

**vax**<sup>TM</sup>  
MachAir

**POWERFUL AND  
LIGHTWEIGHT**

LET'S GET STARTED.

**UCA1GEV1  
UCA2GEV1  
UCA3GEV1**



## Let's talk safety



### Basic safety precautions

**Please keep instructions for further use and use only as instructed in this guide. This vacuum cleaner is intended for household use only and NOT for commercial or industrial use.**

- Only use the vacuum cleaner indoors on dry surfaces and keep the area you're cleaning well lit.
- Keep fingers, hair and loose clothing away from moving parts and openings whilst using the vacuum cleaner.



### Don'ts

- Don't use this vacuum cleaner if it has been dropped, damaged or left outdoors.
- Don't run over the power cord or use the vacuum cleaner if the power cord or plug is damaged. If the supply cord is damaged, it must be replaced by a qualified person in order to avoid a hazard. Please contact our Customer Care Line on: 0330 026 8455 (Monday–Friday 9.00am–5.00pm).
- Don't handle the plug or use the vacuum cleaner with wet hands.
- Don't pull or carry this vacuum cleaner by the power cord. Don't use the power cord as a handle, pull the power cord around corners, sharp edges or close a door over the power cord. Don't unplug vacuum cleaner by pulling on the power cord.



### Do's

- Turn off all controls on the vacuum cleaner before disconnecting or connecting the power cord.
- Always keep the power cord away from the brushes whilst using your vacuum cleaner. After use always wrap the power cord around the cord clips provided.
- Always make sure both the pre-motor/post-motor filters are in place before use.
- Always make sure the brushbar is set to hard floor when using your vacuum on the stairs and take extra care when positioning the vacuum cleaner on the stairs.
- Always check the floorhead and accessories are free from damage, dirt and debris before use.

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Only Vax recommended tools should be used with this vacuum cleaner.

- Don't wash the post-motor filter.
- Don't vacuum up hard or sharp objects such as glass, nails, screws or coins etc.
- Don't vacuum up any flammable or combustible materials (lighter fluid, petrol, kerosene etc.) or use the vacuum cleaner in an area with explosive vapours or liquid.
- Don't vacuum up hot coals, cigarette butts, matches or smoking hot burning items or use in an area where there may be harmful fluids (chlorine, bleach, and ammonia drain cleaner).
- Don't attempt to remove blockages with sharp objects as this may cause damage to your vacuum cleaner.
- Don't use the vacuum cleaner with incorrect voltage as this may result in damage or injury to the user. The correct voltage is listed on the ratings label.

- Always switch off the vacuum cleaner before disconnecting or connecting the hose and accessories.
- Keep all openings clear and free from debris as this may affect the airflow/suction.
- Always replace the fuse in the plug with a British 13amp fuse.
- Always protect the power cable from heated surfaces and open flames.
- Use only CE approved 13amp extension cords, non-approved extension cords may overheat. Care should be taken to arrange the extension cord as it could be a trip hazard.
- Store the vacuum cleaner in a cool, dry area. If filters have been cleaned as per user the guide instructions ensure they are thoroughly dry before storing away.

# Thank you for buying this Mach Air vacuum cleaner.

## Taking care of your carpets and hard floors

The Mach Air is designed to make vacuuming carpets and hard floors regularly, as effective and efficient as possible and this user guide will help you get the most out of your machine.

Maintaining your carpets and hard floors will ensure they keep their appearance for longer. You've chosen the carpets and hard floors for your home for a reason and Vax will help you take good care of them.

## Taking care of your Mach Air

Also inside this guide are instructions on maintaining your new machine, so that it's always ready when you are to tackle your carpets and hard floors.

## We're here if you need us

Instead of taking your machine back to the shop, simply visit our online support:

**[support.vax.co.uk](https://support.vax.co.uk)**









### Still need to get in touch?

Our UK based Customer Care Team are here to support you. For help with assembly, operational or performance problems, or buying and fitting new accessories, you can find all our contact details at **[vax.co.uk/contact](https://www.vax.co.uk/contact)**

This user guide can be found online at: **[support.vax.co.uk](https://support.vax.co.uk)**

The Vax logo is displayed in a bold, orange, sans-serif font. The letters 'vax' are lowercase, and a small 'TM' trademark symbol is positioned to the upper right of the 'x'.

