trigger (16c) is released the dynamic pressure automatically cuts out the motor. When the trigger (16c) is depressed the automatic drop in pressure starts the motor and the pressure is restored after a very slight delay.



If the automatic motor start-stop device is to function correctly all trigger releasing and depressing operations must be performed with an interval of at least 5 seconds between each operation.

## Product functions

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### On/off switch

1. Make sure the on/off switch (3) is on "O" (off) (Fig. 25).
2. Insert the plug (1) into a properly installed socket.
3. Turn the on/off switch (3) to "I" (on) (Fig. 26).

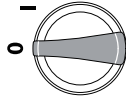


Fig. 25



Fig. 26



**Note:** The spray gun (16) is equipped with a trigger lock in order to prevent accidental activation of the trigger (16c). Activate the trigger lock when the product is not in use, when it is left unattended or when setting the product down (Fig. 23).

4. Deactivate the trigger lock by pressing the deactivate button (16d) (Fig. 27).
5. Press the trigger (16c), a water jet sprays out of the nozzle.
6. Release the trigger (16c) to stop the water outlet.
7. Activate the trigger lock pressing the activate button (16d) to lock the trigger in its off-position (Fig. 28).
8. Turn the on/off switch (3) to "O".

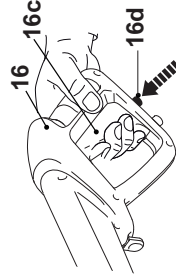


Fig. 27

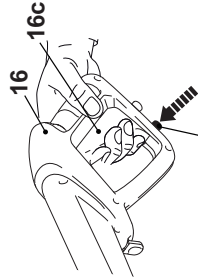


Fig. 28

## Operation

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### General operation

1. Check the product, its power cord and plug as well as accessories for damage before each use. Do not use the product if it is damaged or shows wear.
2. Double check that accessories are properly fixed.
3. Always hold the product by the spray gun and lance. Keep the surfaces dry to ensure safe support.
4. Ensure that the air vents are always unobstructed and clear. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product.
5. Switch the product off immediately if you are disturbed while working by other people entering the working area. Always let the product come to complete stop before putting it down.
6. Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the product.

### Operation



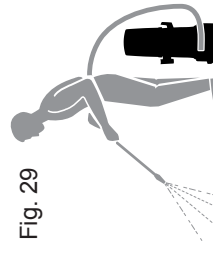
**WARNING!** Do not operate the product when the ambient temperature is below 0 °C. Water will freeze inside the product and damage it.



**WARNING!** Do not operate the product with a closed water tap! This leads to dry running and damage to the product! Rebound forces result from pressing the trigger! Therefore, always hold the spray gun with both hands! Pay attention to safe posture! Improper handling can lead to injuries!

1. Assemble the product as described.
2. Turn on the water tap fully.
3. Turn the On/Off switch (3) to "I".
4. Hold the spray gun (16) with both hands.
5. Direct the nozzle of the chosen attachment away from yourself towards the surface to be cleaned (Fig. 29).
6. Press the trigger (16c) and direct the water jet to the object to be washed.

Fig. 29



**NOTE:** Always keep a reasonable distance between the nozzle and the object to be washed in order to avoid damage.

7. Release the trigger (16c) to stop the water jet.



## Operation

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## Operation

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### Tips

**WARNING!** Prevent water from penetrating the air vents of the product to minimize the risk of damage to the product and to reduce the risk of electric shock to the operator!

1. Dissolve dirt by first applying a detergent mixed with water to the surface while still dry. Allow the detergent to soak into the surface for a few minutes, but do not let the detergent dry.
2. When dealing with vertical surfaces work from the bottom upwards. Leave the detergent to act for 1-2 minute(s) but do not allow the surface to dry. Starting from the bottom, use the high pressure jet at a minimum distance of 30 cm. Do not allow the rinse water to run onto unwashed surfaces.
3. In some cases, scrubbing the surface with a suitable brush is needed to remove dirt. High pressure cleaning is not always the best solution for good washing results, since it may damage some surfaces. The turbo jet spray nozzle vario nozzle jet setting should not be used on delicate or painted parts, or on pressurised components (e.g. tyres, inflation valves, etc.).
4. Effective washing depends on both the pressure and volume of the water used, to the same degree.
5. Begin by spraying in a test area free and clear of people and objects.

