

ORIGINAL INSTRUCTION MANUAL

For

INDUSTRIAL VACUUM CLEANER (Retain for future reference)



Model IVSD14

For Dry Collection

400V, 3ph 50Hz, 0.75 or 1.1KW

Serial No.....

(To be completed by user)

**READ THIS INSTRUCTION MANUAL
BEFORE USING THE APPLIANCE**

We reserve the right to change the design without notice

IMPORTANT

PLEASE READ THESE INSTRUCTIONS CAREFULLY

This BVC Medium Duty Vacuum Unit is designed to handle a wide range of dry cleaning and debris collection operations in industrial areas.

WARNING Operators shall be adequately instructed on the use of these Vacuum Cleaners

Caution

This vacuum cleaner must not be used for the collection of health endangering, 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.

IMPORTANT – THIS APPLIANCE MUST BE EARTHED

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

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

When wired to the plug/supply, but before use, the rotation of the exhauster must be checked. Switch on momentarily and check the rotation shown by the arrow. If the direction of rotation is incorrect, interchange any two of the phase connections.

Ensure all 3 phase sockets are wired to maintain correct direction of rotation.

For machines supplied without starters a contactor with a thermal trip must be fitted into the supply circuit

FILTRATION OPTIONS

The filter head can be configured in various ways to suite the material being collected. Consult BVC for guidance. The options are:-

- 1) Cloth bag collection. Dry pick up only
- 2) Paper bag collection. Dry pick up only.

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.

NORMAL USE

- 1) Cloth bag collection. Dry pick up only.
 - a) Remove filter head from collection drum
 - b) Insert cloth bag into collection drum
 - c) Fit filter head onto collection drum
 - d) Tighten clamps and fit collection hose.

- 2) Paper bag collection. Dry pick up only.
 - a) Remove filter head from collection drum.
 - b) Insert paper bag into collection drum gathering bag top together.
 - c) Fit bag spreader and pull top of paper bag through hole in bag spreader and fold down bag top evenly.
 - d) With foam ring fitted to filter head spigot, fit filter head onto collection drum. Ensure spigot enters paper bag.
 - e) Tighten clamps and fit collection hose.

Noise Emission

Sound Power level LwA 85dB(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)

50kg machine only.

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. Empty the cleaner before it becomes too full and the pick-up effectiveness of the cleaner is reduced.
4. 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.
5. Only use spare parts provided by BVC.

Do Not

1. Use for the collection of flammable or explosive dusts.

CARE AND MAINTENANCE

Always disconnect machine from electrical supply prior to carrying out maintenance.

Bearings - the BVC exhauster has pre-greased bearings which require little maintenance. The non drive end bearing is sealed and will need no maintenance. The drive end bearing should be inspected every six months for excessive play.

Belts - Slacken motor support, lightly tension the belt so that any sag is removed, ensuring the ribs are a snug fit in pulley groves; mark two lines on back of belt 200mm apart; tension the belt carefully rotating drive slowly until distance between two lines has increased by 1.0mm (i.e. 0.5% increase); ensure platform adjustment is fully locked.

Re-check belts after 24 hours if a new belt is fitted.

To avoid excessive belt wear

- | | | |
|-------------|----|------------------------------|
| ENSURE THAT | 1) | Pulleys are not offset. |
| | 2) | Shafts are parallel. |
| | 3) | Shafts are in the same plane |

When complete tighten motor holding down bolts.

SPARES

We recommend that stocks are retained of the following:

	Part No.
POLY V BELT YP3 (0.75 or 1.1kW unit)	01 87140 00
Cloth FILTER BAG (If collecting into cloth bag) or	55 50418 00
FILTER CLOTH ASSY 170DX280L	55 05805 01
Paper Bag 150WX280 (If collecting into paper bag)	53 53101 00

EC DECLARATION OF CONFORMITY



Innovation in Vacuum and
Conveying Technology

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UK/EC DECLARATION OF CONFORMITY

Quirepace Ltd. Declare under our sole responsibility that the industrial vacuum cleaners described below :-

Part Number	Model Description		
55 57381 66	IVSD14 0.75KW 110V 1PH 50HZ	Serial No	
55 57381 65	IVSD14 0.75KW 230V 1PH 50HZ	Serial No	
55 57381 61	IVSD14 0.75KW 400V 3PH 50HZ	Serial No	
55 57381 85	IVSD14 1.1KW 230V 1PH 50HZ	Serial No	
55 57381 81	IVSD14 1.1KW 400V 3PH 50HZ	Serial No	

fulfil all the relevant provisions of Directive 2006/42/EC, 2014/35/EC and 2014/30/EU and use standard EN 60335-2-69.

The technical file may be obtained by national authorities on reasoned request to the above address.



R Pescott

Operations and Engineering Director.



L Jury

Managing Director

DATE 7-7-21