# Contents

-  [Let's talk safety](#)
-  [Getting to know your machine](#)
-  [Getting started](#)
-  [Using your machine](#)
-  [Taking care of your machine](#)
-  [Accessories](#)
-  [What to do if it goes wrong](#)
-  [Getting in touch](#)

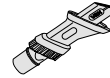
# Included with your machine

## Mach Air



2-in-1 Tool  
(Crevice Tool,  
Dusting Brush)

## Mach Air Revive



3-in-1 Tool  
(Crevice Tool, Dusting  
and Upholstery Tool)

## Mach Air Energise



2-in-1 Tool  
(Crevice Tool,  
Dusting Brush)



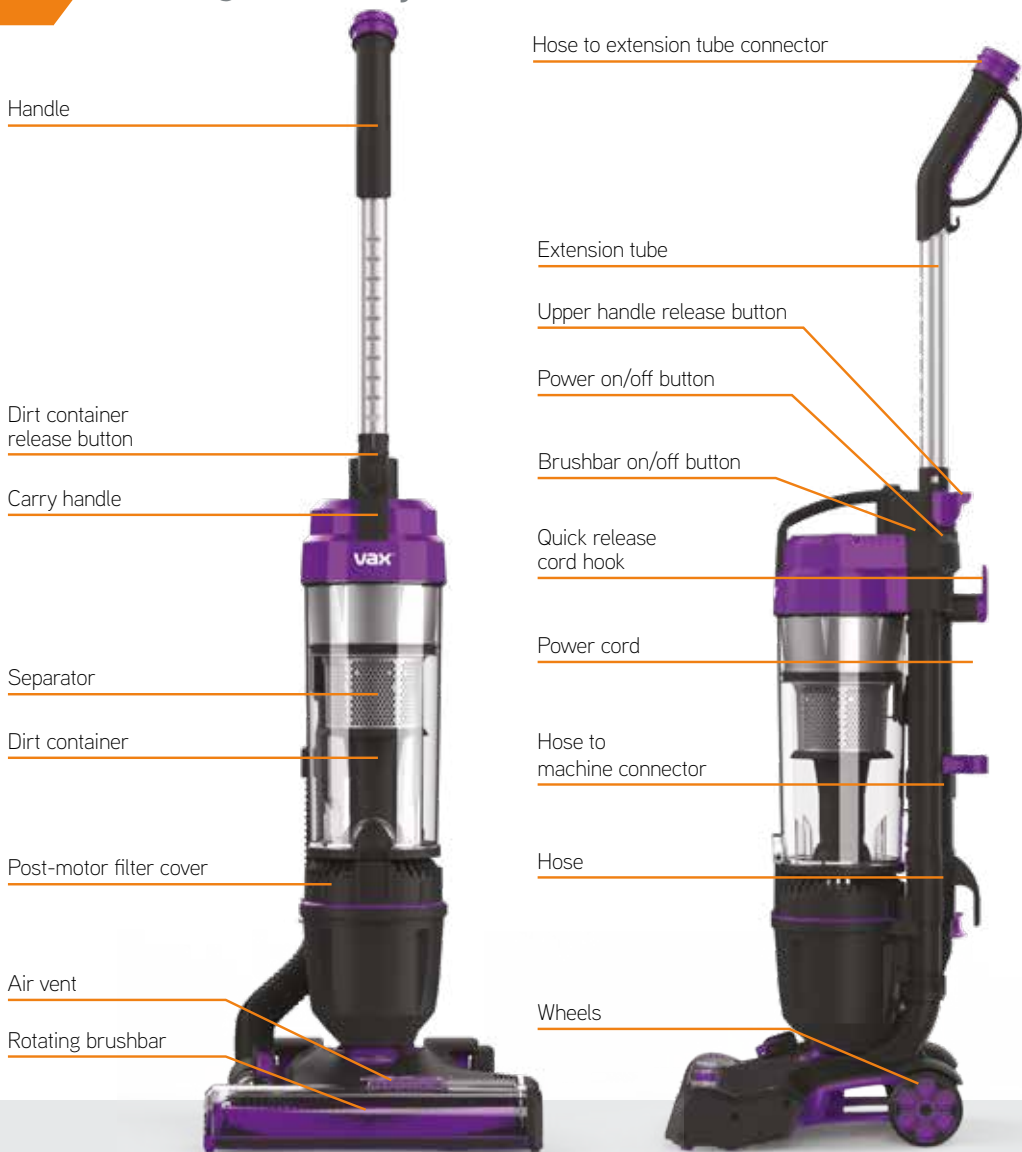
Fur 'n' Fluff Tool

### Initial setup for normal operation

1. Use the base accessories.
  - Shortest hose
  - Extension tube set to shortest practicable length.
2. Clean filters installed.
3. Dust receptacle empty.
4. All air vents must be closed.
5. Floor heads/tools set to Carpet Mode for carpet cleaning.
6. Mechanical Agitation turned ON for carpet cleaning.
7. Floor heads/tools set to Hard Floor Mode for hard floor cleaning.
8. Mechanical Agitation turned OFF for hard floor cleaning.

Some parts may vary according to model.  
Please check inside the box for more details.

# Getting to know your machine



## Technical Specification

Name **Mach Air Series**  
Voltage **220-240V**  
Wattage **820W**  
Capacity **1.5L**  
Cord length **7m**  
Weight **5kg**

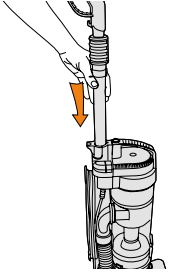
## Accessories & Consumables

Filter Kit (Type 90)\*  
**1-1-134227**  
Belt  
**1-7-139141**  
3-in-1 tool  
**1-1-129167**

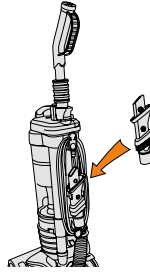
Fur 'n' Fluff tool  
**1-1-131392**  
Flexi Crevice tool  
**1-1-131393**  
Flat Upholstery tool  
