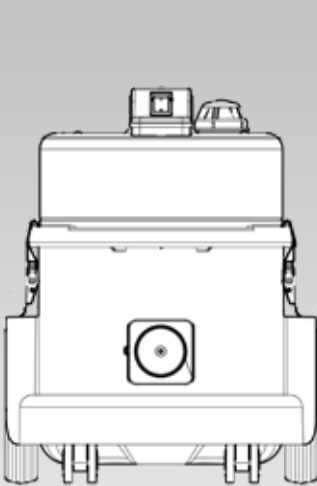


**PLEASE READ
BEFORE COMMENCING
OPERATION**

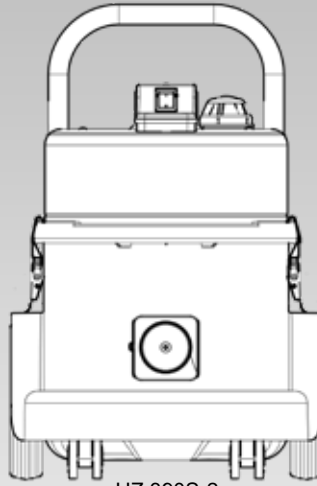


This machine is suitable for DRY use only.

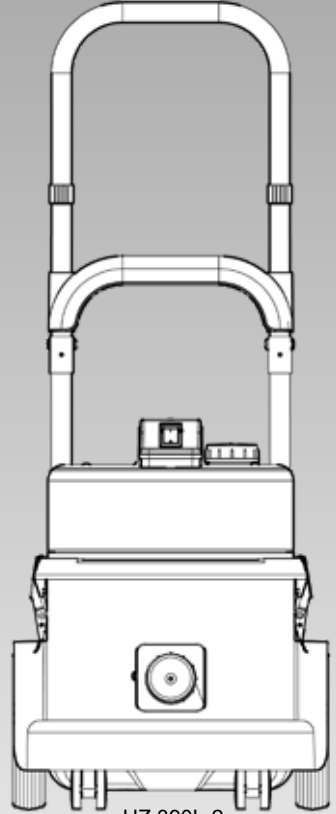
Make sure that the filtration system fitted to the machine is suitable for the material being collected.



HZ 370-2



HZ 390S-2



HZ 390L-2



Owner Instructions

CAUTION Read the Instructions before using the machine.

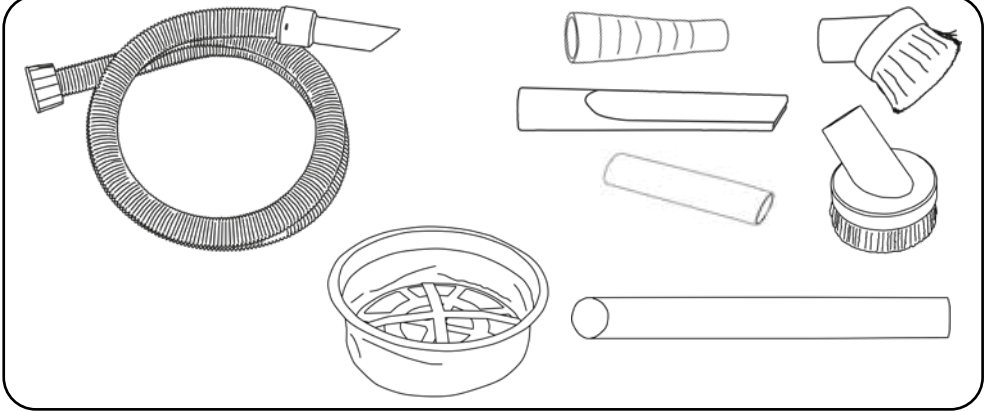
HZ 370-2 / HZ 390S-2 / HZ 390L-2

(Kit AA18)



www.numatic.co.uk

Kit AA18



601101 2.4 NuFlex Threaded Hose

218016 NVM-2BH HEPAFLO filter bags

601142 240mm Crevice tool

602159 38 / 32mm Adaptor

604165 TriTex filter for 305mm machines

601144 65mm Soft dusting brush

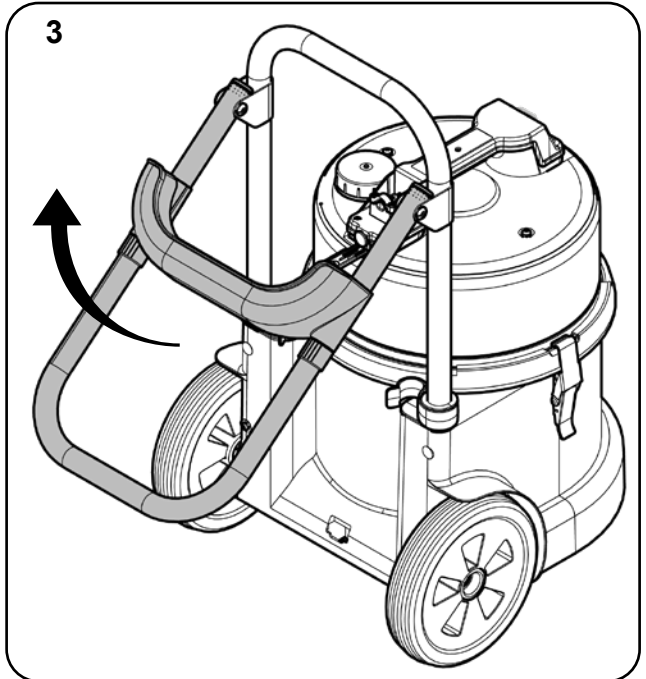
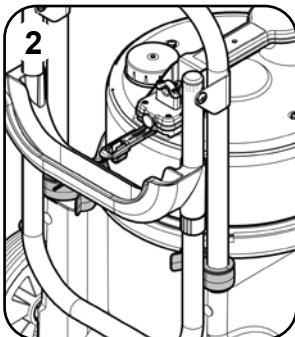
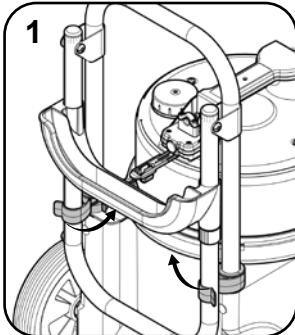
908229 Roll of 10x 120 litre waste bags, grey