### Wood and vinyl decks

1. Reduce your work area to smaller sections and clean each section one at a time for optimal results.
2. Rinse at high pressure using the fan spray keeping the tip of the spray nozzle at least 15 - 25 cm from the cleaning surface.
3. Maintain a further distance from the cleaning area when using a direct spray.
4. **Caution!** Increase the distance from the cleaning area for softer woods.

### Cement patios, stone, and brick

1. Rinse at high pressure using the fan spray in a sweeping motion keeping the tip of the spray nozzle at least 7-15 cm from the cleaning surface.
2. Maintain a further distance from the cleaning area when using a direct spray.

### Cars, boats, and motorcycles

1. Clean one side at a time to achieve the best results.
2. Rinse at high pressure using the fan spray in a sweeping motion keeping the tip of the spray nozzle at least 20 cm from the cleaning surface. Maintain a further distance from the cleaning area when using a direct spray.
3. Wipe surface dry for a polished finish.
4. **WARNING!** Never clean the engine with this product!

### After use

1. Release the trigger (16c) (Fig. 30)
2. Turn the on/off switch (3) to "O" (off).
3. Turn off the water tap.
4. Press the trigger (16c) to release the pressure still present in the product (Fig. 31).
5. Lock the trigger (16c) by pressing the activate button (16d) (Fig. 32).

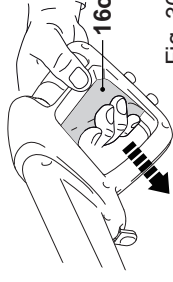


Fig. 30

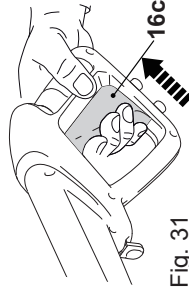


Fig. 31

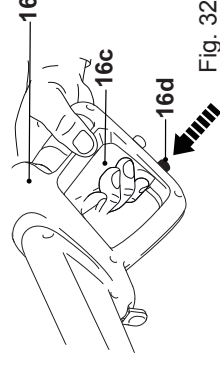


Fig. 32

**WARNING!** Only separate the high-pressure hose from the spray gun and the water hose from the product when no more pressure exists in the system! Also ensure that the product is turned off and separated from electrical supply!

6. Disconnect from the power supply.
7. Separate the water hose from the water supply (Fig. 33).

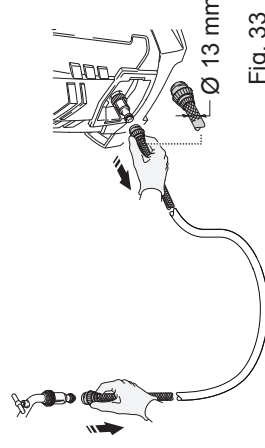


Fig. 33

## Operation

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8. Press the unlock button (13a) and disconnect vario nozzle (19) (Fig. 34) or the rotary nozzle (14) from the extension lance (13) (Fig. 35).

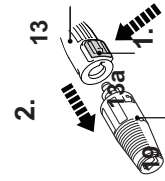


Fig. 34

9. Press the accessory towards the spray gun (16) and turn it anti-clockwise to remove it. (Fig. 36).

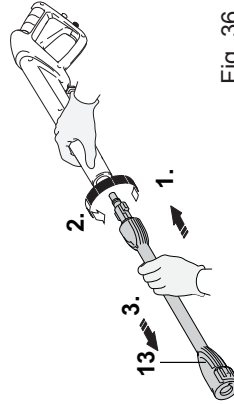


Fig. 36

10. Push the latch (16b) on the spray gun (16) to open the connecting port and disconnect the high pressure hose (15) by pulling it out (Fig. 37).

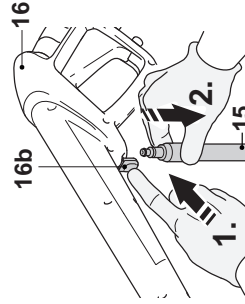


Fig. 37

11. Check, clean and store the product as described below.

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## Care and maintenance

### General operation



**WARNING!** Always switch the product off, disconnect it from power supply and let the product cool down before performing inspection, maintenance and cleaning work!

