INTRODUCTION

Thank you for selecting this VAC KING Vacuum Cleaner, which will provide you with a cleaner and safer working environment.

This machine is capable of collecting both wet and dry materials as well as water. DO NOT, however, collect any other type of liquid as this could be dangerous.

Before attempting to operate the machine, it is essential that you read this manual thoroughly and carefully follow all instructions given. In doing so you will ensure the safety of yourself and that of others around you, and you can also look forward to the machine giving you long and satisfactory service.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

GUARANTEE

This CLARKE product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for its intended purpose.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

ENVIRONMENTAL PROTECTION

Through purchase of this product, the customer is taking on the obligation to deal with the Waste Electrical and Electronic Equipment (WEEE in accordance with the WEEE regulations in relation to the treatment, recycling & recovery and environmentally sound disposal of the WEEE.

In effect, this means that this product must not be disposed of with general household waste. It must be disposed of according to the laws governing Waste Electrical and Electronic Equipment (WEEE) at a recognised disposal facility.
SAFETY PRECAUTIONS

WORK AREA
1. Avoid operating in the presence of flammable liquids or gases. The motor may produce sparks during operation. Do not use in enclosed areas where flammable, explosive or toxic vapours are given off.

PERSONAL SAFETY
1. Always stay alert, watch what you are doing and use common sense when operating the CVAC. Do not use the CVAC while you are tired or under the influence of medication, drugs or alcohol. A moment of inattention can result in personal injury.
2. Never over-reach. Keep your proper footing and balance at all times to enable better control of the machine in unexpected situations.
3. Always store the machine out of reach of children.

GENERAL MACHINE USE AND CARE
1. Prior to use, all users should become familiar with this instruction booklet.
2. Always maintain the CVAC with care and keep it clean for best / safest performance.
3. Never use this CVAC if any part is damaged. Have it inspected and repaired by your Clarke dealer. Do not use if the electric cable, plug, or the machine itself, is in poor condition.
4. Never abuse the power cable. Never pull on the cable when removing the plug from the socket or lift the machine by the power cable. Take care not to close doors on the cable, or allow it to become snagged under furniture/objects with sharp edges. Keep away from heat or oil.
5. Only use extension leads that are of an appropriate power rating and suitable for the work environment. Extension leads must have an earth connection. Inspect the extension lead regularly and replace if damaged.
6. Always take care when a long hose is required in the work area as it presents a trip hazard. Tidy the hose away when the job is finished.
7. Never pick up flammable or readily combustible material such as hot ashes or coals, or use in the presence of explosive liquids or vapours.
8. Never pick up burning cigarettes or other smoking substances.
9. Never abuse the CVAC by standing on it.
10. Always transport the CVAC by lifting it by the handle.
CARE & STORAGE

1. When not in use, turn off by the On/Off switch on top of the machine, then remove the plug from the mains power supply.

2. When you have finished with the machine, ensure the electric cable is stowed away and not left as a hazard for others to trip over.

3. Do not change filters, or carry out any cleaning or servicing, without first disconnecting the machine from the power supply.

4. Keep the external surfaces clean. Avoid impact damage and do not allow the machine to come into contact with abrasive or corrosive materials.

5. Do not use solvents, thinners or alcohol to clean the CVAC, as these chemicals will damage the finish. With the machine unplugged from the power supply, use a dry cloth to wipe over the plastic casing.

6. When not in use the CVAC should be stored in a secure, dry place, out of the reach of children. DO NOT leave it exposed to the elements and avoid direct sunlight, direct heat, rain/moisture etc.

7. Only use parts and accessories recommended in this manual. The use of unauthorised accessories or attachments is not permitted and may result in personal injury or damage to the machine.

8. Do not attempt to repair or modify the machine. Do not attempt any electrical repair yourself. Consult a qualified electrician or our Service Department on 020 8988 7400.
ELECTRICAL CONNECTIONS

WARNING! READ THESE ELECTRICAL SAFETY INSTRUCTIONS THOROUGHLY BEFORE CONNECTING THE PRODUCT TO THE MAINS SUPPLY.