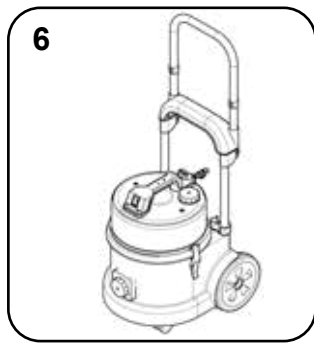
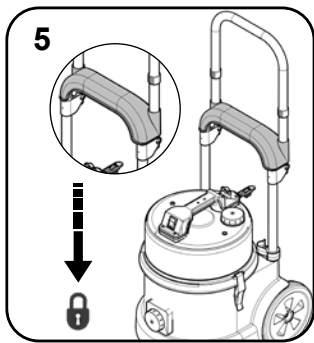
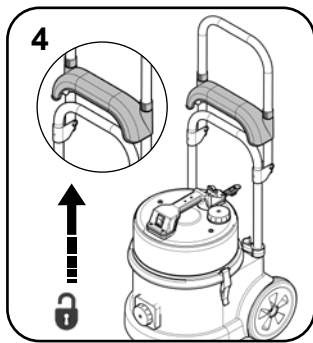
601141 Double taper hose / tool adaptor

601917 280mm Stainless steel gulper / scraper tool

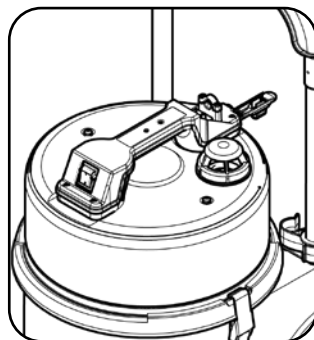
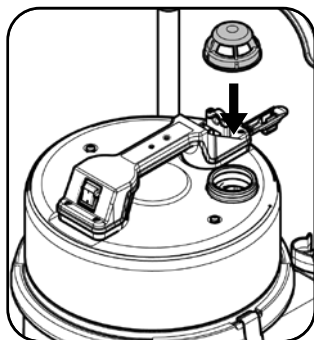
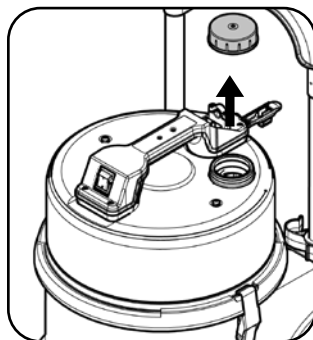
602161 152mm Rubber brush with soft bristles (38mm)

Handle Assembly

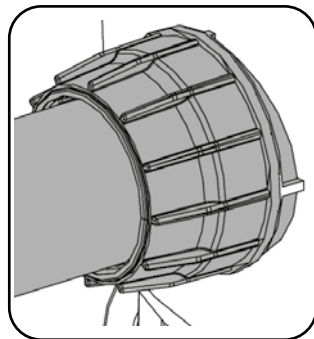
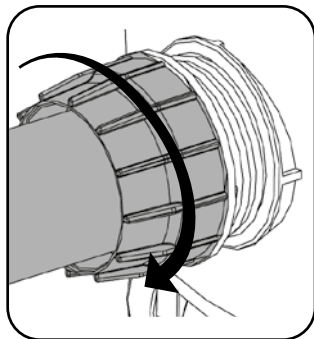
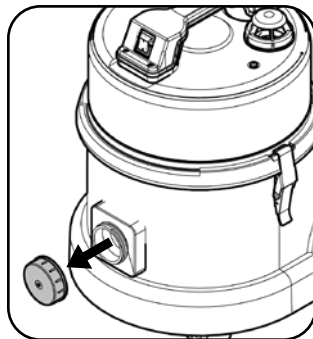




Air Diffuser

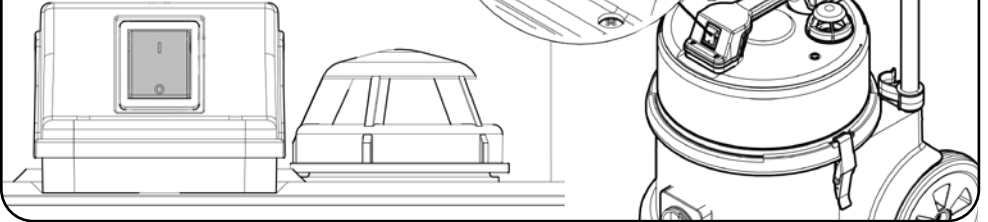


Hose

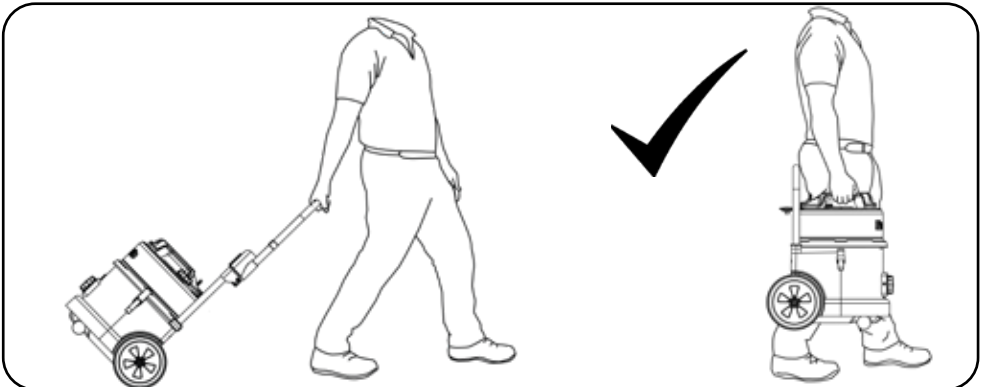
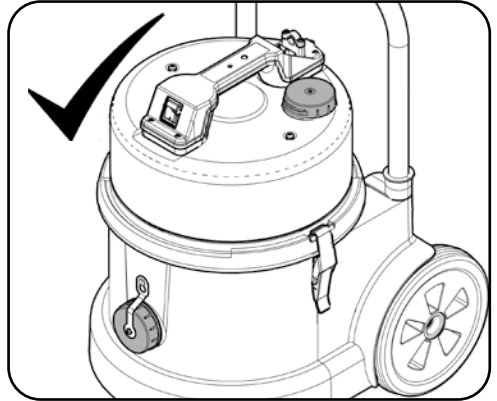
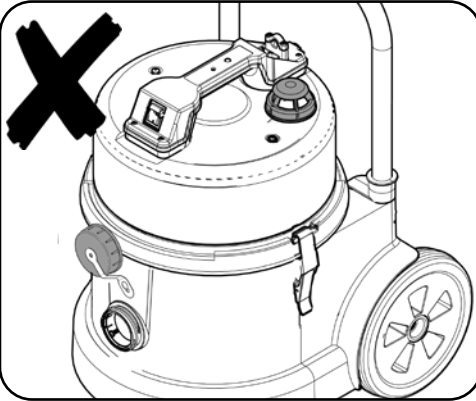


