

# VAC KING



**MODEL Nos:**  
**CVAC20SS • CVAC25SS • CVAC30SSR**

## **OPERATING & MAINTENANCE INSTRUCTIONS**



Distributed by CLARKE International Ltd.

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Thank you for selecting this VAC KING Stainless Steel 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 use this machine, please read this leaflet thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to this Vacuum Cleaner giving you long and satisfactory service.

## GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt therefore, 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 the purpose for which it was intended.

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.

## SAFETY PRECAUTIONS

1. Do not allow the VAC to run unattended.
2. Do not use with accessories other than those provided.
3. Do not use if the electric cable, plug, motor filter or the cleaner itself, is in poor condition.
4. Do not attempt any electrical repair yourself. Consult a qualified electrician, or our **Service Department on 020 8988 7400**
5. Do not pick up flammable or readily combustible material, hot ashes, coals, or use in the presence of explosive liquids or vapour.
6. Do not use in enclosed areas where flammable, explosive or toxic vapours are given off, by oil based paints, paint thinner, petrol etc.
7. Do not pick up burning cigarettes or other smoking substances.
8. When you have finished with the machine, ensure the electric cable is stowed away and not left as a hazard, i.e. for others to trip over.
9. Do not change filters, or carry out any cleaning or servicing, without first disconnecting the machine from the mains supply.
10. Do not pull the machine along by the electric cable, or pull the cable to disconnect the plug from the mains socket. Keep the electric cable away from heat, oil and sharp edges. Do not close doors on the cable, or allow it to become snagged under furniture or objects with sharp edges.
11. If this machine is used outdoors, on no account must it be exposed to rain. Ensure it is stored indoors.

## ELECTRICAL CONNECTIONS

This product is provided with a standard 13 amp, 230 volt (50Hz), BS 1363 plug, for connection to a standard, domestic electrical supply. Should the plug need changing at any time, ensure that a plug of identical specification is used.



**WARNING ! THIS APPLIANCE IS DOUBLE INSULATED**



*This machine must be wired up in accordance with the following colour code:*



**BLUE - NEUTRAL**

**BROWN - LIVE**



- Connect the BLUE coloured cord to the plug terminal marked "N"
- Connect the BROWN coloured cord to the plug terminal marked "L"

If this appliance is fitted with a plug which is moulded on to the electric cable (i.e. non-rewireable) please note:

1. The plug must be thrown away if it is cut from the electric cable. There is a danger of electric shock if it is subsequently inserted into a socket outlet.
2. Never use the plug without the fuse cover fitted.
3. Should you wish to replace a detachable fuse carrier, ensure that the correct replacement is used (as indicated by marking or colour code).
4. Replacement fuse covers can be obtained from your local dealer or most electrical stockists.



### Fuse Rating

The fuse in the plug must be replaced with one of the same rating (**13 amps**) and this replacement must be approved to BS1362.

If in doubt, consult a qualified electrician. Do not attempt any electrical repairs yourself.

### Cable Extension

Always use an approved cable extension suitable for the power rating of this tool (see specifications), the conductor size should also be at least the same size as that on the machine, or larger. When using a cable reel, always unwind the cable completely.

#### IMPORTANT:

**If a cable extension is needed, it is essential to comply with the following data.**

| Voltage | Extension length | Cable section      |
|---------|------------------|--------------------|
| 230v    | Up to 20m        | 2.5mm <sup>2</sup> |
| 230v    | From 20 to 50m   | 4mm <sup>2</sup>   |

## PRERARATION FOR USE

**Fig.1**

This is an illustration showing the CVAC20P, however all other models have similar components but may differ slightly in design.



1. Motor & Head section
2. Container
3. Flexible Hose
4. Extension Tube
5. Brush Adapter
6. Hose/Extension Tube Angle Adapter
7. Crevice Tool
8. Power Tool Adapter (CVAC30SSR only)
9. Casters
10. Cartridge Filter
11. Paper Dust bag.
12. Foam Filter (for water Pick-up Only)

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

For ease of mobility, all models are mounted on bases provided with castors. These are simply pushed into their mountings firmly.

## **THE FILTERS**

*NOTE: 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.*

Four filters are supplied with the machine.

