

Operating Instructions

PCV1 & PCV2

Light Industrial Vacuum Cleaner
for small boiler cleaning

Please read carefully before use

IMPORTANT USER INFORMATION

It is most important that this instruction book should be retained with the machine for future reference. Should the machine be sold or transferred to another user always ensure that the book is supplied with the machine in order that the new user can be acquainted with the functioning of the machine and the relevant warnings. These warnings are provided in the interest of safety. You must read them carefully before installing or using the machine.

WARNING/CAUTION

This machine is designed to be operated by adults only and is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.

This machine is not suitable for picking up high hazard health endangering dust.

This machine is not suitable for collecting radioactive dust.

This machine is for dry use only and shall not be used or stored outdoors in wet conditions.

Do not use this machine in the presence of flammable gases.

This vacuum cleaner must not be used to pick up glowing dust/particles or other ignition hazards.

This machine is suitable for light industrial applications.

Never leave this machine running unattended.

It is dangerous to alter the specification or modify the product in any way.

Remove the plug from the wall socket before attempting any form of user maintenance specified in the user instruction booklet.

Do not carry or drag your Vacuum Cleaner by the mains supply cable.

Do not tug at the mains supply cable to remove the plug from the wall socket.

Keep the mains supply cable away from heat, oil, sharp edges and rough surfaces.

Always ensure that the cable is not damaged in any way.

Dust bags and filters should be changed at regular intervals as stated in this instruction booklet.

Do not use this machine to suck up liquids or use on wet surfaces.

Do not use this machine for dry vacuuming with the filter or disposable bag removed.

When fitting and changing the accessories always follow the instructions in this user instruction booklet.

Under no circumstances should you attempt to repair this vacuum cleaner yourself. Repairs undertaken by unauthorised or inexperienced persons may cause injury and/or serious malfunctioning.

This machine should be serviced by authorised personnel and only genuine spare parts should be used.

Always replace the dustbag when full ensuring that the cloth filter is not blocked with dust.

When using this machine ensure that the correct accessories are used as stated in this instructions book.

ELECTRICAL INFORMATION

This vacuum cleaner has been designed for dry vacuum cleaning only and must not be used to pick up any liquids.

Cable & Plug

These Vacuum Cleaners are Class 1 earthed machines and have 5 metres of 3 core supply cable with a moulded on impact resistant 13amp 3 pin UK plug. The fuse fitted is approved and rated at 13amps. Only 13amps fuses must be used.

Should the moulded on plug be damaged please follow this procedure:

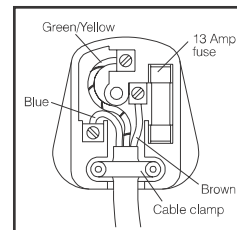
Switch off supply at socket, remove damaged plug from socket and cut plug off from the cable.

Make sure the damaged plug is disposed of immediately so as there is no chance of the damaged plug being used.

Fitting a Replacement Plug

Use only a 13amp approved plug. To fit proceed as follows:

- 1) Ensure that the lengths of wire to be fitted inside the plug have been cut to the correct length and the ends correctly prepared. When preparing the cable ends take care not to damage the outer sheath or the insulation surrounding the inner conductors.
- 2) Connect the blue (NEUTRAL) wire to the terminal in the plug which is marked with the letter "N".
- 3) Connect the brown (LIVE) wire to the terminal in the plug which is marked with the letter "L".
- 4) Connect the green/yellow (EARTH) wire to the terminal in the plug which is marked with the letter "E".
- 5) Tighten all screws. Ensure that all conductor strands have entered into the terminal posts and that the mains lead is securely held in place by the cable clamp.
- 6) Ensure that the plug is fitted with a 13amp approved fuse. Replace the top cover of the plug and secure.



Extension Cable

If using an extension cable always ensure that the insulation sheath is in good condition and is not damaged in any way. Make sure that the socket is fitted to the extension cable correctly – if in doubt have it checked by a qualified electrician. Always use the extension cable in accordance with the manufacturers instructions.

UNPACKING YOUR CLEANER

Unpack your cleaner and ensure that you have a complete set of accessories as listed below:

Qty	Description
1	25mm x 2.5m Antistatic Hose Assembly
1	32mm Antistatic Crevice Tool
1	32mm Brush for 32mm Crevice Tool
1	32mm Swivel Dusting Brush
1	PCV Paper Bag
2	Self Adhesive Sealing Discs for Paper Bag

Optional extras:

1	Flexiclean Nozzle & Brush
1	Antistatic Wristband & Yellow Coily Lead

GENERAL ASSEMBLY

1. Hose

Lift the flap at the right hand end of carrying case remove the stopper and insert either end of the suction hose into the suction end cap. The PCV hose is antistatic (conductive) to prevent any static build-up in the operator.

