

759 6590

RAC

WINTER
2005

2200W Pressure Washer

RAC-HP005



CE

*If faults cannot be remedied, contact the Helpline on 020 83916767
Helpline@hika.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. If in the event of any problem occurring please contact our Helpline at the number above for advice. This product is not guaranteed for HIRE purpose

Manufactured under licence by Hika Pro Imports.

1 ROEBUCK PLACE, ROEBUCK ROAD, CHESSINGTON, SURREY KT9 1EU

Installation Instructions

Assembly

WARNING: Before assembly, servicing, cleaning or removal of any parts, switch off power and disconnect from electric supply.

Note: That the unit may have some water in it, as the unit will have been fully tested at the place of manufacture.

● Install metal handle. Jine up the holes in the handle with the 4 holes in the back side of the pressure washer an then install screws. (Dia 1)

Note: When installing the handle, make sure that the side of the rack with three horizontal holes are towards the back of the pressure washer.

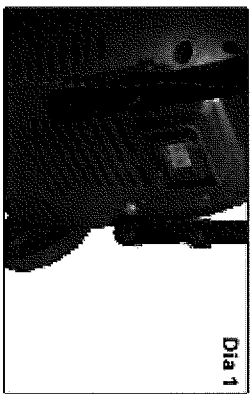
● Attach the accessory rack to handle. (Dia 2)

Connect the chosen nozzle into the socket of the spray gun/lance and click into position, rotating clockwise until it locks in place, ensure that both parts are firmly connected together otherwise an accident is liable to occur. (Dia 3)

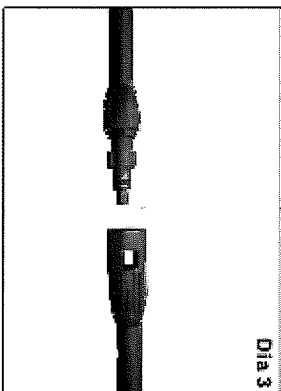
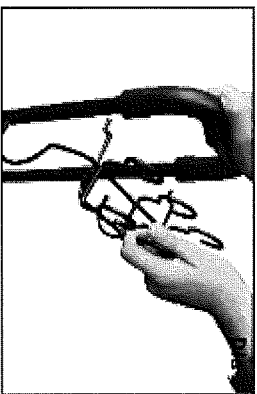
● Attach the high pressure hose and fitting to the spray gun/lance. Ensure that it is firmly attached. (Dia 4)

● Connect garden hose (with quick fit adaptor) onto the water inlet connection. (Dia 5)

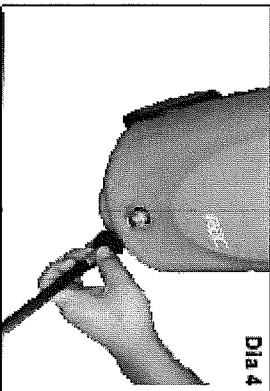
● Ensure the pressure washer is switched off, attach garden hose to water supply and plug unit into mains (Dia 6)



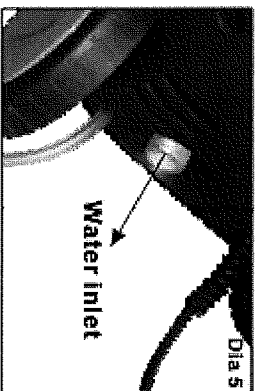
Dia 1



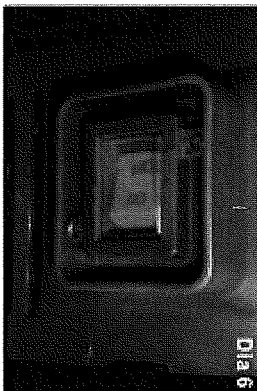
Dia 3



Dia 4



Dia 5



Dia 6

Operating

Instructions for use

Fully open the tap for water supply.

Before turning the unit on, pressure the gun trigger to bleed any trapped air out of the pump and hose. Start the pressure washer by turning ON/OFF switch to ON position, and press the trigger to spray water.

REMEMBER: Motor does not run continuously, only when trigger is squeezed.

WARNING: When taking a break, engage gun safety lock and switch off. If left too long the temperature of the water in the machine will increase quickly and could damage the pump.

Never operate your pressure washer without the water supply on.