1. All Models are provided with a Cartridge filter. This is the primary filter, and must be fitted over the filter cage, used for dry vacuuming ONLY.
2. The Paper Bag Filter is the secondary filter and should be used at all times for dry vacuuming ONLY.
3. The Foam filter. This is only used for picking up water, and replaces the Cartridge filter, and Paper Bag, during this operation.

**Cartridge filter**



**Paper Bag Filter**



**Foam Filter**



**IMPORTANT: This double filtering action not only ensures that the motor is kept dirt free, but is essential in ensuring that the cleanest air possible is exhausted, therefore preventing dust from being spread into the environment.**

## OPERATION

- Before plugging in to the mains 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.
- 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 unit will rise and eventually shut off suction. This is a safety feature to prevent water from coming into contact with electrical components.**

**Should suction cease, you will hear a more urgent sound from the motor. Switch OFF immediately and empty the tank, otherwise the motor could overheat.**

- Switch the machine ON and proceed to use as normal.

### **Dust Extraction - CVAC30SSR ONLY**

This machine is provided with a standard three pin auxiliary power take off. This allows the machine to be used as a dust extraction device for power tools, so that when the power tool is switched ON, the CVAC will automatically start. When the power tool is switched OFF, the CVAC will switch itself OFF after a short delay.

**NOTE: In the Dust extraction mode, the main ON/OFF switch AND the Power Take-Off switch must be switched ON. Switch ON the power take off switch first.**

Additionally, a rubber stepped adapter is provided which may be pushed into the dust extraction 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.

The cartridge filter is of paper construction and may not therefore be washed. It may be brushed clean and compressed air at low pressure may also be used if necessary. If either of the filters become holed or damaged in any way, they must be replaced.

Also ensure that 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 the efficient running and prolong the life of your machine.

## SPECIFICATIONS

|                                 | CVAC20SS           | CVAC25SS          | CVAC30SSR       |
|---------------------------------|--------------------|-------------------|-----------------|
| Motor - Power Rating .....      | 1.4kW .....        | 1.4kW .....       | 1.4kW .....     |
| Voltage .....                   | 230V 50Hz 1Ph ...  | 230V 50Hz 1Ph ... | 230V 50Hz 1Ph   |
| IP Rating .....                 | 24 .....           | 24 .....          | 24              |
| Insulation Rating .....         | E .....            | E .....           | E               |
| Duty Cycle .....                | S1 (Continuous) .. | S1 (Continuous) . | S1 (Continuous) |
| Tank Capacity - water .....     | 14Litres .....     | 19Litres .....    | 23Litres        |
| Dust Capacity .....             | 16Litres .....     | 21Litres .....    | 26Litres        |
| Max. Vacuum .....               | 15kPa .....        | 15.5kPa .....     | 16kPa           |
| Sound Pressure Level (at 2M) .. | 82dB(A) .....      | 82dB(A) .....     | 82dB(A)         |
| Power Cable Length .....        | 4M .....           | 4M .....          | 4M              |
| Dimensions (MM) .....           | 470X470X556 .....  | 470X470X630 ..... | 515x515x635     |
| Weight .....                    | 6.5kg .....        | 7kg .....         | 8.5kg           |
| Part No. ....                   | 6471105 .....      | 6471110 .....     | 6471120         |

## SPARE PARTS / ACCESSORIES

| Description                  | CVAC20SS     | CVAC25SS     | CVAC30SSR    |
|------------------------------|--------------|--------------|--------------|
|                              | Part No.     | Part No.     | Part No.     |
| Paper Dust bag               | HT90605      | HT90609      | HT90602      |
| Foam Filter                  | HT90503      | HT90503      | HT90503      |
| Cartridge Filter             | HT90501      | HT90501      | HT90501      |
| Casters                      | HTTVQTJC0400 | HTTVQTJC0400 | HTTVQTJC0400 |
| Flexible Hose 2.5M           | HT80819      | HT80819      | HT80819      |
| Angle Adapter (Hose to Tube) | HT80401      | HT80401      | HT80401      |
| Metallic Telescopic Tube     | HT80905      | HT80905      | HT80905      |
| Combi Brush Tool             | HT80701      | HT80701      | HT80701      |
| Crevice Tool                 | HT80707      | HT80707      | HT80707      |
| Power Tool Adapter           | -            | -            | HT80302      |