

IV40 W or D

ORIGINAL INSTRUCTION MANUAL

For Wet or Dry Collection

READ THIS INSTRUCTION MANUAL BEFORE USING THIS APPLIANCE

SERIAL No:

(To be completed by user)



MODEL DESCRIPTION

PART NUMBER

IV40WorD 1.0kW 110v 1PH 50Hz

55 62468 12

IV40WorD 1.0kW 230v 1PH 50Hz

55 62468 22

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IMPORTANT USER INFORMATION

IMPORTANT - PLEASE READ THESE INSTRUCTIONS CAREFULLY



WARNING - OPERATORS SHALL BE ADEQUATELY INSTRUCTED ON THE USE OF THESE VACUUM CLEANERS.



This vacuum cleaner is a portable industrial vacuum cleaner designed for general dry or wet cleaning operations in non-hazard environments in commercial and industrial premises.

Use MODEL IV 45 W or D for dry or wet collection.

Use MODEL IV 45 D for dry collection.

CAUTION

This vacuum cleaner must not be used for the collection of highly hazardous dusts, flammable or explosive materials. Nor must it be used or stored outside in wet conditions, i.e. outside in the rain, swimming pools etc.

Hearing protection should be worn when operating or when in close proximity to the operating vacuum cleaner. A Risk Assessment should be undertaken to determine if further PPE is required due to the nature of the product being collected and the area in which vacuuming is taking place.

This machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.

PREPARATION FOR USE

Unpack and identify each item of equipment against the packing note.

Check that the details given on the rating plate are in accordance with your electricity supply.

ELECTRICAL SUPPLY

WARNING - THIS APPLIANCE MUST BE EARTHED

The electrical connections of these machines must be carried out by a competent electrician. The wires in the mains lead of this cleaner are coloured in accordance with the following:

1 Green & Yellow

2 Blue = Neutral (N)

3 Brown = Live (L)

As the colours in this mains lead may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green and yellow must be connected to the terminal which is coloured green and yellow or marked with the letter E or the Earth Symbol

The wire which is coloured blue must be connected to the terminal which is marked with the letter 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.

If the 230V model is fitted with a plug of the 13-amp type to BS 1363, a 13-amp fuse should be fitted (this recommendation applies to the UK only).

Electrical Connections for Earthed 110V Version

The wires in the mains lead are coloured as the above 230V version however the plugs differ:

If the 110V model is fitted with a 110V plug to BS196 a 10-amp fuse should be fitted.

If the 110V model is fitted with a 110V plug to BS4343 then the supply should be provided with a 16-amp protective device.

SPECIAL CONDITIONS FOR SAFE USE

Noise Emission

Sound Power level LwA 81dB(A) plus level of uncertainty KwA 2dB(A), Sound Pressure Level LpA 80dB(A) plus level of uncertainty KpA @ 1M free field conditions in accordance with 60335-2-69:2012 Annex EE Noise Test Code.

Weight (empty)

18kg machine only , 26Kg complete with trolley.

DO

1. Check the mains lead and plug for damage prior to use
2. Have a competent person, or return the machine to BVC for electrical safety checks at least once a year or more frequently if used in an arduous environment. (Please empty and clean the machine prior to return). Contact the BVC Service Department who will arrange collection.
3. In the event of an accident or breakdown, disconnect the Vacuum Cleaner from the supply by removing the plug from the supply socket and return to BVC for repair. (Please empty and clean the machine prior to return). Contact the BVC Service Department who will arrange collection.
4. Only use spare parts provided by BVC.
5. Regularly empty the container before it becomes too full and the pick-up effectiveness of the cleaner is reduced.
6. Clean the cloth filter bag frequently to maintain pick up effectiveness.
7. Keep trailing leads tidy, flat on the floor to avoid trip hazard.
8. Vacuum clean the motor cooling air inlet filters (annular slot at top of motor head) once a week or more often in very dusty atmospheres.
9. Tie back long hair and loose clothing when operating this vacuum cleaner.
10. Be careful when moving/operating on slopes as the unit may 'run away' when in use.

