

IV60

ORIGINAL INSTRUCTION MANUAL

READ THIS INSTRUCTION MANUAL BEFORE USING THIS APPLIANCE

SERIAL No:

(To be completed by user)



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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 Heavy Duty Vacuum Cleaner is designed to handle a wide range of cleaning and debris collection operations in industrial areas

NOISE EMISSION 76.6 dB(A) @ 1m

CAUTION

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

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.

HOSES AND ACCESSORIES

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

Tools and hose fit together using a twist and thrust movement, joints are separated by a twist and pull movement.

CLOTH BAG COLLECTION. DRY PICK UP ONLY.

1. Insert cloth bag into collection drum.
2. Fit filter head onto collection drum.
3. Tighten clamps and fit collection hose.

PAPER BAG COLLECTION. DRY PICK UP ONLY.

1. Insert paper bag into collection drum gathering bag top together.
2. Fit bag; spread and pull top of paper bag through hole in bag spreader and fold down bag top.
3. With foam ring fitted to filter head spigot, fit filter head onto collection drum.
4. Ensure spigot enters paper bag.
5. Tighten clamps and fit collection hose.

EQUIPMENT FOR WET PICK UP.

1. Fit bucket into filter bag.
2. Fit head onto collection drum.
3. Tighten clamps and connect collection hose.

WET PICK UP ONLY

The vacuum cleaner contains a float valve that automatically closes when liquid reaches a predetermined level in the tank. This is indicated by a change in sound of the vacuum cleaner and cessation of pick-up. The cleaner should be turned off when the float valve operates.

Check the float valve is clean and free to operate prior to use for wet pick-up.

CAUTION

The vacuum cleaner should be switched off immediately if foam or liquid is discharged.

CARE AND MAINTENANCE

ALWAYS DISCONNECT MACHINE FROM ELECTRICAL SUPPLY PRIOR TO CARRYING OUR MAINTENANCE.

BEARINGS

1. The BVC exhauster has sealed bearings which require no maintenance.
2. The drive end bearing should be inspected every six months for excessive play.

BELTS

1. Slacken motor support, lightly tension the belt so that any sag is removed, ensuring the ribs are a snug fit in pulley groves.
2. Mark two lines on back of belt 200mm apart;
3. Tension the belt carefully rotating drive slowly until distance between two lines has increased by 1.0mm (i.e. 0.5% increase);
4. Ensure platform adjustment is fully locked: check belt frequently in first 24 hours operation, re-adjust if necessary.
5. If belt will not run true, the pulley shafts are either twisted in relation to one another or not parallel to one another.
6. Ensure that the driving and driven shafts are parallel and that the pulleys are aligned by using a straight edge and adjusting the motor position accordingly.
7. Always ensure that the motor is secured in position when adjustments are completed.

DO

1. Check the mains lead and plug frequently for damage.
2. 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. Only use spare parts provided by BVC.
4. Empty the cleaner before it becomes too full and the pick-up effectiveness of the cleaner is reduced.

DO NOT

1. Don't pull the machine along by the mains lead.

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

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.

The electrical connections of this machine must be carried out by a competent electrician.

As this machine is an earthed appliance it must be fitted with a cable having an earth core and therefore must be connected to a 4-pin plug.

When wired to the mains plug, but before use, the rotation of the exhauster must be checked. Switch on momentarily and check that rotation is correct as shown by the arrow. If the direction of rotation is incorrect, interchange any two of the phase connectors in the plug.

HEPA FILTER

(In case the machine is provided with this filter)

A good rule is to replace the HEPA filter every six months.

For normal vacuum cleaning duties however, the degree of deterioration of this filter can be checked visually and if a layer of dust is found within the folds, the element must be changed.

The filter element is manufactured of special material which is absorbent and therefore should not be exposed to wet conditions.

FILTRATION OPTIONS

The filter head can be configured in various ways to suite the material being collected. The options are:

1. Cloth bag collection. Dry pick up only
2. Paper bag collection. Dry pick up only
3. Equipment for wet pick up.

SPARES - We recommend stocks are retained of the following:

DESCRIPTION	PART NUMBER
Belt	01 87140 00
For Machines With HEPA Filter:	
Paper Bag	53 34937 01
Cloth Bag	55 15359 00
HEPA Filter	55 62369 01
For Machines Without Hepa Filters	
Paper Bag	53 34937 02
Cloth Bag	55 20341 01

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

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Managing Director

DATE 15/04/2024