Machine Function

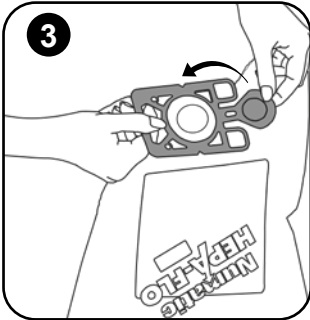
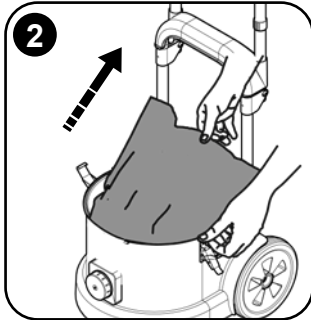
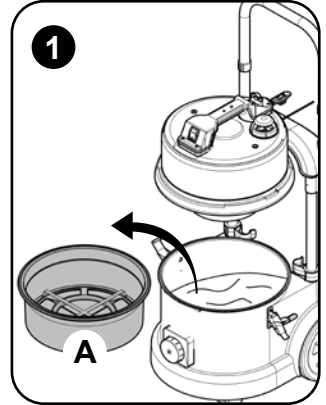
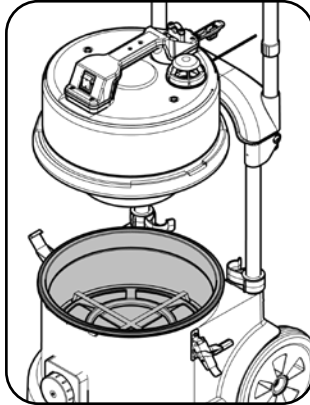
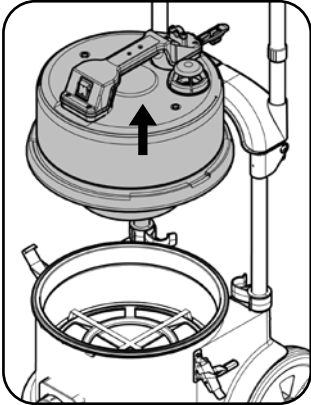
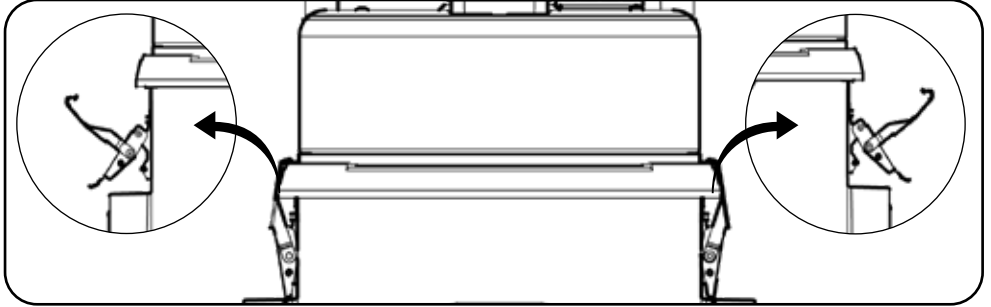
I On
-
0 Off



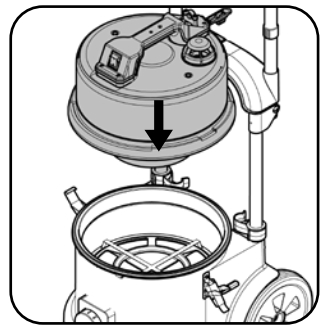
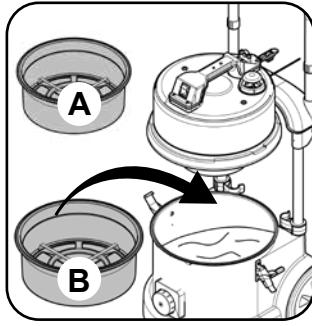
Moving your Machine



