

IV60MH

ORIGINAL INSTRUCTION MANUAL

READ THIS INSTRUCTION MANUAL BEFORE USING THIS APPLIANCE

SERIAL No:

(To be completed by user)



TABLE OF CONTENTS

USER INFORMATION

03

NORMAL USE

04

DO & DO NOT

05

CARE & CLEANING

06

ELECTRICAL SUPPLY

07

SPARES

08

DECLARATION

09

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 High hazard dusts such as carcinogenic dusts and dusts contaminated with carcinogens and or pathogens when used with a Microporous Collection Bag with closure cap. The vacuum drum inlet is also fitted with a closure plug 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 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.

NORMAL USE

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1. Position the vacuum cleaner adjacent to the area to be cleaned, remove the closure plug and fit the hoses/tools applicable for the cleaning task.
2. When the cleaner is being used to collect high hazard dusts it must be fitted with all supplied filters.
3. Undo the fixings on the drum which retain the lid, lift the lid off and place to one side.
4. Fit the bag by placing the bag opening through the bag support and spread the opening outwards.
5. Position the bag support back into the drum.
6. Reinstall the lid, ensuring the foam seal is holding the bag in place, the drum and replace fixings.
7. Fully uncoil the electrical supply lead placing it carefully flat on the floor to minimise the trip hazard then plug into the supply socket and switch on.
8. Hold the cleaning tool, switch the vacuum on via the switch on the vacuum cleaner head and proceed to clean the area as required.
9. When the area has been cleaned switch the machine off at the vacuum head.
10. Switch off the supply, remove the plug from the supply socket and coil the cable up neatly.
11. Remove the cleaning hose and tools and put the inlet cover in place.
12. When the microporous bag is full the vacuum indicator will be operating in the red section with reduced performance.
13. Remove the vacuum head, carefully remove the bag opening from the inlet spigot and apply the bag closure lid to seal the bag opening.
14. Dispose of the full bag in accordance with local authority regulations.

DO & DO NOT

DO

1. Check the mains lead and plug for damage prior to use.
2. Have a Competent Person check for electrical safety at least once a year or more frequently if used in an arduous environment.
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 contact BVC for repair. (Please empty and clean the machine). Contact the BVC Service Department who will arrange a suitable company for collection.
4. Only use spare parts provided by BVC.
5. Always use a microporous collection bag when collecting medium or low hazardous dusts
6. Regularly empty the container before it becomes too full and the pick-up effectiveness of the cleaner is reduced.
7. clean the cloth filter bag frequently to maintain pick-up effectiveness.
8. Keep trailing leads tidy, flat on the floor to avoid a trip hazard.
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 flammable or explosive dusts.
5. Use for the collection of low or medium hazardous dusts without a microporous bag.

CARE AND CLEANING

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NOTE: Dependant on the product being handled it will be necessary to wear PPE RPE when carrying out care and cleaning tasks.

1. Isolate the Vacuum Cleaner from the supply by removing the plug from the supply socket BEFORE completing any care or cleaning task.
2. If the Vacuum Cleaner is blocked and not picking up product switch the machine off and isolate from the supply
3. Check that the paper collection bag is not full and change as required as detailed above in Normal Use.
4. Remove and inspect the individual tools and hoses for debris/ blockages, if any are found they can be cleaned out manually, if there is a blockage in a hose that cannot be reached it may be cleared by rodding.
5. Check that the inlet on the drum of the machine is not blocked.
6. Clean the external side of the Bag Filter with another vacuum cleaner with brush attachment, if the product being handled is a high hazard the vacuum cleaner being used for the task must as a minimum meet this standard.
7. The High Efficiency Filter is not maintainable if this is blocked it must be replaced with new.
8. Wipe the exterior of the vacuum cleaner with a lint free cloth or treated with a sealant before removal from the hazardous area.

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)

The machine is fitted with a 4 core cable, 3 cores (one for each phase) and 1 core for earth.

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

Electrical Connections for Earthed 110V Version:

If the 110V model is fitted with a 110V plug to BS4343 then the supply should be provided with a 10-amp protective device.

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 taper 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.

NOISE EMISSION

Sound Power level LwA XXdB(A) plus level of uncertainty Kwa 2dB(A), Sound Pressure Level LpA 82dB(A) plus level of uncertainty KpA @ 1M free field conditions in accordance with 60335-2-69:2012 Annex EE Noise Test Code.

WEIGHT (EMPTY)

108kg.

SPARES - We recommend stocks are retained of the following:

DESCRIPTION	PART NUMBER	QUANTITY
Paper Bag 405W865L	53 34937 01	10
Filter Bag Poly Needle Felt	55 15359 00	01
High Efficiency Filter	55 62369 01	01



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Conveying Technology

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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: -

IV60LF	0.75kW 110V 1PH 50Hz	55 64020 00	Serial No:	DAL
IV60LF	1.1 kW 110V 1PH 50Hz	55 64021 00	Serial No:	DBL
IV60LF	1.1 kW 230V 1PH 50Hz	55 64022 00	Serial No:	DCL
IV60LF	1.1 kW 415V 3PH 50Hz	55 64023 00	Serial No:	DDL
IV60LF	2.2 kW 415V 3PH 50Hz	55 64024 00	Serial No:	DEL
IV60LF	2X1 kW 110V 1PH 50Hz	55 64025 00	Serial No:	DFL
IV60LF	2X1 kW 230V 1PH 50Hz	55 64026 00	Serial No:	DGL
IV60SFA	0.75kW 110V 1PH 50Hz	55 64030 00	Serial No:	DAS
IV60SFA	1.1kW 110V 1PH 50Hz	55 64031 00	Serial No:	DBS
IV60SFA	1.1kW 230V 1PH 50Hz	55 64032 00	Serial No:	DCS
IV60SFA	1.1kW 415V 3PH 50Hz	55 64033 00	Serial No:	DDS
IV60SFA	2.2kW 415V 3PH 50Hz	55 64034 00	Serial No:	DES
IV60SFA	2X1kW 110V 1PH 50Hz	55 64035 00	Serial No:	DFS
IV60SFA	2X1kW 230V 1PH 50Hz	55 64036 00	Serial No:	DGS
IV60SFAH	2X1kW 110V 1PH 50Hz	55 64098 00	Serial No:	DHS
IV60SFAH	2X1kW 230V 1PH 50Hz	55 64240 00	Serial No:	DJS
IV60SFAM	2X1kW 110V 1PH 50Hz	55 65706 01	Serial No:	DMS
IV60SFAM	2X1kW 230V 1PH 50Hz	55 65706 02	Serial No:	DNS

UKCA Regulations:

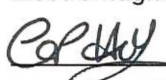
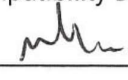

Supply of Machinery (Safety) Regulations 2008
Electromagnetic Compatibility Regulations 2016

To which this declaration relates fulfil(s) the requirements of the following legislation and is/are in conformance 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