

TS60 M

# ORIGINAL INSTRUCTION MANUAL

For Wet and Dry Collection

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 Vacuum Cleaner is designed to handle a wide range of cleaning and debris collection in industrial areas. It is provided with individually switched motors to enable the operator to select the performance suitable for the task.

It is fitted with an indicator lamp, when the air velocity drops below 20m/s in the largest hose size (with all motors operating) it indicates that the filters are becoming blinded and require cleaning down / attention.

It should always be used with a Micro-Fibre bag with closure cap to allow safe collection of dust. The collection drum is fitted with a closure cap so that the inlet can be covered when in transport etc. to minimise dust escape.

## CAUTION

This vacuum cleaner must not be used for the collection of high hazard dusts; it is designed as an 'M' Class Machine (medium class hazardous dust). It should not be used with flammable or explosive materials. It is not to 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.

# 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

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**2** Blue = Neutral (N)

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**3** Brown = Live (L)

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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 110v model is fitted with a 110v plug to BS196 a 30-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 32-amp protective device.

1. The motors on this vacuum cleaner have individual switches. It is recommended that these are set to the off position when switching on at the mains and then switched on one at a time to reduce high starting currents.
2. When the cleaner is being used with 'M' Class (Medium Hazard) dusts it must be used with a Micro-porous bag in place. Fit the bag by placing the opening over the inlet spigot within the drum and push along the spigot to a position 'near' the inside face of the drum. Remove the bag by pushing the opening off of the inlet spigot, a closure plate is provided on the bag which should then be shut to minimise dust release.
3. Collection drum removal and fitting, ensure the transport locking device is fully open:

To lower the drum, stand behind the cleaner, push the main handle down slightly to reduce the pressure on the latch mechanism, pull the latch handle towards the main handle to release. The main handle will rise and the drum will descend to the ground. The drum can now be rolled away from the cleaner on its own castors.

To replace the drum ensure the main handle is fully raised, with the "rear handle" on the centre line facing the machine push the drum back against the support pins and raise it by pulling the handle down until it engages under the latch.

## HOSES AND ACCESSORIES

The 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.

# DO & DO NOT

## 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 if the pick-up effectiveness of the cleaner is reduced.
5. Clean the filter sleeves frequently to maintain pick-up effectiveness.
6. Always use Micro-Porous collection bags when collecting medium hazard dusts.

## DO NOT

1. Pull the machine along by the mains lead.
2. Use for the collection of High Hazardous dusts.
3. Use for the collection of Medium or Light Hazardous dusts without the correct collection bag.
4. Use with flammable or explosive dusts.

# FILTER CLEANING

1. The Clear Flow filter may be cleaned on the machine by switching the machine off, operating the filter shaker approximately 10 times and allowing the dust to settle
2. NOTE RPE may be required. The Clear Flow filter may be periodically removed for cleaning if required by brushing/ vacuum cleaning. This should be carried out as follows:
  - a. Electrically isolate the machine prior to maintenance.
  - b. Operate shaker 10 times and allow dust to settle
  - c. Access to the clear flow filter is by removing the motor head and extension piece, which is held in position by two toggle clips.
3. No maintenance can be carried out on the HEPA filter other than replacement.
4. If replacing the HEPA filter ensure the supports are fitted as shown in the diagram above.

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

DESCRIPTION	PART NUMBER	QUANTITY
CLOTH FILTER BAG	55 63170 00	1
DRUM SEAL	01 67242 00	1.5 mtrs
HEPA FILTER	55 630053 00	1
PLASTIC BAG	01 67244 00	10
Clear Flow Filter Sleeves	53 63154 00	16 OFF



## UK/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: -

TS60CFAM 3X1kW 230V 1PH 50Hz	55 64048 00	Serial No	CC
TS60CFAM 3X0.9kW 110V 1PH 50Hz	55 64049 00	Serial No	CA
TS60SF 2X0.9kW 110V 1PH 50Hz	55 64050 00	Serial No	CA
TS60SF 3X0.9kW 110V 1PH 50Hz	55 64051 00	Serial No	CB
TS60SF 3X1kW 230V 1PH 50Hz	55 64052 00	Serial No	CC
TS60SFA 2X0.9kW 110V 1PH 50Hz	55 64053 00	Serial No	CA
TS60SFA 3X0.9kW 110V 1PH 50Hz	55 64054 00	Serial No	CB
TS60SFA 3X1kW 230V 1PH 50Hz	55 64055 00	Serial No	CC
TS60CF 2X0.9kW 110V 1PH 50Hz	55 64056 00	Serial No	CA
TS60CF 3X0.9kW 110V 1PH 50Hz	55 64057 00	Serial No	CB
TS60CF 3X1kW 230V 1PH 50Hz	55 64058 00	Serial No	CC
TS60CFA 2X0.9kW 110V 1PH 50Hz	55 64059 00	Serial No	CA
TS60CFA 3X0.9kW 110V 1PH 50Hz	55 64060 00	Serial No	CB
TS60CFA 3X1kW 230V 1PH 50Hz	55 64061 00	Serial No	CC
TS60CF 3X0.9kW 110V 1PH 50Hz (SPE)	55 65689 00	Serial No	CB
TS60CF 3X1kW 230V 1PH 50Hz (SPE)	55 65690 00	Serial No	CC

To which this declaration relates is/are in Conformity with the following Standards or other normative documents: -

<b>BS EN 60335-1:2012+A15:2021</b>	Household and similar electrical appliances. Safety - General requirements.
<b>BS EN 60335 - 2 - 69: 2012</b>	Particular requirements, for wet and dry vacuum cleaners, including, power brush for industrial and commercial use.
<b>BS EN 61000 - 6 - 4: 2019</b>	Electromagnetic compatibility (EMC) - Generic standards. Emission standard for industrial environments

Following the provisions of the directives: -

Machinery Directive	2006/42/EU	Electromagnetic Compatibility Directive	2014/30/EU
Low Voltage Directive	2014/35/EU		

  
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DATE 22/03/2023