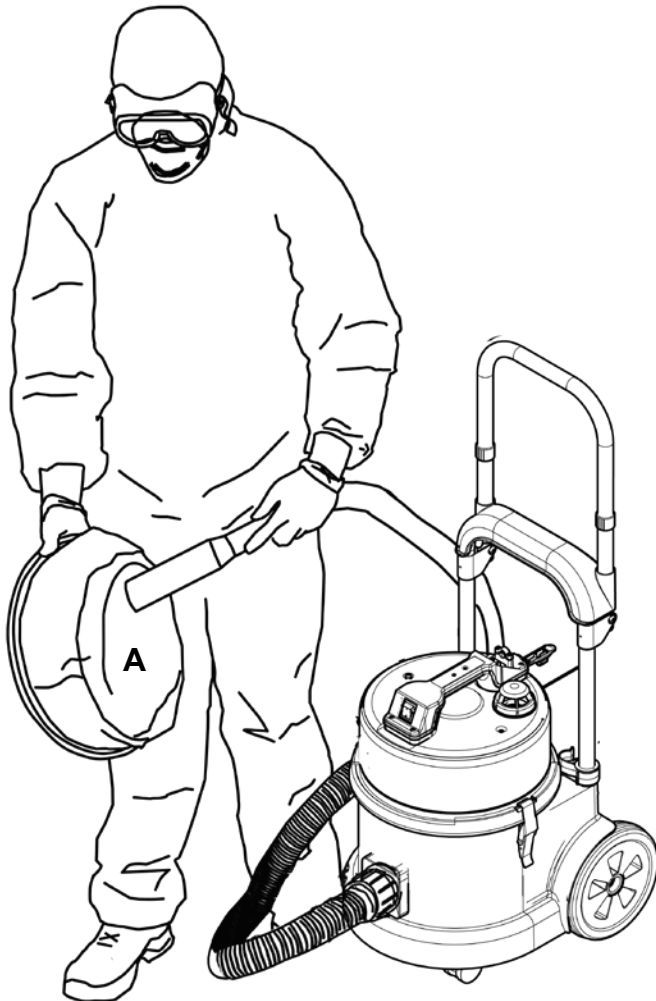
Changing the bag, cleaning the filter



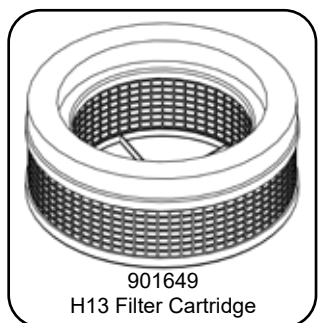
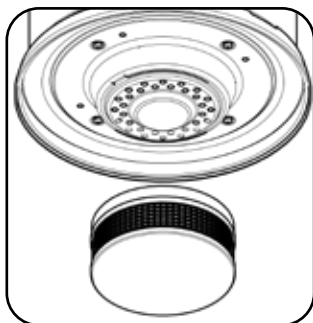
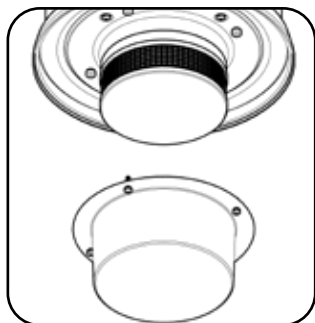
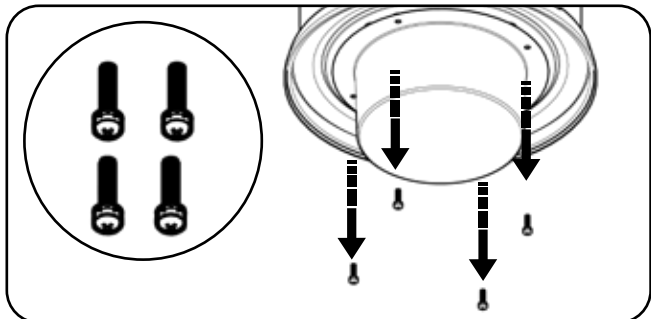
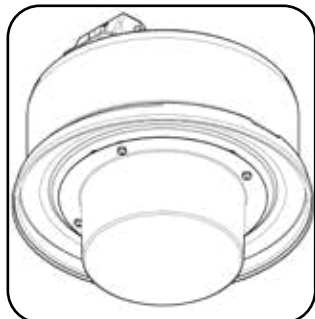
1. Remove the cloth filter (A) from the drum.
2. Remove the HEPAFLO dust bag and seal the dust bag hole.
3. Place the dust bag inside an impervious plastic bag and seal the bag.
4. Dispose of the plastic bag, depending on contamination, in an appropriate manner.



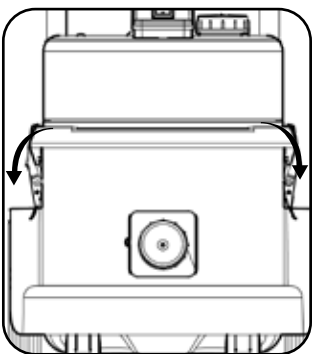
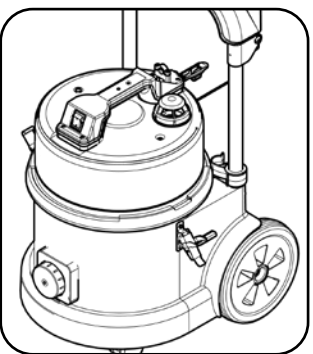
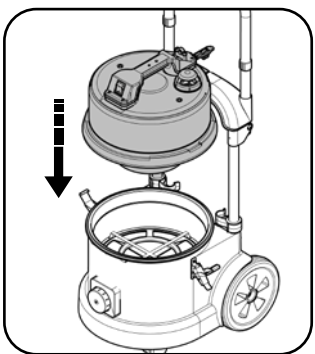
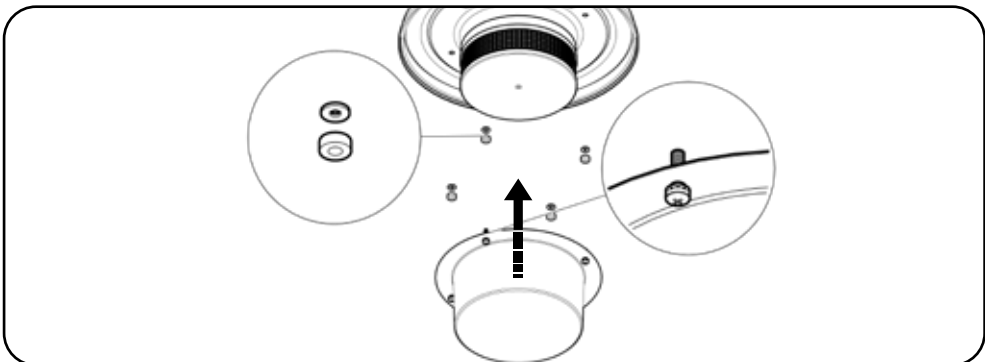
Cleaning your TriTex Filter