**1-1-131394**

PLEASE READ 'LET'S TALK SAFETY' AT THE BEGINNING BEFORE USE.

## Assembling your upright

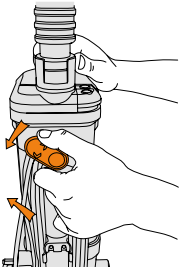


Insert the handle.

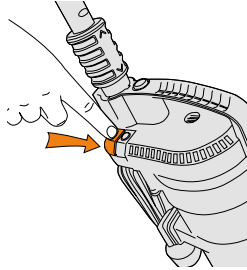


Place the tool onto the on-board storage area.

## How to use



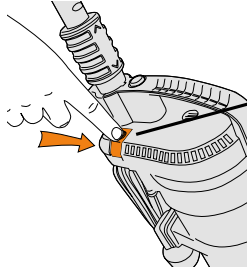
Twist the quick release cord hook to release the power cord.



Plug in your machine and push the ON/OFF button to switch on.



Recline the vacuum.



Brushbar on – carpets  
Brushbar off – hard floors

**NOTE:** The brushbar will not spin until the machine is reclined.

**IMPORTANT:** Switching the brushbar on whilst cleaning hard floors may damage flooring.

# Using your machine

## Before you begin cleaning

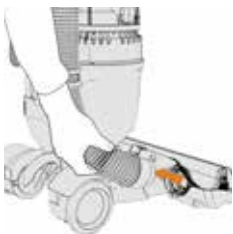
- Always switch off and unplug the vacuum cleaner before connecting or disconnecting the hose/attachments, or removing and emptying the dirt container.
- The vacuum cleaner is equipped with a thermal cut-out. If for any reason the vacuum cleaner does overheat, the thermostat will automatically turn the vacuum cleaner off. If this happens, switch the vacuum cleaner off and unplug from the electrical socket. Remove and empty the dirt container and also check the vacuum cleaner for blockages. Allow the vacuum cleaner to cool for approximately 1 hour (if you have cleaned the filters please wait 24 hours for the filters to fully dry before putting back into the vacuum).
- Pre-motor filters require cleaning at least every 3 months.
- If the vacuum cleaner is blocked, switch off and unplug before removing the blockage.
- When using the accessories always make sure the machine is stood in the upright position.