1. Keep the product clean. Remove debris from it after each use and before storage.
2. Regular and proper cleaning will help ensure safe use and extend the life of the product.
3. Inspect the product before each use for worn and damaged parts. Do not operate it if you find broken and worn parts.



**WARNING!** Only perform repairs and maintenance work according to these instructions! All further works must be performed by a qualified specialist!

### General cleaning

1. Clean the product with a dry cloth. Use a brush for areas that are hard to reach.
2. In particular clean the air vents after every use with a cloth and brush.
3. Remove stubborn dirt with high pressure air (max. 3 bar).



**NOTE:** Always keep a reasonable distance between the nozzle and the object to be washed in order to avoid damage.

4. Check for worn or damaged parts. Replace worn parts as necessary or contact an authorised service centre for repair before using the product again.

### General operation

A cleaning needle (4a) is supplied with this product and stored on the back side of instruction manual.

### Vario nozzle

Remove any dirt deposits from the nozzle hole using the cleaning needle (4a) (Fig. 38).

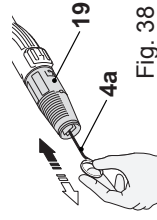


Fig. 38

## Care and maintenance

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### Rotary nozzle

Remove any dirt deposits from the nozzle hole using the cleaning needle (4a) (Fig. 39).

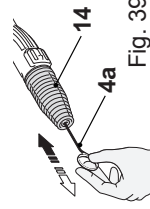


Fig. 39

### Filter

1. Remove the water inlet hose connector (7) from the water inlet (5).
2. Use a damp tool to disassemble the water inlet hose connector (7) (Fig. 40).
3. Rinse the parts with clear water (Fig. 41).

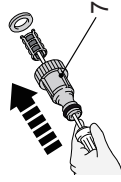


Fig. 40

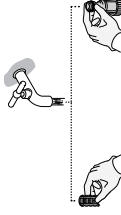


Fig. 41

### Decalcification

From time to time, according to the hardness of your tap water, calcium deposits in the product and accessories. The strength of the deposits (and thus the frequency of decalcification) depends upon the degree of hardness of the water and how often the product is used. Check with your local water company in order to establish the hardness of the water in your area.



**NOTE:** Use a mixture of water and citric acid or vinegar for decalcification. These substances are readily biodegradable and environmentally friendly!

1. Make a mixture of one part vinegar and two parts hot water ( $\leq 50\text{ }^{\circ}\text{C}$ ) in a suitable container, e.g. in a bowl.
2. Lay the container e.g. accessory parts in the mixture.
3. Leave the parts in the mixture for approximately 12 hours.
4. Then rinse the parts with clear water.

## Care and maintenance

MPWP2100-2 By MacAllister

### Power cord

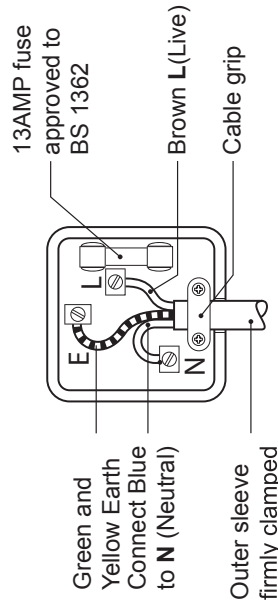
If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a safety hazard.

### UK plug

If you need to replace the fitted plug, then follow the instructions below.

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

Blue – Neutral  
 Brown – Live  
 Yellow/Green – Earth  
 As the colours of the wire in the mains lead of this product may not correspond with the coloured marking identifying the terminals in your plug, proceed as follows. The green and yellow wire must be connected to the terminal in the plug, which is marked with the letter **E** or with the earth ( $\equiv$ ) symbol or coloured green and yellow. The wire, which is coloured blue, must be connected to the terminal, which is marked with **N** or coloured black. The wire, which is coloured brown, must be connected to the terminal, which is marked **L** or coloured red.



## Care and maintenance

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**WARNING!** Never connect live or neutral wires to the earth terminal of the plug.

Only fit an approved 13 Amp BS 1363 or BS 1363/A plug and the correctly rated fuse. If in doubt, consult a qualified electrician.



**NOTE:** If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket..

## Repair

This product does not contain any parts that can be repaired by the consumer. Contact a qualified specialist to have it checked and repaired.