Replacing the Cartridge Filter



901649
H13 Filter Cartridge

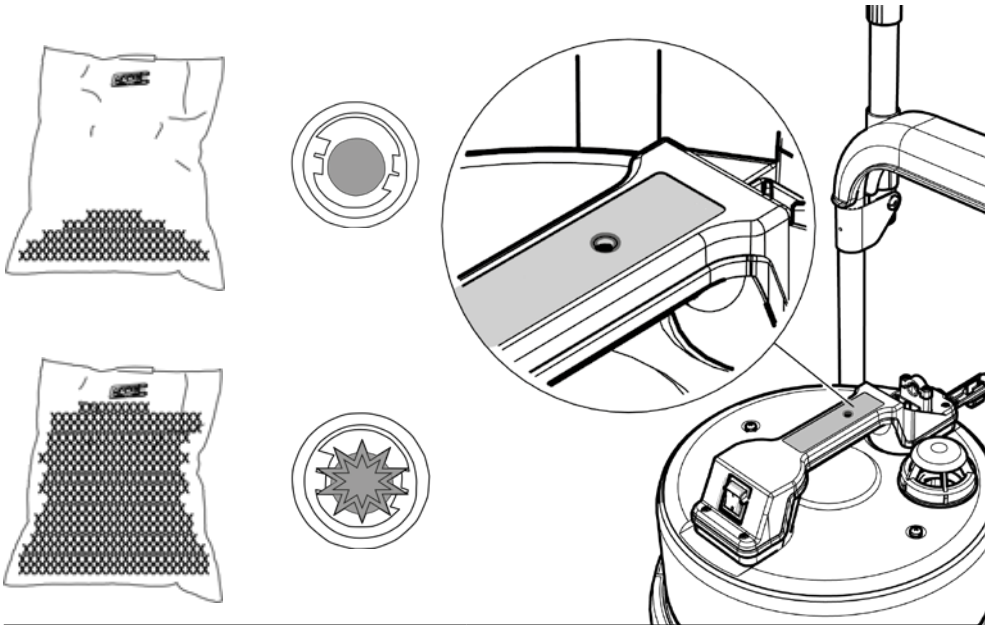


Low Flow Warning Light

Lo - Flo Indicator.

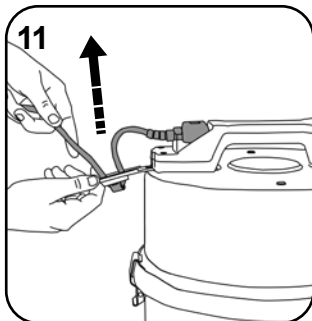
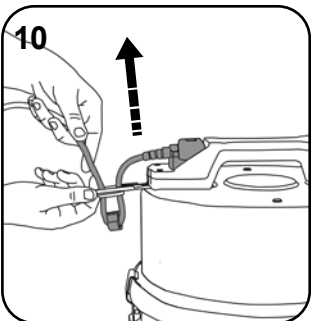
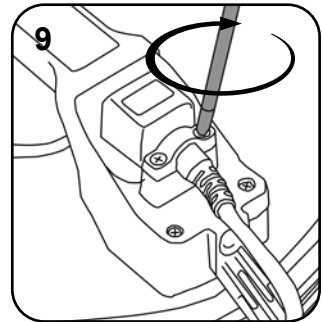
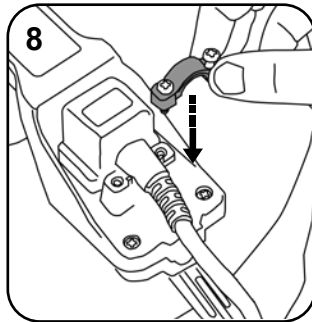
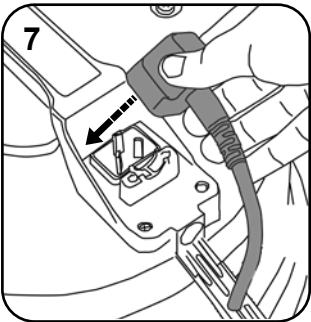
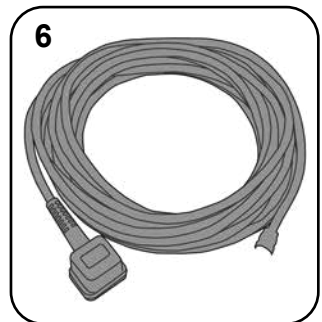
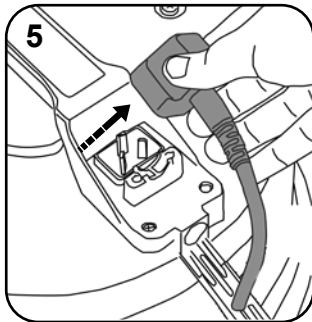
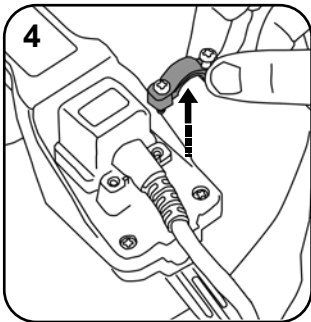
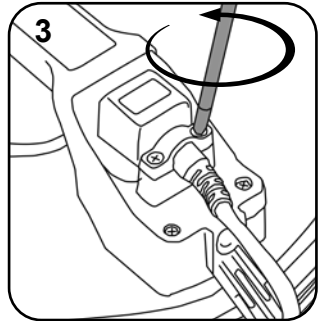
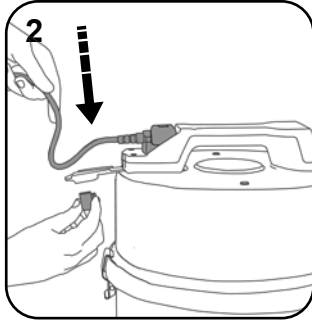
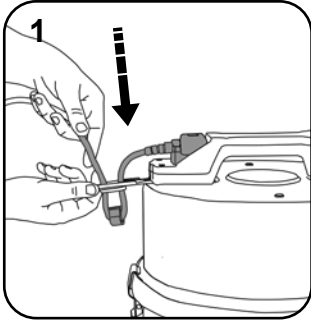
This appliance is fitted with a low flow indicator to show that air flow has reduced.

