

Robot Vacuum Cleaner

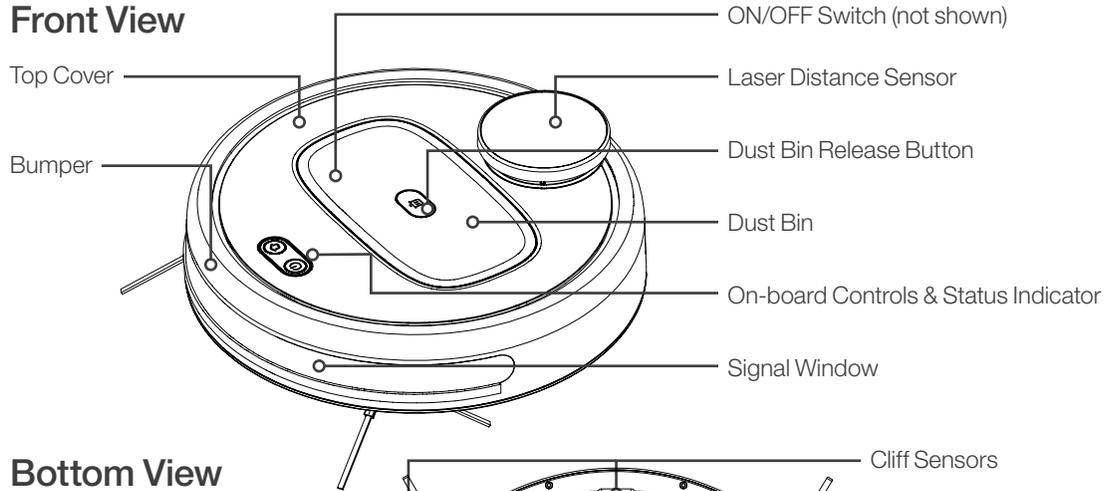


Clean Anywhere, Anytime
Smart Autonomous Cleaning
Powerful Cleaning Performance

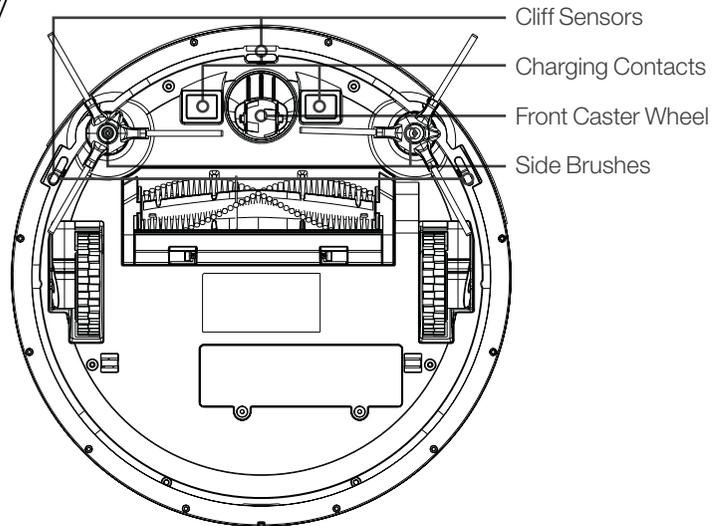


ranger

Front View



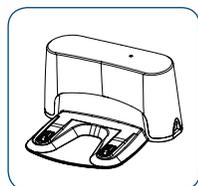
Bottom View



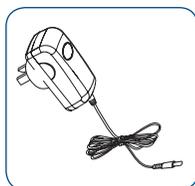
5241 Ranger

Congratulations on the purchase of your new HOOVER cleaner. There are many useful features built into your cleaner and we recommend that you carefully read this instruction manual to take the best advantage of these features.

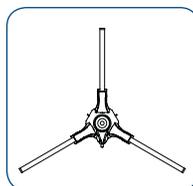
Accessories Included



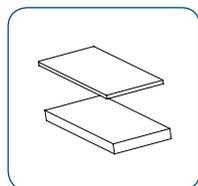
Charging Base x1



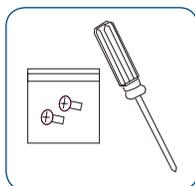
Charging Adaptor x1



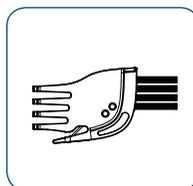
Spare Side
Brushes x2



Spare Filter Set x1



Screwdriver x1
Screws x2



Cleaning Bush x1

Specifications

- Voltage: 14.4V DC
- Weight: 3Kg
- Charge Time: 3.5 hours
- Dust Bin Capacity: 450ml
- Battery Type: 2500mAh Lithium
- Runtime: Up to 90min (Low), 70min (Medium) & 60min (High)

Please contact Hoover Customer Care 1300 360 845, NZ 0800 387 442 to find your local spare parts provider.

Before You Begin

This cleaner must be operated in accordance with these instructions and used only for domestic household cleaning to remove DRY dirt and dust from household carpets, flooring, walls and fabrics. This cleaner is not fit to be used as an industrial cleaner and will void the manufacturer's warranty if used inappropriately.