## Storage

1. Clean the product as described above.
2. Store the product and its accessories in a dry, frost-free place.
3. Always store the product in a place that is inaccessible to children. The ideal storage temperature is between 10 and 30 °C.
4. We recommend using the original package for storage or covering the product with a suitable cloth or enclosure to protect it against dust.
5. Drain remaining water and wash out the detergent tank at the end of the working session. To wash out the tank, use clean water instead of the detergent.

## Care and maintenance

MPWP2100-2 By MacAllister

6. Store the accessories on the back and in the storage compartment of the product (Fig. 42).

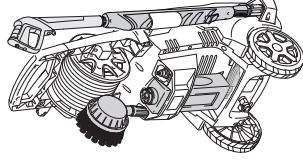


Fig. 42

## Transportation

1. Switch the product off and disconnect it from water and power supply before transporting it anywhere.
2. Attach transportation guards, if applicable.
3. Always transport the product by its handle (2) (Fig. 43).

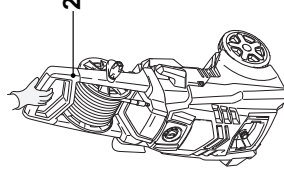


Fig. 43

4. Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
5. Secure the product to prevent it from slipping or falling over.

## Trouble shooting

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### Trouble shooting

Suspected malfunctions are often due to causes that the user can fix themselves. Therefore check the product using this section. In most cases the problem can be solved quickly.



**WARNING!** Only perform the steps described within these instructions! All further inspection, maintenance and repair work must be performed by an authorised service centre or a similarly qualified specialist if you cannot solve the problem yourself!

Problem	Possible cause	Solution
1. Product does not start	1.1 Not connected to power supply 1.2 Power cord or plug is defective 1.3 Other electrical defect to the product 1.4 Trigger lock has not been deactivated 1.5 Nozzle clogged	1.1 Connected to power supply 1.2 Contact your nearest Authorized Service Centre 1.3 Contact your nearest Authorized Service Centre 1.4 Unlock the trigger 1.5 Clean the nozzle
2. Product does not reach full power	2.1 Extension cord not suitable for operation with this product 2.2 Power source (e.g. generator) has too low voltage 2.3 Air vents are blocked 2.4 Water inlet volume is too low 2.5 High-pressure hose is leaking 2.6 Seals worn 2.7 Intake filter dirty 2.8 Air being sucked into system	2.1 Use a proper extension cord 2.2 Connect to another power source 2.3 Clean the air vents 2.4 Increase water inlet quantity 2.5 Replace high-pressure hose 2.6 Contact your nearest Authorized Service Centre 2.7 Clean the filter 2.8 Check tightness of hose fittings
3. Oil leakage	3.1 Seals worn	3.1 Contact your nearest Authorized Service Centre

## Trouble shooting

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Problem	Possible cause	Solution
4. Strong pressure fluctuations	4.1 Nozzle clogged 4.2 Water inlet volume is too low 4.3 High-pressure hose is leaking 4.4 Seals worn 4.5 Intake filter dirty 4.6 Air being sucked into system	4.1 Clean the nozzle 4.2 Increase water inlet quantity 4.3 Replace high-pressure hose 4.4 Contact your nearest Authorized Service Centre 4.5 Clean the filter 4.6 Check tightness of hose fittings
5. Water leakage from product	5.1 Seals worn	5.1 Contact your nearest Authorized Service Centre
6. Excessive vibration/noise	6.1 Screw and nuts loosened 6.2 Motor problems 6.3 Water inlet volume is too low	6.1 Check screws and nuts for tightness and re-tighten as necessary 6.2 Contact your nearest Authorized Service Centre 6.3 Increase water inlet quantity
7. No detergent taken in	7.1 Product on high pressure setting 7.2 Detergent too dense 7.3 High pressure hose extension being used 7.4 Deposits or restriction in detergent circuit	7.1 Attach the detergent sprayer or detergent spray the nozzle 7.2 Dilute with water 7.3 Fit original hose 7.4 Flush with clean water and eliminate any restrictions. If the problem persists, contact an Authorized Service Centre
8. No water stream	8.1 Trigger is not pressed 8.2 Trigger lock is activated 8.3 No water supply 8.4 Intake filter dirty 8.5 Hose clogged 8.6 Nozzle clogged	8.1 Press the trigger 8.2 Deactivate the trigger lock 8.3 Check water supply 8.4 Clean the filter 8.5 Clean the hose 8.6 Clean the nozzle

## Recycling and disposal/Guarantee

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### Recycling and disposal



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local Authority or local store for recycling advice.