In the event of the indicator light flashing, check the following:-



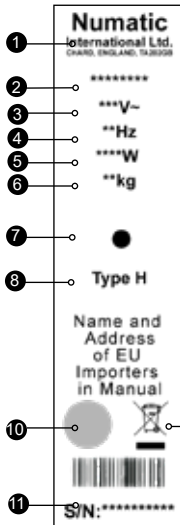
Cause	Solution
Dust caps still fitted	Remove the caps.
Blocked hose	Unblock the hose.
Bag full	Remove and replace
Cloth filter clogged	Remove and replace, clean dirty filter by vacuuming.
Hepa cartridge clogged	Replace, seek advice from an instructed person or manufacturer.
Classification	TYPE H
Voltage	115V / 220 - 240V
Frequency	50/60Hz
Max. Flow Rate (In Product)	33L/s (118.8 m3/h)
Low flow operation	16L/s (57.6 m3/h)
Maximum Underpressure	260 mbar/hPa
(NB 16L sec corresponds to an airspeed of 20m/sec in a 32mm pipe)	

Changing / Replacing Cable



Rating Label

1	Company Name & Address
2	Model
3	Voltage / Alternating Current
4	Frequency
5	Rated Input Power
6	Weight
7	Low Flow Indicator *(If applicable)
8	Hazardous Rating
9	WEEE Logo
10	Approval Mark
11	Machine yr/wk Serial Number



Maintenance

Daily
 Keep the machine clean, including hoses and tubes. Ensure the bag and filter are fitted. Regularly examine the power cord. Check dust bag frequently. Check filters are clean.

Weekly - as daily and:-
 Check for any worn or damaged parts and replace immediately.

WEEE Legislation (Waste, Electrical and Electronic Equipment)
 Vacuum cleaner, accessories and packaging should be sorted for environmentally - friendly recycling.

(Only for UK/EU Countries)
 Do not dispose of vacuum cleaner into household waste! According to the European Directive 2012/19/EU on waste electrical and electronic equipment and its incorporation into national law. Vacuum cleaners that are no longer suitable for use must be separately collected and sent for recovery in an environmentally - friendly manner.



PPE (personal protective equipment). That may be required for certain operations.

Ear Protection	Safety Footwear	Head Protection	Safety Gloves	
				Caution Floor Sign
Eye Protection	Protective Clothing	Dust / Allergens Protection	Hi Viz Jacket	

NOTE: A risk assessment should be conducted to determine which PPE should be worn.

Failure to rectify the problem or in the event of a breakdown contact your Numatic dealer or the Numatic Technical helpline +44 (0)1460 269268

Safety Critical Components
 Mains leads:
 H05VV-F 10m x 3 x 1.0mm²
 (115v) H05VV-F 10m x 3 x 1.5mm²

WARNING

Read the instruction manual before using the machine.
Operators shall be adequately instructed on the use of these machines.

As with all electrical equipment, care and attention must be exercised at all times during use, in addition to ensuring that routine and preventative maintenance is carried out periodically to ensure safe operation.

Failure to carry out maintenance as necessary, including the replacement of parts to the correct standard could render this equipment unsafe and the manufacturer can accept no responsibility in this respect.

This machine is for DRY USE only and must not be stored outside or used in wet conditions.
The machine shall be disconnected from the mains by removing the plug from the supply socket during cleaning or maintenance and when replacing parts or converting the machine to another function.

This machine is not to be used by children or persons with reduced physical, sensory or mental capabilities, or lack of experience or knowledge.

Children should be supervised to ensure they do not play with the machine
This machine is not a toy.

CAUTION

Ensure that the filtration system fitted to the machine is suitable for the material being collected.
This machine is for use indoors only.
This machine should be stored indoors only.

NOTES

This machine is intended for commercial use, for example in hotels, schools, hospitals, factories, shops, offices.
This product complies with the requirements of clause 20 of EN 60335-2-69 Stability and Mechanical Hazards.

DO

- Keep your machine clean.
- Keep filters clean.
- Use filter bags, they will enhance performance and help keep machine clean.
- Use a Numatic Original filter bag under fine dust conditions.
- Keep hoses and tubes clear.
- Replace any worn or damaged parts immediately.
- Regularly examine the power cord. If damage is found such as cracking or ageing the power cord must be replaced by a qualified person using the correct Numatic original part.
- Change dust bag frequently.
- Only use the brushes provided with the machine. The use of other brushes may impair safety.
- Only replace the power cord with the correct Numatic approved replacement part.

DO NOT

- Allow the rotating brush to come into contact with the supply cord (where rotating brushes are fitted).
- Pull on the cable to unplug the machine from the power supply.
- Use to suck up hot ashes or lighted cigarette ends.
- Use steam cleaners or pressure washers to clean the machine or use in the rain.
- Immerse in water for cleaning.
- Attempt machine maintenance or cleaning unless the power supply plug has been removed from the supply outlet.
- Under any circumstances place foreign objects including (but not limited to) air fresheners, air freshener capsules or scented beads of any type into the top filter of the machine. Doing so can be dangerous and risk damage to the machine and may invalidate the machine warranty.

IMPORTANT USER INFORMATION

Before use operators shall be provided with information, instruction and training for the use of the machine and the substances for which it is to be used, including the safe method of disposing of material collected.

The dust container has to be emptied when necessary, but also after every time used.

This vacuum cleaner has a lamp that illuminates when air velocity drops below a preset level, which indicates that the bag must be changed.

This machine is not suitable for connection with dust generating machines.

All filters including the bag must be undamaged and in correct position before this machine can be used safely.

CAUTION: This machine is for dry use only and is not to be used or stored outdoors in wet conditions.

Do not pick up glowing embers or dust or any other ignition hazard

Do not use the power cable as a method of moving the machine.

WARNING:

1. This machine must only be operated by suitably trained and authorised personnel.
2. This machine or its accessories must not be modified.
3. The machine must not be stored or used in a wet environment.
4. Do not allow the dust collection bag (NVM-2BH) to become so full as to reduce the effective pick-up of the vacuum. (Lamp will illuminate at preset air velocity levels < 16 m/s). Only use the dust collection bag (NVM-2BH) once.
5. Only use the dust collection bag (NVM-2BH) once.
6. This machine must only be repaired by suitably trained and authorised personnel.
7. Only use genuine Numatic International Ltd spare parts, for repairs.
8. This machine must not be installed as a fixed extraction system or run unattended.
9. Do not re-use the essential filter element after removal out of the machine.