DO NOT

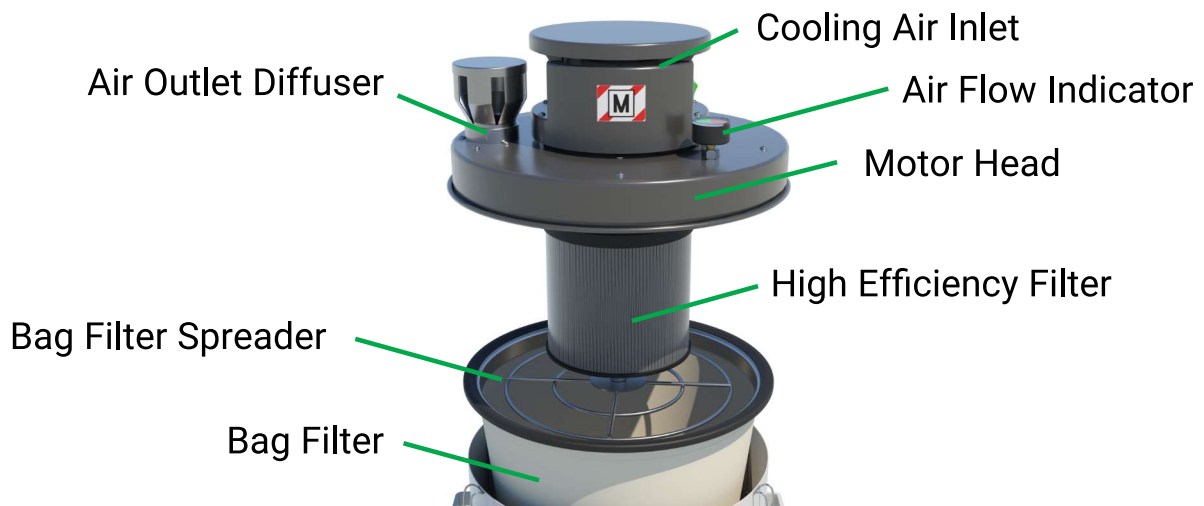
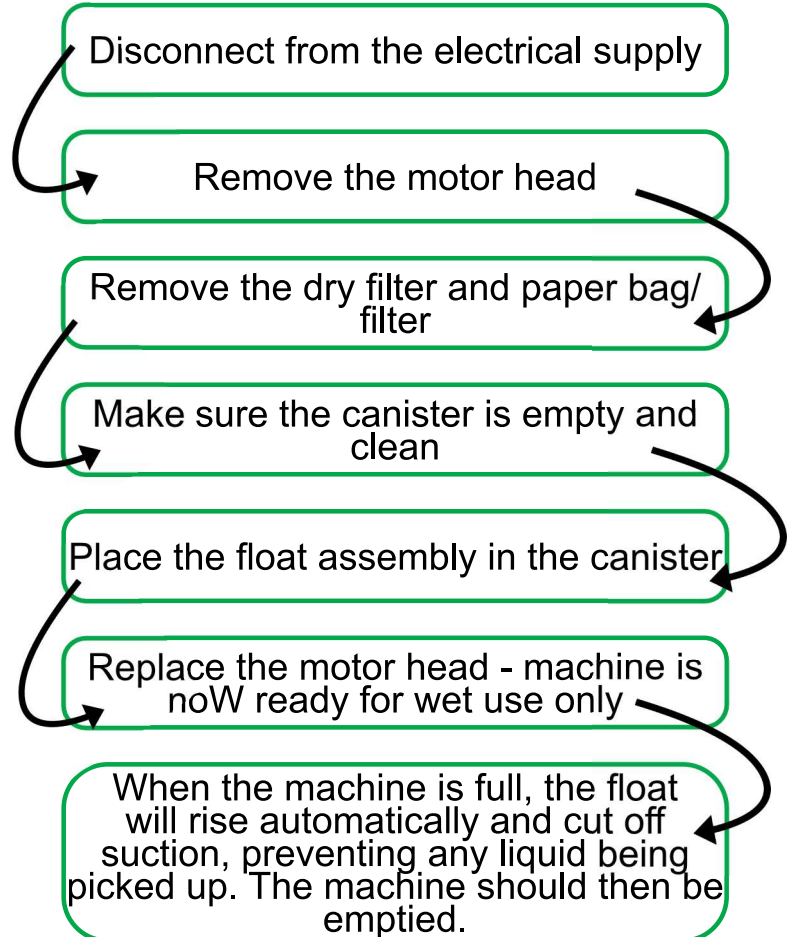
1. Pull the machine along by the mains lead.
2. Wrap the mains lead around the head as it may restrict the by pass cooling airflow causing the motor to overheat.
3. Cover the motor head as this could restrict cooling air and overheat the motor.
4. Use for the collection of highly hazardous dusts or flammable or explosive dusts.