**NOTE:** The brushbar will not spin until the machine is reclined.

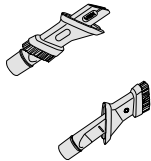
## Using accessories

**NOTE:** The Turbotool, 2-in-1 Tool and 3-in-1 Tool can all be attached to the tube or directly to the hose.

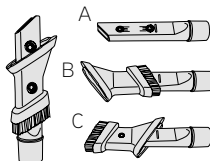
## Attaching the hose



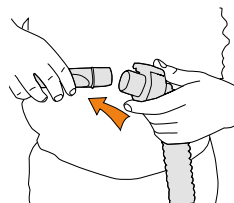
Remove the hose end from the floorhead.



Choose an accessory.  
2-in-1 tool converts into:  
A = Crevice Tool  
B = Dusting Brush

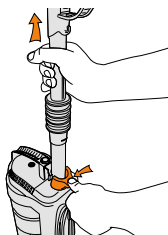


3-in-1 Tool converts into:  
A = Crevice Tool  
B = Upholstery Tool  
C = Dusting Brush

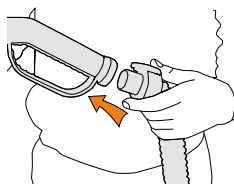


Attach the accessory to the hose end.

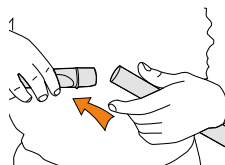
## Extension tube



Remove the extension tube.



Attach the hose to the extension tube.

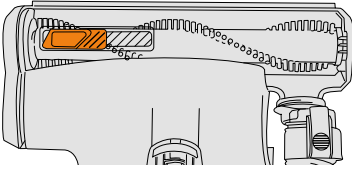


Attach the accessory to the extension tube.

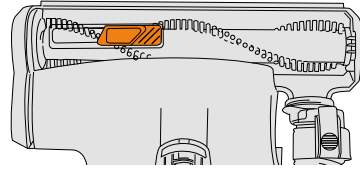


# Taking care of your machine

## How to use the air vent



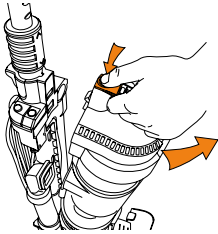
Slide the vent cover open to decrease suction, if required on high piled carpets.



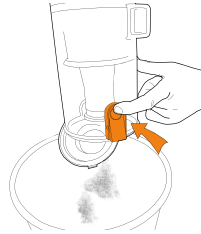
Close the vent cover to increase suction, for maximum cleaning on hard floors.

**NOTE:** For most efficient results the air vent should be closed.

## Emptying and cleaning the dirt container

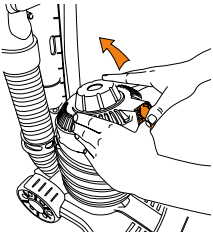


Press the dirt container release button and pull to remove the dirt container.

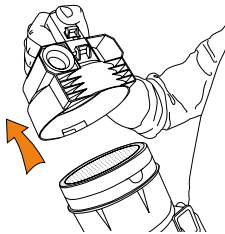


Hold the dirt container over a bin and press the dirt container release button allowing dirt to fall out.

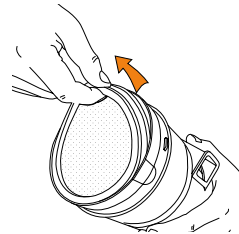
## Cleaning the HEPA pre-motor filter



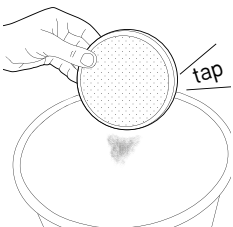
Turn the dirt container lid anti-clockwise...



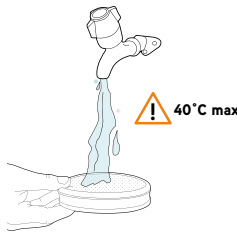
...and lift to remove.