The product comes in a packaging that protects it against transportation damage. Keep hold of the packaging until you are sure that all the parts have been delivered and the product is functioning properly. Recycle the packaging afterwards.

### Guarantee

This product carries a guarantee of 24 months starting from the day of purchase. Please retain your receipt as a proof.

This guarantee specifically excludes losses due to:

- Normal wear and tear, including accessory wear
- Overload, misuse or neglect
- Failure of consumable items (such as batteries)
- Repairs attempted by anyone other than an authorized agent
- Accidental damage caused by foreign objects or substances
- Lack of routine maintenance
- Failure to follow manufacturer's guidelines
- Loss of use of the goods

Due to continuous product improvement, we reserve the right to change the product specification without prior notice.

This guarantee does not affect your statutory rights.

For any inquiries relating to the guarantee please contact your retailer. If you purchased this product in B&Q store or website then call 0333 0143101. If you bought this product in SFX outlet or website then call 03330 112 112.

MPWP2100-2 By MacAllister

## EC declaration of conformity

### EC declaration of conformity



**We**

**Kingfisher International Products B.V.**  
**Rapenburgerstraat 175E 1011 VM Amsterdam**

**The Netherlands**

Declare that the product

High pressure cleaner MPWP2100-2

Serial number: from 000001 to 999999

Complies with the essential health and safety requirements of the following directives:

- The Machinery Directive 2006/42/EC
- The EMC Directive 2014/30/EU
- The Outdoor Noise Directive 2000/14/EC & 2005/88/EC
- The RoHS directive 2011/65/EU & 2015/863/EU
- Conformity assessment procedures: Annex V of the directive
- Measured Sound Power Level: 86 dB(A)
- Guaranteed Sound Power Level: 87 dB(A)
- Test report No.: SIC13113.A EMC1155768B
- Notified body: TUV SUD Product Service GmbH; Munich, Germany

The standards and technical specifications refer to:

- EN 60335-1: 2012/A13: 2017
- EN 60335-2-79: 2012
- EN 55014-1: 2017
- EN 55014-2: 2015
- EN 61000-3-2: 2014
- EN 61000-3-3: 2013
- EN 61000-3-11: 2000
- EN 60704-1: 2012
- EN ISO 3744 : 2010

Authorized Signatory and technical file holder

Signed for and on behalf of:

Kingfisher International Products B.V.  
 Rapenburgerstraat 175E 1011 VM Amsterdam  
 The Netherlands

Eric Capotummino  
 Director of Group Quality  
 on: 01/05/2020

EC declaration of conformity



We

**Kingfisher International Products Limited  
3 Sheldon Square London W2 6PX United Kingdom**

Declare that the product  
High pressure cleaner MPWP2100-2  
Serial number: from 000001 to 999999

Complies with the essential health and  
safety requirements of the following directives:

The Machinery Directive 2006/42/EC  
The EMC Directive 2014/30/EU  
The Outdoor Noise Directive 2000/14/EC & 2005/88/EC  
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The standards and technical specifications refer to:

EN 60335-1: 2012/A13: 2017	EN 61000-3-2: 2014
EN 60335-2-79: 2012	EN 61000-3-3: 2013
EN 55014-1: 2017	EN 61000-3-11: 2000
EN 55014-2: 2015	EN 60704-1 : 2012
	EN ISO 3744 : 2010

Authorized Signatory and technical file holder

Signed for and on behalf of:

Kingfisher International Products Limited

3 Sheldon Square

London W2 6PX

United Kingdom

Eric Capotummino

Director of Group Quality

on: 01/05/2020

In more detail . . .









**Manufacturer, Fabricant, Producent,  
Producător, Fabricante:**

UK Manufacturer:  
Kingfisher International Products Limited  
3 Sheldon Square  
London  
W2 6PX  
United Kingdom

EU Manufacturer:  
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**EN** [www.diy.com](http://www.diy.com)  
[www.screwfix.com](http://www.screwfix.com)  
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