SET UP FOR WET USE

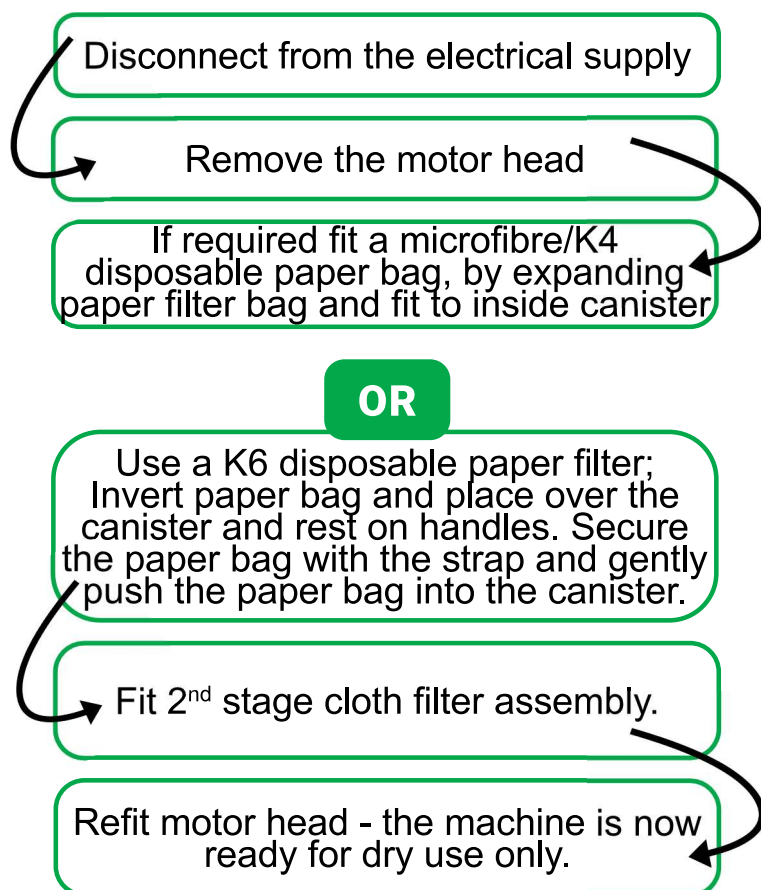
WARNING

Switch off and disconnect from the electrical supply before cleaning or emptying. During wet use, if foam or liquid comes from the exhaust, switch off immediately.

If liquid comes from the exhaust, foam is being generated in the canister, disconnect from the main supply. Remove the motor head from the canister and tip the liquid out from the exhaust vent until completely drained. Leave the vacuum motor head in a warm and dry environment for at least twelve hours before using it again.