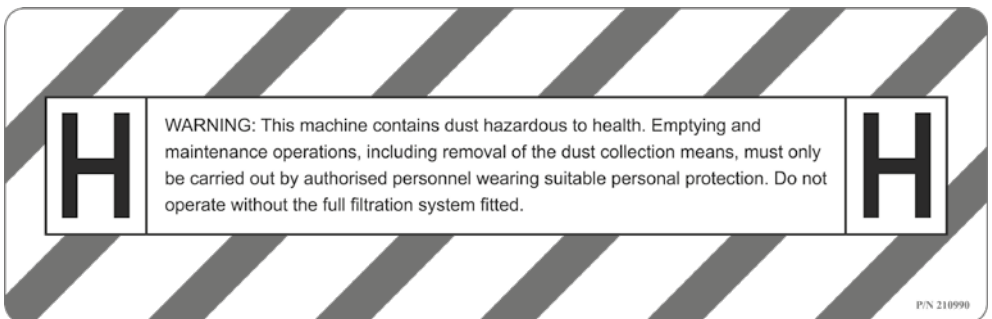
Operators should observe any safety regulations appropriate to materials being handled.

This machine is for dry use only.

PREPARATION FOR USE

Unpack and identify each item of equipment from the delivery note.

Check that the details given match the information on the "rating plate" mounted on the head assembly.



Installation / Removal / Disposal of the dust bag.

The dust bag holding the dust and debris must be removed and renewed by authorised personnel only, wearing appropriate personnel protective equipment, in a specified de-contamination area.

Never operate without the full filtration system in place.

Process of disposal:

Disconnect the hose, fit the Dust Cap on the Hose Flange, un-clip the bottom two Toggle Clamps.

Remove the cloth filter (A) in the Drum. Remove the dust bag from the Hose Flange inside the drum and seal the Dust Bag hole. Place the Dust Bag inside an impervious plastic bag and seal the bag.

Dispose of the plastic bag, depending on contamination, in an appropriate manner.

Fit a new Dust Bag over the Hose Flange inside the drum assembly. Fit the cloth filter (B), and the Head.

MAINTENANCE

All machine parts should be regarded as contaminated when removed from the hazardous area and appropriate action taken to prevent dust dispersal.

Disconnect from the power supply during cleaning, maintenance or when replacing parts. Ensure the plug is removed from the Power socket outlet.

Maintenance must be carried out in a suitable non hazardous area with facilities for cleaning the area after servicing, and with suitable ventilation.

Maintenance and cleaning work must always be carried out by competent authorised personnel equipped with suitable personal protection.

The cloth filter must be taken out and checked for degree of contamination, and damage to cloth or seals. If the cloth seal is found to be damaged or badly contaminated, you must replace. If only mildly contaminated, either wipe clean or wash with a mild detergent (ensure it is dry before replacing).

Items that can not be satisfactorily cleaned (e.g. filters) need to be disposed of in an impervious plastic bag and disposed of in accordance with current regulations. Replace the items that cannot be satisfactorily cleaned using approved manufacturer parts.

Regularly examine the supply cord for damage, such as cracking or ageing. If damage is found, replace the cord before further use.

All parts of this vacuum are safety critical only replace with the genuine Numatic spare parts.

For user servicing, the machine must be dismantled, cleaned and serviced, as far as is reasonably practicable, without causing risk to maintenance staff and others.

Suitable precautions include decontamination before dismantling, provision for local filtered exhaust ventilation where the machine is dismantled, cleaning of the maintenance area and suitable personal protection.

In class H machines the outside of the machine should be decontaminated by vacuum cleaning methods and wiped clean or treated with a sealant before being taken out of the hazardous area and appropriate action taken to prevent dust dispersal. (HSE Risk Assessment needed).

A competent person shall perform a technical inspection at least annually, consisting of, for example, inspection of filters for damage, air tightness of the machine and proper function of the control mechanism.

Also the filtration efficiency should be tested at least annually, or more frequently as specified in national requirements. The test methods that can be used to verify the machine's filter efficiency are specified in EN 60335-2-69 Annex AA (AA22.201.2). If the test fails it should be repeated with a new essential filter.

Replacing HEPA Filters Process.

Remove the Head assembly and place in a safe area.

Unscrew the 4, M5 x 10 screws on the underside of the machine head which will expose the HEPA filter.

Remove the contaminated HEPA filter and place in a suitably impervious plastic bag and dispose of in accordance with current regulations.

Replace the HEPA filter with an identical approved part

Re-assemble the machine in reverse order. (Screw torque 2.5Nm).

During this process please look carefully at all seals between mating parts and check for any damage.

If seals have been damaged, please contact the machine manufacturer to obtain an approved replacement part.

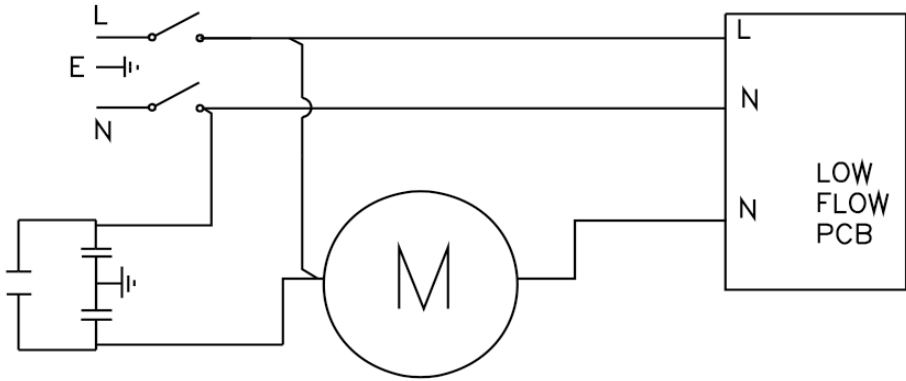
Replacement Parts

604165	TriTex Filter
604016	10 x Hepaflo Filter bag NVM 2BH
908229	Roll of 10x 120 litre waste bags, grey
901649	H13 Filter Cartridge