Before switching the product on, make sure that the voltage of your electricity supply is the same as that indicated on the rating plate. This product is designed to operate on 230VAC 50Hz. Connecting it to any other power source may cause damage.

This product may be fitted with a non-rewireable plug. If it is necessary to change the fuse in the plug, the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a suitable replacement is obtained.

If the plug has to be changed because it is not suitable for your socket, or due to damage, it should be cut off and a replacement fitted, following the wiring instructions shown below. The old plug must be disposed of safely, as insertion into a mains socket could cause an electrical hazard.

CVAC20P (DOUBLE INSULATED APPLIANCE)

WARNING! THIS PRODUCT IS DOUBLE INSULATED. THE WIRES IN THE POWER CABLE ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE: Blue = Neutral  Brown = Live

If the colours of the wires in the power cable of this product do not correspond with the markings on the terminals of your plug, proceed as follows.

- The wire which is coloured **Blue** must be connected to the terminal which is marked **N** or coloured **Black**.
- The wire which is coloured **Brown** must be connected to the terminal which is marked **L** or coloured **Red**

Plug must be BS1363/A approved.

Always fit a 5 Amp fuse.

Ensure that the outer sheath of the cable is firmly held by the clamp.

We strongly recommend that this machine is connected to the mains supply via a Residual Current Device (RCD).
CVAC20PR2 (EARTHED ELECTRICAL APPLIANCE)

WARNING! THE WIRES IN THE POWER CABLE OF THIS PRODUCT ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE:
Blue = Neutral  Brown = Live  Yellow and Green = Earth

If the colours of the wires in the power cable of this product do not correspond with the markings on the terminals of your plug, proceed as follows.

- The wire which is coloured **Blue** must be connected to the terminal which is marked **N** or coloured **Black**.
- The wire which is coloured **Brown** must be connected to the terminal which is marked **L** or coloured **Red**.
- The wire which is coloured **Yellow and Green** must be connected to the terminal which is marked **E** or **Earth** or coloured **Green**.

Plug must be BS1363/A approved.

Ensure that the outer sheath of the cable is firmly held by the clamp

We strongly recommend that this machine is connected to the mains supply via a Residual Current Device (RCD).

If in any doubt, consult a qualified electrician. DO NOT attempt any repairs yourself.
## COMPONENTS

<table>
<thead>
<tr>
<th>No</th>
<th>Description</th>
<th>No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Motor Housing &amp; Head Section</td>
<td>9</td>
<td>Caster</td>
</tr>
<tr>
<td>2</td>
<td>Container</td>
<td>10</td>
<td>Linen Bag Filter</td>
</tr>
<tr>
<td>3</td>
<td>Flexible Hose</td>
<td>11</td>
<td>Paper Dust Bag</td>
</tr>
<tr>
<td>4</td>
<td>Extension Tube</td>
<td>12</td>
<td>Foam Filter (water pick-up only)</td>
</tr>
<tr>
<td>5</td>
<td>Brush Adaptor</td>
<td>13</td>
<td>Handle</td>
</tr>
<tr>
<td>6</td>
<td>Crevice Tool</td>
<td>14</td>
<td>ON/OF Switch</td>
</tr>
<tr>
<td>7</td>
<td>Power Tool Adaptor (20PR2 only)</td>
<td>15</td>
<td>Auxiliary Power Take-Off (20PR2)</td>
</tr>
<tr>
<td>8</td>
<td>Angle Adaptor</td>
<td>16</td>
<td>Filter Cage</td>
</tr>
</tbody>
</table>
UNPACKING & ASSEMBLY

With the CVAC removed from the packaging, undo the two clamps securing the head and remove the components from within the tank. Lay them out and check for shortages and that no damage was suffered in transit.

For ease of mobility, the CVAC base is provided with castors which require assembling. Push the four castors onto their mountings firmly. Four self-tapping screws are provided which should be screwed into the caster mounting to secure it to the unit. Attach the CVAC 20PR2 handle to the head section using the screws provided.

THE FILTERS

Filters are essential to ensure that dust or foreign matter does not enter the motor compartment which would reduce motor efficiency, and eventually cause serious damage.