SET UP FOR DRY USE



WARNING

When used for dry vacuuming, both stages of dry filtration **MUST** be used. Overheating and motor failure could occur if either the paper bag/paper filter or cloth filter assembly are not fitted.

NOTE:

A dry only machine must not be used for wet collection. It is not possible to convert a dry only machine to a wet or dry machine because it uses a different motor head.

CLEANING THE FILTERS:

1st Stage Paper Bag/ Paper Filter:

- ▶ Models using paper bags - paper bags cannot be emptied and must be replaced when full, torn or holed.
- ▶ Models using paper filters - paper filters can be used more than once provided they are not torn or holed.

2nd Stage Cloth filter on Frame:

- ▶ Brush dust off filter, or
- ▶ Vacuum dust off with another Vacuum Cleaner, or
- ▶ Brush clean and wash (Note: the filter must be dry before being refitted)

HOSES AND ACCESSORIES

The machine is supplied with hose(s) and accessories to the customers individual requirements from the BVC range. Contact BVC sales for information and advice if further items are required.

The working hose is a screw on fit to the inlet on the drum, tools and fittings fit onto the hose/together with a twist and push movement. Joints are separated by a twist and pull method. The machine must only be used when fitted with BVC tools and hoses.

SPARES - WE RECOMMEND STOCK LEVELS ARE RETAINED FOR THE FOLLOWING ITEMS:

DESCRIPTION	PART NUMBER	QUANTITY
MICROFIRE BAG	29 30024 20	5 OFF
K4 DISPOSABLE PAPER BAGS	29 30024 10 (OPTIONAL)	10 OFF
K6 PAPER FILTER	29 30012 90	10 OFF
Net Filter for Float Cage	29 30012 90	1 OFF

UKCA/EC DECLARATION OF CONFORMITY

(INDUSTRIAL VACUUM CLEANERS)

Manufacturer: - Quirepace Ltd, Pennant Park, Fareham, Hants, PO16 8XU

Authorised Representative: - Headlands Consulting Limited, Carrow Castle, Geevagh, Boyle, Co Roscommon, F52 FC89, Ireland

We QUIREPACE LTD DECLARE UNDER OUR SOLE RESPONSIBILITY THAT THE PRODUCT (S) DESCRIBED BELOW: -

IV40D	1kW 110V	1PH 50Hz	55 62468 12	Serial No	HA
IV40D	1kW 230V	1PH 50Hz	55 62468 22	Serial No	HB
IV40WORD	1kW 110V	1PH 50Hz	55 62468 11	Serial No	HC
IV40WORD	1kW 230V	1PH 50Hz	55 62468 21	Serial No	HD
IV40DH	1kW 110v	1PH 50Hz	55 65562 00	Serial No	HL
IV40DH	1kW 230v	1PH 50Hz	55 65563 00	Serial No	HK
IV40DM	1kW 110v	1PH 50Hz	55 65562 01	Serial No	HN
IV40DM	1kW 230v	1PH 50Hz	55 65563 01	Serial No	HM

UKCA Regulations:

Supply of Machinery (Safety) Regulations 2008

Electromagnetic Compatibility Regulations 2016

To which this declaration relates fulfil(s) the requirements of the following legislation and is/are in conformity with the listed standards:

BS EN 60335-1:2012+A15:2021

Household and similar electrical appliances.
Safety - General requirements.

BS EN 60335 - 2 - 69: 2012

Particular requirements, for wet and dry vacuum cleaners, including, power brush for industrial and commercial use.

BS EN 61000 - 6 - 4: 2019

Electromagnetic compatibility (EMC) - Generic standards.
Emission standard for industrial environments

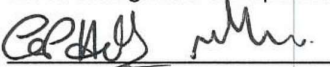
The product fulfils the following relevant provisions:

Machinery Directive

2006/42/EU

Electromagnetic Compatibility Directive

2014/30/EU



G Hall / M Brown

Senior Engineers



R Pescott

Managing Director

DATE 15/04/2024