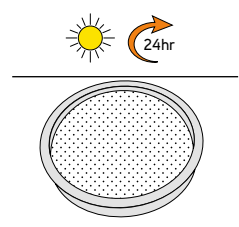
Grasp the tab on the filter and pull to remove.



Tap the filter over a bin to release any dirt.



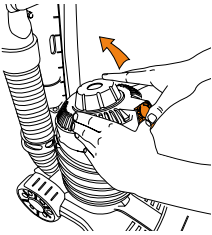
Wash the filter under running water (40°C max).



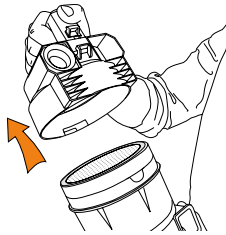
Leave to fully dry for at least 24 hours before putting back into the vacuum cleaner.

# Taking care of your machine

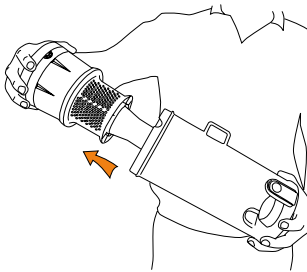
## Cleaning the shroud



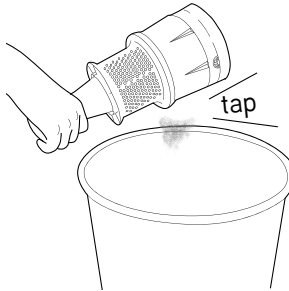
Turn the dirt container lid anti-clockwise...



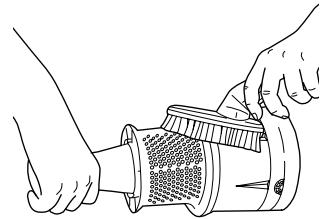
...and lift to remove.



Lift to remove the separator from the dirt container



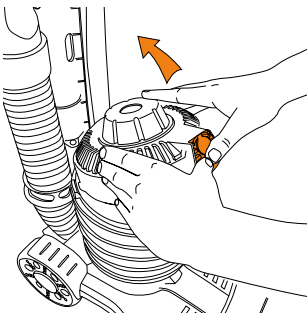
Tap over a bin to remove dirt and debris.



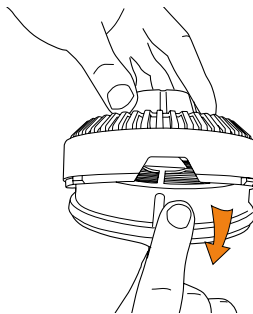
Brush dirt from the shroud.

## HEPA post-motor filter maintenance

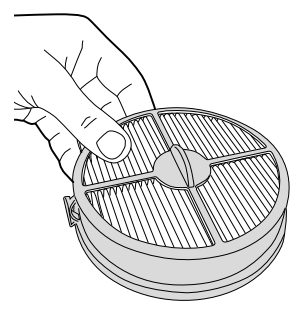
**IMPORTANT:** The exhaust filter is designed to offer long life with no maintenance. The filter should be checked periodically and when heavily discoloured it should be replaced. Please do not wash, scrub or brush the filter as this will damage the delicate filter media.



Press the button on the post-motor filter cover and remove.



Remove the post-motor filter from the filter cover.

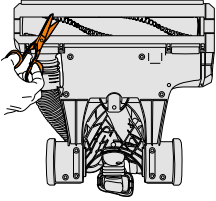


Check the post-motor filter for discoloration.

# Taking care of your machine

**CAUTION:** To reduce the risk of electric shock, turn the vacuum cleaner off and unplug from the electrical outlet before performing maintenance/troubleshooting checks.

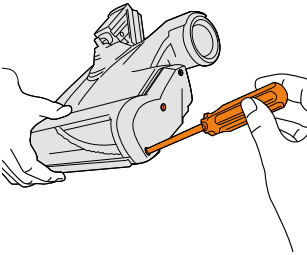
## Removing debris from the brushbar



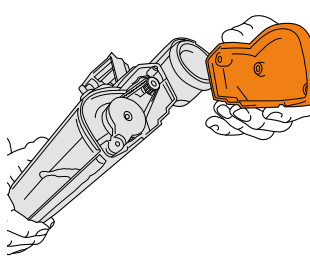
Switch off your vacuum cleaner at the main socket. Using a pair of scissors cut any hair or debris free from around the brushbar.