Data

1	2	3	4			5	6
Drum Size	Cleaning Range	Weight (Ready to work)	Sound Pressure (LpA) Uncertainty (KpA)			Protection Class	Dimensions
HZ 370-2 HZ 390S-2 HZ 390L-2	15 L 18 L 18 L	26.0 m	11.0 kg 11.2 kg 11.2 kg	68.0 dB (A) 0.5 dB	Class I	355 mm x 355 mm x 570mm 400 mm x 450 mm x 600mm 400 mm x 450 mm x 1010mm	

Schematic Diagram



Numatic International Warranty

Numatic International Limited warrant to the original purchaser that its products are free of defects in both material or workmanship for the period shown below: -

- Homecare and Cleancare Vacuum cleaners..... 2 Years
- Rotary Floor Machines..... 2 Years
- Twintec Auto Scrubber Dryer..... 1 Year
- Mopping, Compacts, Combi and Servocare Products..... 1 Year
- Individual Accessories and Spare Parts..... 6 Months

Notes: This warranty expressly excludes consumable parts such as carbon brushes, floor brushes, mops, batteries etc. that are considered replaceable from time to time during the normal working life of the machine.

- A. The warranty period commences from the date the goods are purchased.
- B. All warranty claims must be processed through the Dealer from whom the goods were purchased. The Dealer will arrange any necessary repairs throughout the warranty claims procedure and will arrange any necessary repairs using genuine Numatic parts.
- C. If the original Dealer is no longer able to fulfil his obligations please contact Numatic International Limited with full details of the claim and proof of purchase so that this may be processed without delay.
- D. Any warranty claim can only relate to the specific part that is proven to be at fault and for which a replacement will be supplied but cannot be extended to constitute a claim against the complete machine.
- E. Numatic International will supply the Dealer with any warranty parts required, subject to the claim being validated, after return of the faulty items in accordance with Numatic International Limited's General Conditions of Sale.
- F. Claims will not be accepted if they are the result of fair wear and tear, misuse or abuse of any kind.
- G. No replacement will be given unless the appropriate evidence of the validity of the claim has been provided to the satisfaction of Numatic International Limited.
- H. Numatic International Limited reserve the right to charge for any unnecessary work carried out as a result of an invalid claim.
- I. No variation to this warranty may be made or implied by any member of Numatic International Limited or its Dealers unless such variation is in writing and authorised by the Company.



Numatic International Limited, Chard, Somerset, TA20 2GB
 Telephone: 01460 68600 Fax: 01460 68458
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230565 08/16 (A03)

UKCA Declaration of Conformity	
Manufacturer:	Numatic International Limited Chard TA20 2GB www.numatic.co.uk
Product:	HZ
Description:	Vacuum Cleaner – Commercial – Dry
We, Numatic hereby declare under our sole responsibility, that the above-mentioned product(s) is/are in conformity with the following directives and standards.	
S.I. 2008: 1597	Supply of Machinery Regulations EN60335-1:2012 + AC:2014 + A11:2014 + A13:2017 EN60335-2-69:2012 EN62233:2008
S.I. 2016: 1091	EMC Regulations EN55014-1:2017 + A11:2020 EN55014-2:1997 + A1:2001 + A2:2008 EN61000-3-2:2014 EN61000-3-3:2013
S.I. 2012: 3032	RoHS Regulations

Authorised Signatory: Mr. Matthew Coles

Position: Head of Technology

Signed: *M Coles* Date: 1st Dec 2021

Somerset, TA20 2GB, UK

EU, EC, UE, ES: Declaration of Conformity	Декларација за съответствие Декларacja zgodności Dichiaracja zgodności Dichiarazione di conformità Dichiarazione di conformità Attestat de conformitate Conformiteitsverklaring Sertifikaat van overeenstemming Declaración de conformidad
Declaration of Conformity	Декларација за съответствие Dichiarazione di conformità Attestat de conformitate Conformiteitsverklaring Sertifikaat van overeenstemming Declaración de conformidad
Manufacturer:	Vivobac / Hersteller / Fabricant / Fabricante / Tootja / Gaminėjas / Fabrikant / Produser / Fabricante / Productor / Proizvođač / Тилверкер / Пратзаводца / Valmistaja / Fabricator / Provozovatel / Термек / Produkto / Produkta / Produkt / Produkts / Produk / Produk / Produk / Izdelka / Тüte: / Description / Описаније / Beschreibung / Descripción / Discription / Абдуудимас / Omschrijving / Beskrivelse / Descripción / Опис / Description / Omschrijving / Beschreibung / Опис / Абдуудимас
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S.I. 2012: 3032	RoHS Regulations

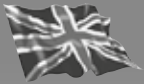
Authorised Signatory: Mr. Matthew Coles

Position: Head of Technology

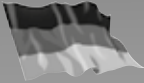
Signed: *M Coles* Date: 1st Dec 2021

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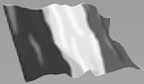
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Tel: 01460 68600 www.numatic.co.uk



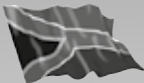
Numatic International GmbH. Fränkische Straße 15–19
D-30455 Hannover, DEUTSCHLAND
Tel: 05 11 98 42 16 0 www.numatic.de



Numatic International SAS. 13 / 17 rue du Valengelier
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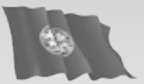
Numatic International BV
Vennootsweg 15, 2404 CG, Alphen aan den Rijn, NEDERLAND
Tel: 0172 467 999 www.numatic.nl



Numatic International (Pty.) Ltd.
16th & Pharmaceutical Roads, Midrand, Gauteng,
SOUTH AFRICA 1685
Tel: 0861 686 284 www.numatic.co.za



Numatic International Schweiz AG.
Sihlbruggstrasse 3A, 6340 Baar. SCHWEIZ
Tel: 0041 (0) 41 76 80 76 - 0 www.numatic.ch



Numatic International ULDA. Rua da Boa Viagem, 177
4470.210 Maia. PORTUGAL
Tel: +351 220 047 700 www.numatic.pt



Numatic International SLU. C/ La Forja, 41, 08840 Viladecans
(Barcelona), Spain
Tel: +34 93 647 22 22 www.numatic.es

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