During dry operation, the double filtering action of the linen and paper bag filters protects the motor from dust and dirt but also ensures that the cleanest possible air is exhausted, thereby preventing dust being spread into the environment.

a. Foam Filter
b. Linen Bag Filter
c. Paper Bag Filter

WARNING: BEFORE USING THE CVAC, MAKE SURE THAT YOU HAVE READ AND UNDERSTOOD THE SAFETY INSTRUCTIONS
FOR WET USE

The Foam Filter is only to be used for picking up water.

It is the only filter used during this operation and must be fitted over the filter cage as shown.

The linen and paper bag filters must be removed before using the CVAC to pick up water.

FOR DRY USE

The Linen Bag Filter must be fitted over the filter cage and is used when dry vacuuming ONLY.

Remove the foam filter for dry use.

The Paper Bag Filter should be used in conjunction with the Linen Bag filter for dry vacuuming ONLY. It is fitted over the inlet elbow on the inside of the container. The paper bag filter will inflate in use and dust is being collected.

OPERATING INSTRUCTIONS

Before plugging in to the mains power supply, open the machine and check to ensure the appropriate filters are securely in place and are in good condition. If the paper bag is full, replace it. Spare bags are available from your Clarke Stockist.

Switch the machine ON and proceed to use as normal. The CVAC should be positioned on a firm, level surface. Do not cover the CVAC. Always position it with good all-round air ventilation. The CVAC must remain upright, especially when picking up water.

When moving the CVAC;

• Always use the handle.
• Do not lift by (or place a strain on) the hose or cable.
• Always switch it off and disconnect it from the mains power supply.

REMEMBER to use the FOAM FILTER ONLY for picking up WATER and ensure that it is correctly fitted so that it covers the filter cage completely.

NOTE: Be aware that when picking up water, the tank will gradually fill up. Check and empty at frequent intervals, otherwise the float located within the filter cage will rise and eventually shut off the suction. This is a safety feature to prevent water from coming into contact with electrical components. Should suction stop, you will hear a more urgent sound from the motor. Immediately switch OFF and empty the tank, otherwise the motor could overheat.

CVAC20PR2 ONLY

This machine is provided with a standard three pin auxiliary power take off which enables the machine to be used as a dust extractor for power tools. Plug the power tool into the socket and switched it on by setting the rocker switch to the position indicated with two bars.

The CVAC will automatically start. When the power tool is switched off, the CVAC will switch itself off after a short delay. Any power tool up to a maximum of 1400W/6A rating can be used.

Additionally, a stepped adapter tube is provided which may be pushed into the dust extractor port of the power tool and on to which, the flexible hose may be attached.

IMPORTANT: On no account must this mode be used when picking up water.

MAINTENANCE

Maintenance is limited to inspecting the filters regularly and replacing when necessary. If the filters become holed or damaged in any way, they must be replaced.

The cartridge filter is of paper construction and therefore may not be washed. It may be brushed clean and compressed air set at a low pressure may also be used. The linen bag may be washed as required and dried before use.

Ensure the hose is kept in good condition. A damaged hose will seriously effect the efficiency of the machine and should be replaced immediately.

Inspect all other components periodically and replace damaged castors or accessories when necessary. Contact your CLARKE dealer for replacements.

Regular inspection and the correct maintenance of the filters will ensure efficient running and prolong the life of your machine.
### SPARE PARTS

<table>
<thead>
<tr>
<th>No</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Handle</td>
</tr>
<tr>
<td>2</td>
<td>Head Assembly</td>
</tr>
<tr>
<td>3</td>
<td>Latch Assembly</td>
</tr>
<tr>
<td>4</td>
<td>Hose Inlet Assembly</td>
</tr>
<tr>
<td>5</td>
<td>Container Body</td>
</tr>
<tr>
<td>6</td>
<td>Castor Assembly</td>
</tr>
<tr>
<td>7</td>
<td>Water Drain Assembly</td>
</tr>
</tbody>
</table>
## SPARE PARTS

