

IV40 DM

ORIGINAL INSTRUCTION MANUAL

For Dry Collection Only

READ THIS INSTRUCTION MANUAL BEFORE USING THIS APPLIANCE

SERIAL No:

(To be completed by user)



MODEL DESCRIPTION

PART NUMBER

IV40DM 1.0kW 230v

55 65563 01

IV40DM 1.0kW 110v

55 65562 01

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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 BVC Vacuum Cleaner is designed to handle a wide range of cleaning and debris collection in industrial areas including medium hazard dusts such as wood dust and mineral dust when used with a Microporous Collection Bag with closure cap. The vacuum drum inlet is also fitted with a screwed closure cap so the inlet can be covered when not in use or during transport etc. to minimise dust escape.

The head is fitted with an indicator, this will indicate in the 'red' when the air velocity drops below 20M/s in the largest hose size, indicating reduced performance and that the collection bag may be full or filter bag/high efficiency filter may be blocked.

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 10-amp protective device.

SPECIAL CONDITIONS FOR SAFE USE

Noise Emission

Sound Power level LwA 91dB(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.

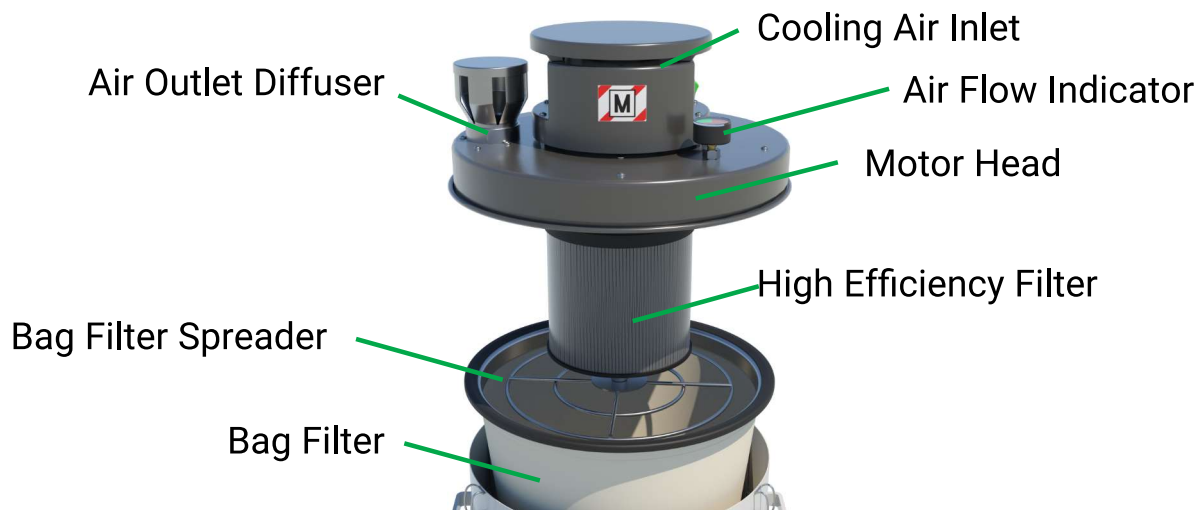
DO

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.

PREPARATION FOR USE



Check that the microporous collection bag is not full and change as required.

Remove and inspect the individual tools and hoses for debris/blockages. If there is a blockage in the hose that cannot be reached, it may be cleared by rodding.

Check that the inlet on the drum of the machine is not blocked.

Clean the external side of the bag filter with another vacuum cleaner with brush attachment, if the product being handled is a medium hazard the vacuum cleaner being used for the task must at a minimum meet this standard.

If the High Efficiency Filter is blocked, it must be replaced with a new. Remove the retaining nut, washer and bag spreader and the filter can be removed from the central stud.

Wipe the exterior of the vacuum cleaner with a lint free cloth.

Vacuum cleaner the motor cooling air inlet filters (annular slot on motor head) weekly or more regularly if used in very dusty atmospheres.



NORMAL USE - OPERATION

1 Position the vacuum adjacent to the area to be cleaned. Remove the cap and fit the hoses/tools applicable for the cleaning task to the inlet on the collection drum.

If the vacuum is supplied with a trolley, the drum is placed in the retaining ring of the trolley, with the inlet position over the castor wheel.

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3 When the cleaner is being used to collect medium hazard dusts it must be fitted with a microporous collection bag.

a Undo the clips on the drum which retain the head, lift the head off and lift the bag filter from within the drum and place to one side.

b Fit the bag by placing the bag opening over inlet spigot within the drum and push along the spigot into position 'near' the drum.

c Position the bag filter back onto the drum ensuring the seal is central on the lip of the drum. Then reinstate the vacuum head onto the drum.

Fully uncoil the electrical supply lead, placing it carefully flat on the floor to minimise the trip hazard. Then plug it into a suitable supply socket and switch on.

4

5 Hold the cleaning tool, switch the vacuum on via the switch on the vacuum cleaner head and proceed to clean the area as required.

When the area has been cleaned switch the machine off at the vacuum head.

6

7 Switch off the supply, remove the plug from the supply socket and coil the cable up neatly. Remove the cleaning hose and tools

When the microporous bag is full the vacuum indicator will be operating in the red section with reduced performance. Remove the vacuum head as in 2 above, carefully remove the bag opening from the inlet spigot and apply the bag closure lid to seal the bag opening. Dispose of the full bag in accordance with local authority regulations.

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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
FILTER BAG (CLOTH)	55 56224 01	2 OFF
HIGH EFFICIENCY FILTER	55 61796 02	1 OFF
K4 MICROPOROUS BAG	29 30024 20	10 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



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Managing Director

DATE 15/04/2024