## Changing the brushbar

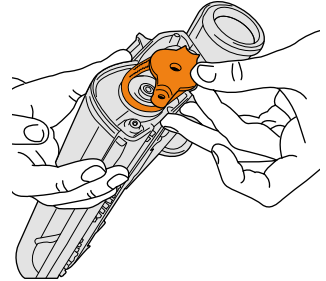
**IMPORTANT:** Unplug and switch off the vacuum cleaner before maintenance or troubleshooting checks.



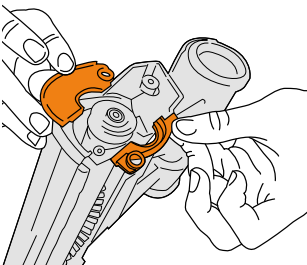
Using a crosshead screwdriver, remove the 3 screws from the belt cover on the side of the floorhead.



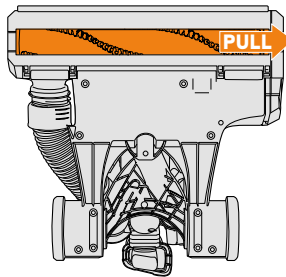
Pull to remove the belt cover.



Pull to remove the brushbar location plate. Remove the belt.



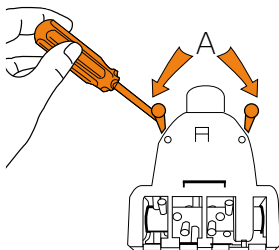
Lift and separate the brushbar side cover.



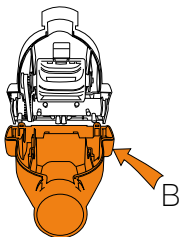
Pull the brushbar through the side cover to remove.

# Taking care of your machine

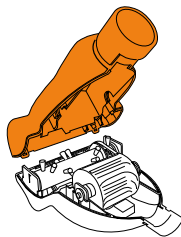
## Removing blockages from the TurboTool



Using a crosshead screwdriver, remove the 2 screws (A) to clean the TurboTool.



Remove the cover (B). Clean out any debris or hair from the brushbar and turbine fan.

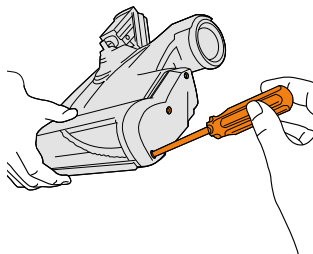


Replace the cover and tighten the screws.

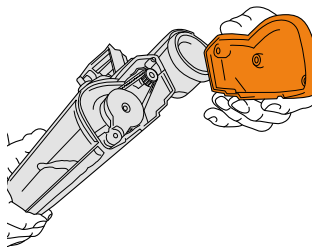
**WARNING:** To reduce the risk of injury from moving parts, unplug from the mains before carrying out any maintenance. The brushbar is equipped with bearings which contain sufficient lubrication for their lifetime. Do not add lubricant to the brushbar.

## Changing the belt

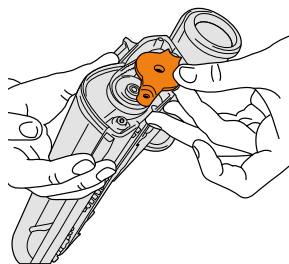
**IMPORTANT:** Unplug and switch off the vacuum cleaner before maintenance or troubleshooting checks.



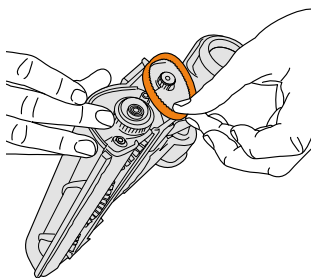
Using a crosshead screwdriver, remove the 3 screws from the belt cover on the side of the floorhead.



Pull to remove the belt cover.



Pull to remove the brush bar location plate. Remove the belt, if the belt isn't broken rotate the cogs anticlockwise and slide the belt off the large cog first.