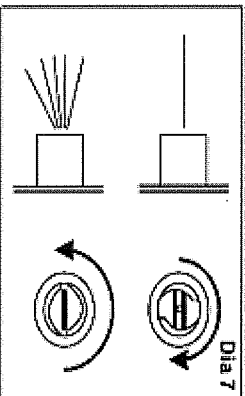
Help Hints

Before starting any cleaning remove any objects, which could create a hazard. Ensure that all doors/windows are closed tight.

The adjustable nozzle allows you to use any variety of spray patterns from a fan spray to a pencil jet spray. When using the pressure washer to clean decking, patios, walls, vehicles etc. Always start by using the fan spray and begin spraying from a minimum 30cm away to avoid damaging the surface of the material to be cleaned! (Dia 7)

The spray is adjusted from jet spray to fan spray by turning the nozzle shown.

WARNING: Do not adjust the nozzle while the trigger is squeezed.



Dia 7

The pressure of the spray on the surface you are cleaning increase as you move the nozzle closer to the surface. We recommend that for most cleaning applications a 45° spray angle should be used to avoid damage to surface being cleaned. Spraying directly head-on tends to cause dirt particles to embed in the surface.

The turbo nozzle is a fixed nozzle, which effectively increases the pressure washers cleaning performance. The turbo nozzle provides a circular water pattern as it sprays the high-pressure washer water. The spray pattern on this nozzle is not adjustable. The circular spray action does heavy cleaning in less time.

WARNING: If the area to be cleaned is a painted surface that is peeling or chipping, use extreme caution as the pressure washer may remove the loose paint from the surface. Take care when using the high-pressure setting as high-pressure can potentially damage finish or paintwork/leg car, van motorcycle ect....) It is not recommended to use the pressure washer inside the engine bay.

Use of Detergent

To penetrate and remove dirt more effectively, detergent can be supplied to the unit via the detergent feeder hose. Fill a suitable container with the detergent mixture and place the feeder hose into the container. Detergent is only applied at low pressure. Always test detergent in an inconspicuous area before use. Always spray detergent on a dry surface, do not pre-soak area. Wetting the surface first dilutes the detergent and reduces its cleaning ability. Do not allow the detergent to dry on the surface you are cleaning. For best results, limit your work area to smaller sections of approximately 25sq.ft. Allow wash to remain on surface 1-3 minutes. Rinse at high-pressure in a long sweeping motion keeping the spray nozzle. Always clean from top to bottom and from left to right. When moving on to a new section of the cleaning surface, be sure to overlap the previous section to eliminated stop marks and ensure a more even cleaning result.

Rotary Brush

If soap/detergent is required then add soapy detergent to the dispenser. Press the lance trigger and allow the water to flow for a few minutes this will draw the soap to the rotary brush.

Fixed washing brush

If soap is required then add soap to the dispenser. Press the lance trigger and allow the water to flow for a few minutes this will draw the soap to the brush.

Maintenance and Trouble shooting

Turbo Lance

Soap dispensing is not available with this lance.

Variable spray pattern lance

The spray pattern is adjusted by turning the front nozzle section.

Low pressure is achieved by pulling the front nozzle section forward. Maximum pressure is achieved with the nozzle pushed in and the spray pattern turned to a needle point.

If soap is required then add so soap to the dispenser.

Set the lance to low pressure (pull nozzle forward)

Press the lance trigger and allow the water to flow for a few minutes this will draw the soap through.

Shutting down and cleaning up

Turn the switch to OFF position and disconnect from mains supply. Turn off the water supply. Press trigger to release the water pressure, and disconnect the garden hose from the water inlet on the unit. For storage before winter we recommend using antifreeze. Prepare the pressure washer for storage by running a 50/50 mix of water and anti-freeze into the unit, this will keep the internal parts lubricated, protect from rust, and prevents the pump from freezing.

Connect a short piece of garden hose (2-3m long) to the water inlet fitting of the pump. Use a funnel to pour the anti-freeze solution down the hose. Start the machine and let it draw the solution through the pump. This can take up to 2 minutes. Shut the pressure washer down when the solution begins to spray from the pump outlet. Disconnect the high-pressure hose from the pump, disassemble the detergent nozzle, and rinse thoroughly. Store the unit and accessories in a room above 0°C. The machine is now ready for storage. Simply flush it out with clean water when you are ready to begin using it in spring.

WARNING: After the winter ensure the complete system is washed out thoroughly before use. Anti-freeze will damage paintwork and therefore you must ensure that no antifreeze is left in the system before cleaning use. If you prefer, you can still protect your pressure washer from winter-damage by: disconnect all water connections. Turn on the machine for a few seconds, until the remaining water in the pump exits. Turn off immediately. Store the machine and accessories in a room that does not reach freezing temperatures.