<table>
<thead>
<tr>
<th>PART</th>
<th>CVAC20P</th>
<th>CVAC20PR2</th>
</tr>
</thead>
<tbody>
<tr>
<td>LINEN BAG FILTER</td>
<td>HT90616</td>
<td>HT90616A</td>
</tr>
<tr>
<td>PAPER DUST BAG FILTER</td>
<td>HT90615</td>
<td>HT90605A</td>
</tr>
<tr>
<td>FOAM FILTER</td>
<td>HT90503</td>
<td>HT90503A</td>
</tr>
<tr>
<td>CASTER</td>
<td>TVQTJC0400</td>
<td>YVQTJL0100A</td>
</tr>
<tr>
<td>FLEXIBLE HOSE 2.5 M</td>
<td>HT80819</td>
<td>HT80819</td>
</tr>
<tr>
<td>ANGLE ADAPTOR (HOSE TO TUBE)</td>
<td>HT80401</td>
<td>HT80401A</td>
</tr>
<tr>
<td>METAL EXTENSION TUBE</td>
<td>HT80903</td>
<td>HT80903A</td>
</tr>
<tr>
<td>COMBI BRUSH ADAPTOR TOOL</td>
<td>HT80710</td>
<td>HT80710A</td>
</tr>
<tr>
<td>CREVICE TOOL</td>
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<td>HT80707A</td>
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<tr>
<td>POWER TOOL ADAPTOR</td>
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<td>HT80302A</td>
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<tr>
<td>OPTIONAL 5M HOSE</td>
<td>6471155</td>
<td>6471157</td>
</tr>
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</table>

Replacement 20Ltr Dust Bags also available as Clarke Part No 6471135.
Please note that the details and specifications contained herein, are correct at the time of going to print. However, CLARKE International reserve the right to change specifications at any time without prior notice.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CVAC20P</th>
<th>CVAC20PR2</th>
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</thead>
<tbody>
<tr>
<td>Part No</td>
<td>6471100</td>
<td>6471127</td>
</tr>
<tr>
<td>Weight</td>
<td>5 kg</td>
<td>5.9 kg</td>
</tr>
<tr>
<td>Dimensions (L x W x H) mm</td>
<td>446 x 446 x 522</td>
<td>340 x 315 x 510</td>
</tr>
<tr>
<td>Tank Capacity (water)</td>
<td>12 Litres</td>
<td></td>
</tr>
<tr>
<td>Dust Capacity</td>
<td>16 Litres</td>
<td></td>
</tr>
<tr>
<td>Max Vacuum</td>
<td>15 kPa</td>
<td>16 kPa</td>
</tr>
<tr>
<td>Duty Cycle</td>
<td>S1 (continuous)</td>
<td></td>
</tr>
<tr>
<td>Fuse Rating</td>
<td>13 Amps</td>
<td></td>
</tr>
<tr>
<td>Power Supply</td>
<td>230 V/50Hz/1ph</td>
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</tr>
<tr>
<td>Motor Power rating</td>
<td>1.25 kW</td>
<td>1.4 kW</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP24</td>
<td></td>
</tr>
<tr>
<td>Output Socket Rating</td>
<td>1400 W (6A)</td>
<td></td>
</tr>
<tr>
<td>Sound Power Level (@2m)</td>
<td>82 dB LwA</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF CONFORMITY

We hereby declare that this product(s) complies with the following directive(s):

- 2014/30/EU    Electromagnetic Compatibility Directive.
- 2011/65/EU    Restriction of Hazardous substances.

The following standards have been applied to the product(s):


The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned directive(s) has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2009

Product Description:  Vacuum Cleaner
Model number(s):  CVAC20P
Serial / batch Number:  N/A
Date of Issue:  30/03/2016

Signed:

J.A. Clarke
Director
DECLARATION OF CONFORMITY

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The CE mark was first applied in: 2009

Product Description: Vacuum Cleaner
Model number(s): CVAC20PR2
Serial / batch Number: N/A
Date of Issue: 30/03/2018

Signed:

J.A. Clarke
Director
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PARTS & SERVICE: 0208 988 7400
E-mail: Parts@clarkeinternational.com or Service@clarkeinternational.com
SALES: UK 01992 565333 or Export 00 44 (0)1992 565335

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