Clean any debris from the cogs. To replace the belt firstly hook the belt over the small cog. Slide the belt over the top of the large cog and rotate the belt and cog anticlockwise. During rotation the grooved belt will slide onto the cog.

# Don't forget your accessories!

Order at: [www.vax.co.uk/spares-and-solutions](http://www.vax.co.uk/spares-and-solutions)

## 3-in-1 Tool

**1-1-129167**

The 3-in-1 Tool includes a crevice tool for awkward areas and corners, dusting brush for areas such as skirting, and an upholstery tool for cleaning sofas, curtains, chair seats and car interiors.



## Pro cleaning kit

**1-1-133326**

All our best tools in one kit that makes cleaning your home quicker, easier and with even better results. We've taken care of cleaning all of the hard to reach areas such as on top of cupboards and in between blinds, as well as the dust that collects behind and within the radiator.



# What to do if it goes wrong

## Problem

## Solution

There is an accessory missing

- Check the contents panel on the back of the box to make sure the part is included with your vacuum cleaner.

Why does the vacuum cleaner have no power?

- The plug may not be fully pushed into the electrical socket.
- Check if the fuse in the plug needs replacing and always replace with a 13amp British fuse.
- The motor thermostat may have tripped. If this has happened, unplug the vacuum cleaner. Remove and empty the dirt container and check the hose for blockages. Clean the filters and allow the vacuum cleaner to cool for approximately 1 hour (if you have washed the filters you will need to wait 24 hours for the filters to fully dry before putting them back into the vacuum cleaner).

Why won't the vacuum cleaner pick up?

- The filters or separator may need cleaning. Go to 'Taking care of your machine'.
- The dirt container may not be fitted correctly. Remove the dirt container and re-attach making sure it is clicked firmly into place.
- The air vent is open, reducing the suction. Go to 'Using your machine'.
- The dirt container may be blocked. Empty the dirt container and clean the filters. Go to 'Taking care of your machine'.
- There may be a blockage in the hose. Check and clear any blockages.
- The brushbar may not be turning. Go to 'Why isn't the brushbar rotating?' below.
- If the accessory/tool will not pick up, check and clear any blockages.

Why isn't the brushbar rotating?

- The brushbar may not be turned on. Go to 'Getting started'.
- The vacuum cleaner may not be reclined. Go to 'Getting started'.
- The brushbar may be obstructed. Go to 'Taking care of your machine'.
- The brushbar may need resetting. Stand the vacuum cleaner in the upright position to reset. Go to 'Taking care of your machine'.
- The belt may be broken. Go to 'Taking care of your machine'.

Why is dust escaping from the vacuum?

- The filters may not be correctly fitted. Go to 'Taking care of your machine'.
- The dirt container may be full or blocked. Go to 'Taking care of your machine'.
- The filters may need cleaning. Go to 'Taking care of your machine'.
- There may be a blockage in the hose. Check and clear any blockages. Go to 'Taking care of your machine'.

### IMPORTANT:

To reduce the risk of personal injury, unplug the vacuum before performing maintenance/troubleshooting checks.

It's quick and easy to  
register for your **FREE**

**1 year  
guarantee<sup>†</sup>**

Online at: **vax.co.uk/registration**

Please retain your original receipt for proof of purchase.

**we're here if you need us**  
**support.vax.co.uk**

## GET IN TOUCH

@ [info@vax.co.uk](mailto:info@vax.co.uk)  [vax.co.uk](http://vax.co.uk)

Vax Ltd, Pointon Way, Stonebridge Cross Business Park, Hampton Lovett, Droitwich, WR9 OLW, UK

---

**EU Statement of Compliance:** Manufacturer/EU importer: Vax Limited, hereby on our own responsibility, declare that the UCA1GEV1, UCA2GEV1 and UCA3GEV1 are manufactured in compliance with the following Directives:

**Safety:** 2014/35/EU Low Voltage Directive. **EMC:** 2014/30/EU Electromagnetic Compatibility Directive.

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

© 2019 Vax Limited. All rights reserved. The VAX trade mark and Vax lozenge are the property of Techtronic Floor Care Technology Ltd and are registered in the EU and may be pending or registered in other countries.