Maintenance

Your pressure washer requires no additional lubrication or maintenance. There are no user serviceable parts. Never use chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Clean all accessories including the detergent feeder hose and filter, by using clean warm water only. Wipe clean with a dry cloth.

Note: We recommend that a branded detergent is used in your pressure washer.

Please note that there are different detergents available for different tasks, such as one for cleaning cars, one for cleaning patios and drive ways etc.....

Trouble Shooting

WARNING: Before making any repairs, switch off mains, turn off water supply and release the pressure. Disconnect the mains plug.

● No detergent flow

Possible causes: Detergent feeder hose blocked or container empty; Feeder hose not properly connected; Detergent too thick; Nozzle blocked; High pressure nozzle position. Check all above and correct as necessary.

● Machine does not start

ON/OFF switch is in the off position. Plug fuse has blown. Electric socket is faulty; Thermal cut-off was tripped.

Ensure unit is switched on, change fuse, try another socket or try without the extension lead, reset RCD (if used). If the pressure washer overheats the pressure washer will switch off automatically. If this happens switch off the pressure washer and let the motor cool down for 15

Maintenance and Plug fitting

minutes before switching on again.

● Pump does not reach the max pressure

Possible causes: Water inlet filter is clogged; Pump sucking air; Incorrect nozzle; Diameter of garden hose is too small; Water supply is restricted or supply is too low pressure. Check all the above.

● The output pressure varies and is not constant

Possible Causes: Water inlet filter is clogged; Pump sucking air; Diameter of garden hose is too small; Water supply is restricted or supply is too low pressure, nozzle is damaged. Check all the above.

Note: Clean dirt from nozzle hose with a needle and rinse from the front.

● The motor stops suddenly

Possible Causes: Thermal safety switch has tripped due to the overheating. If the pressure washer overheats the pressure washer will switch off automatically. If this happens switch off the pressure washer and let the motor cool down for 15 minutes before switching on again. One common reason for overheating is low water inlet pressure. To check this you should be able to fill a 10 litre bucket in 1 minute

● Pump is noisy

Possible Causes: Air intake damaged or blocked; Bearings are worn out; Extreme supply water temperature. Check all the above.

● Water leaking from the pump

Cause: Loose fitting; Missing/worn rubber washer. Solution: Check and replace.

● Lance Trigger will not operate

Possible causes: Safety catch on. Check and ensure safety catch is released.

Plug fitting

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. If the supply cord is damaged it must be replaced by a service agent or similarly qualified person in order to avoid hazard. Your pressure washer is supplied with a fitted plug, however if you should need to fit a new plug follow the instruction below. If in doubt consult a qualified electrician.

IMPORTANT

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

Blue - Neutral Brown - Live

As the colours of the wires in the mains lead of this appliance may not correspond with the

coloured markings identifying the terminals in your plug, proceed as follows:

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

with the letter L or coloured red.

No connection is to be made to the earth

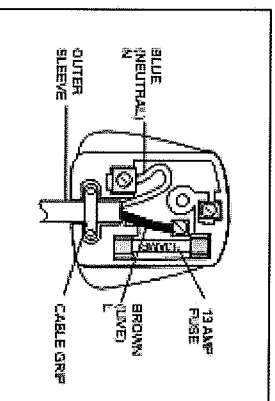
terminal of the plug.

If a 13 AMP (BS 1363) Plug is used, a

13 AMP Fuse must be fitted, or if any other

type of plug is used a 13AMP Fuse must be fitted, either in the Plug or Adaptor, or on the

Distribution Board.



Safety Instruction

General Safety Rules

WARNING: Read the instructions fully before using the product for the first time. Failure to follow the instructions may result in a fire, electric shock and or serious injury. We recommend the user wear safety equipment during use. We recommend the product be use with an RCD(Residual Current Device)