2. Accessories

Attach appropriate tool to the end of the hose.

3. Coily Lead & Wristband

Connect the coily lead to the earth stud by the switch and the wristband to the coily lead to dissipate any static build up in the user.

OPERATING INSTRUCTIONS

1. Connection to the Electricity Supply

Insert the mains plug into a suitable socket outlet and switch on. When you have finished cleaning switch off the supply at the outlet socket and unplug. When coiling the mains cable make sure that any twists or knots in the cable come out at the plug end. DO NOT coil cable from the plug end as all twists and knots remain in the cable and considerably shorten its life.

2. Cleaner Controls

The following controls are provided:

- The on/off switch is situated toward the rear of the casing. To switch the appliance on firmly press the raised portion of the rocker.
- The speed control is situated near to the on/off switch. It is used to control the suction power generated.

3. Carrying and Storing

The assembled cleaner should only be moved by the carrying handle. Do not attempt to lift or drag the machine by the mains lead. The cleaner must be stored indoors and in a dry environment.

4. Access to Paper Bag and Filter

- a) To remove the paper bag, unclip both clips. Ensure that the clips are hinged clear of the rim of the end cap. The paper bag is a push fit onto the end cap.
- b) Refitting the paper bag and end cap is the reverse of the above.

5. Cleaning Tools and Suggested Uses

Antistatic Crevice Nozzle:- Used to concentrate the suction power and reach into awkward places.

Antistatic Crevice Nozzle End Brush:- Fits onto the end of the Crevice Nozzle and used to dislodge dust & debris in difficult to reach places.

Swivel Dusting Brush:- A versatile brush with a multi-position elbow. Used for vacuum dusting vertical and horizontal flat and ribbed surfaces.

Flexiclean Nozzle & Brush:- A long, flexible nozzle and brush to reach deep into awkward places.

FILTRATION SYSTEM

This Vacuum Cleaner is fitted with 3 stages of filtration. All stages are on the negative pressure (Suction) side of the motor.

1st Stage

PCV Disposable Paper Bag

It is very important that a paper bag be used at all times, failure to do so could result in a blocked filter and over heating of the motor (leading to motor failure).

2nd Stage

Cloth Filter Bag

A high efficiency material filter. Specially designed material for use as a Vacuum Cleaner filter.

3rd Stage

PCV1 – PCV Microfilter Disc

(PCV1 only)

Designed to protect the motor in the event of a paper bag/cloth filter bag failure.

PCV2 – HEPA Filter

(PCV2 only)

The HEPA filter is pleated cartridge filter with a large surface area and high filtration efficiency to trap fine dust and particles.

LOSS OF SUCTION / THERMAL CUTOUT SWITCH

If your cleaner loses suction power first check that the hose and other accessories in use are not blocked. Then check that the filtration system is not blocked. The filtration system can be serviced as follows:

Disposable paper bags. These are not designed to be emptied. They must be disposed of when full. Use the self adhesive circular paper bag sealing disc to prevent the escape of any dust during disposal. Make sure the cloth filter bag is not contaminated with dust. If it is clean/empty out before fitting a replacement paper bag.

Cloth Filter Bag. This will become contaminated with dust during normal use. The dust must be removed either by brushing off or by vacuuming with another Vacuum Cleaner. It is advisable to have a spare filter so that one filter can be used in the machine and then the machine itself can be used to vacuum the dust off the contaminated spare filter.

Microfilter Disc (PCV1). This can only effectively be cleaned with a vacuum cleaner. Replace when heavily contaminated.

HEPA Filter (PCV2). When this filter is blocked it should be replaced with a new filter. There is no effective way to clean this filter.

If any of the filters or paper bags are damaged or holed they must be replaced with new items.

This vacuum cleaner is fitted with thermal cutout switch which automatically stops the motor if it overheats. This may be caused by a blocked hose, a full paper bag or a blocked filter. If your vacuum cleaner cuts out check for the above. The cutout switch will automatically reset itself when the motor temperature drops.

SERVICING & SPARES

Should your vacuum cleaner need any servicing, repair or spares please contact your nearest dealer

Please make a note of the model and serial number before contacting

GUARANTEE

products are guaranteed for 12 months against defective parts and workmanship. There are certain conditions that may invalidate this guarantee.

- a) This appliance must be correctly installed and used in accordance with these instructions.
- b) Servicing must be carried out by authorised personnel only.
- c) This guarantee does not cover misuse, fair wear & tear and unauthorised repair or modification.

may introduce modifications to their products from time to time and consequently the details given in this instruction book are subject to alteration without notice.

Protecting the environment



When this product has reached the end of its useful life it must not be disposed of with normal household waste.

For responsible recycling of this product please recycle through an authorised treatment facility.