Please Retain These Instructions For Future Use And Referral

- This unit must not be used by children or untrained personnel.
- When operating the unit in high-pressure mode, the lance may cause kickback. Therefore please ensure that you hold the spray gun firmly. When using the unit we recommend that other people are at least 10m away from the working area.
- High-pressure jets can be dangerous if misused. The jet **MUST NOT** be directed at other people, animals, live electrical equipment or the pressure washer itself. The trigger gun safety lock prevents the trigger from accidentally being engaged. This safety feature does not lock trigger in the on position.
- Do not point the jet towards yourself or others.
- Do not use the pressure washer if the supply cord or other important parts are damaged (eg: high pressure lance or hoses). Never carry your pressure washer by the cord.
- Do not disconnect the high-pressure hose whilst the system is under pressure. This system is capable of producing 1600PSI. To avoid rupture and injury, do not operate this pump with components rated less than 1600PSI working pressure (including but not limited to spray guns, hose and hose connections.)
- Do not use acids or flammable liquids in the machine.
- When using a pressure washer always ensure that your water connection is protected by a backflow preventer (as per water byelaws). This will avoid possible contamination of your water supply. Use cold water feed only.
- Protect the unit against freezing, avoid storing the machine where it maybe susceptible to frost. Prior to starting the pressure washer in cold weather, be sure ice has not formed in any part of the equipment.
- The unit must continuously run with water. Dry running will cause serious damages to the seals.

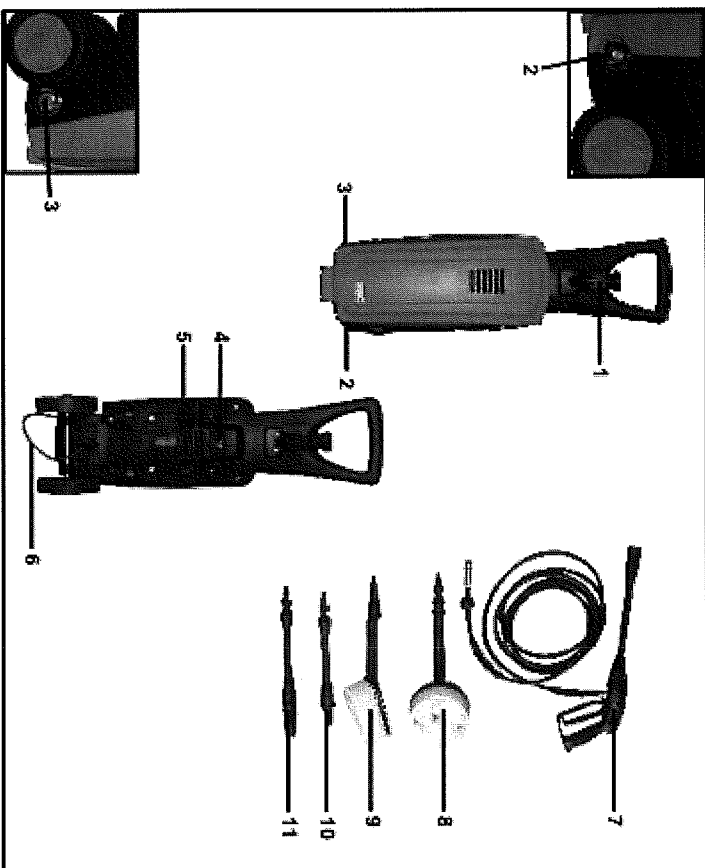
IMPORTANT: The pressure washer is equipped with a stop device. When the trigger is in the off position it will open the power circuit to the motor and cause the pressure washer motor to stop. Motor will resume again when trigger is pulled. The pressure washer is also equipped with a main power ON/OFF switch located on the unit. It should always be moved to OFF position when the pressure washer is not being used.

This product must be earthed. If possible, do not use extension cords with this product, however, if you must use one, observe all the warnings and instructions listed below. A qualified person should only carry out servicing. If an extension lead is to be used with this product, please ensure:

- Use only extension leads that include Earth Connector (3 core).
- Use only extension cords having an electrical rating not less than the rating of the product.
- Use only extension cords that are intended for outdoor use.
- To reduce the risk of electrocution, keep all connections dry and off the ground.
- Do not touch plug with wet hands.

Hose: Water hose must be at least 1/2" in diameter with a minimum recommended length of supply of 6 meters.

Component



1. Detergent tank
2. Outlet high-pressure hose
3. Inlet water supply
4. On/off switch
5. Lance&brush storage
6. Mains lead
7. Spray gun/Lance/high pressure hose
8. Rotary brush
9. Standard Brush
- 10 Turbo nozzle
- 11 Variable spray pattern Lance

Technical specification

Rated voltage	230-240V AC
Rated Power	2200W
Rated Frequency	50HZ
Protection Class	IPX5
Degree of protection	1600bar
Permissible pressure	1000bar
Rated Pressure	1.5-8bar
Inlet pressure	5-60°
Supply water temperature	0-90°
Nozzle spray angle	6.8L/M
Max output flow rate	84dB(A)
Sound power level	