Please read these instructions thoroughly

This will ensure you obtain full benefit from your new cleaner. Keep this Instruction Manual in a handy place for future reference.

Important

Always switch off the appliance before cleaning, when not in use, attempting any maintenance task, fitting or removing accessories. The charger must only be connected to an AC power supply at the voltage shown on the rating label. This cleaner should only be charged with the charger provided. This cleaner should only be used for its intended purpose as described in these instructions.

Precautionary measures:



1. **Do not** operate the vacuum cleaner too close to heaters, radiators or other hot surfaces.



2. Before inserting the charger adaptor into the wall, make sure your hands are dry.



3. Before turning on the vacuum cleaner, safely remove any large objects from the floor or cleaning surface in order to prevent damage to the filter, roller brush, side brushes and cleaning surface.



4. When you want to remove the plug from the power socket, **do not** use the power cable, gently pull the plug from the power socket.



5. Do not use this vacuum cleaner to pick-up water or liquids.



Safety Precautions & Warnings

IMPORTANT! Always switch off the appliance before cleaning, when not in use or attempting any maintenance task. The charger must only be connected to an AC power supply at the voltage shown on the rating label. This cleaner should only be used for its intended purpose as described in this instruction manual. Never operate the vacuum cleaner without filters.

Read the manual attentively before using the appliance for the first time.

When using your vacuum cleaner, basic precautions should always be observed, including the following:

1. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
2. Children should be supervised to ensure that they **do not** play with the appliance.
3. To prevent electrical shock, **do not** immerse the appliance, battery, or power plug into water or other liquids.
4. To prevent electrical shock, **do not** use the vacuum cleaner outdoors or on wet surfaces.
5. Always check the power cord before use, the power cord and the plug should be in a good condition and **must not** be damaged. If the power supply cord is damaged or defective, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
6. The appliance and charging base are intended for domestic indoors use only.
7. **Do not** unplug by pulling on the power cord. To unplug, grasp the plug, not the power cord.
8. Use only Australian and New Zealand electrical safety approved extension cords. **Do not** pull or carry the appliance by the power cable, use the power cable as a handle or pull the power cable around sharp edges or corners. Avoid running the appliance over the power cable.
9. **Do not** handle or operate the appliance with wet hands and follow electrical safety precautions at all times.
10. **Do not** operate the vacuum cleaner too close to heaters, radiators and other hot surfaces.
11. **Do not** use the appliance to pick up flammable items or combustible liquids (i.e. gasoline, hot ashes, cigarettes, matches, explosive materials or anything burning) or use in areas where such substances and items may be present.
12. **Do not** use the appliance to pick up toxic materials (i.e. chlorine bleach, ammonia).
15. **Never** operate or use the appliance without the filters in place.
16. Before vacuuming, remove any large or sharp objects from the floor or cleaning surface in order to prevent damage to the filter, cleaning surface and brushes.

17. If the air inlet is blocked, switch off the cleaner straight away. First, clear the blocked object before attempting to start the vacuum cleaner again.
18. Before carrying out any maintenance service or cleaning the filters, always switch off the vacuum cleaner.
19. Keep openings away from your face and body.
20. **Do not** use the vacuum cleaner if it is damaged or broken. If connection cables are damaged, have them replaced immediately.
21. **Never** clean the vacuum cleaner or any of the electrical parts, especially the electrical connections with water or liquid cleaners.
22. **Never** attempt to make any modifications electrically to the vacuum cleaner and charging base.
23. Always store the appliance and charger indoors in a cool and dry place.
24. **Do not** pick up water, for dry household use only
25. Use the electric roller brush only for vacuuming dust and dry substances in the home.
26. **Never** run over the power cable with the robot cleaner as this may cause damage to the power cable.
27. **Never** touch the roller brush while the vacuum cleaner is switched on.
28. To prevent unnecessary wear on the power head, keep it moving while in operation.
29. Damage caused by improper use or by not observing the instructions in this manual will void the warranty.
3. When appliance is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the appliance terminals together may cause burns or a fire.
4. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
5. **Do not** charge or store the appliance outdoors or inside the car. Only charge or store the battery in a dry indoor area where the temperature is more than 5°C but less than 45°C The charger is for indoor used only.
6. **Never** attempt to open the battery for any reason. If the plastic housing of the battery casing breaks or cracks, immediately discontinue use and **do not** recharge.
7. The charger adapter contains electrical connections inside. The charger adapter is not serviceable part.
8. Before disposal of your battery, fully discharge your battery by running the product until it stops.
9. The cleaner contains a Lithium battery. **Do not** dispose the appliance with your local garbage. Contact your local council for instructions on how to safely dispose of the battery.
10. **Do not** use the charger to charge a non-chargeable battery.
11. **Do not** touch or insert objects into battery pack terminal.
12. **Do not** attempt to short circuit the battery terminal.

Battery use and care

1. The appliance is only to be used with the charger uniquely provided with the appliance.
2. Only charge the battery inside the product and only use the specifically designated charger to charge the product.



Risk of damage!

1. Light, moveable objects can be dragged along by the robot vacuum and cause damage to the object or floor depending on the object characteristics.
2. Remove light, moveable objects from the work area.
3. Secure cables that hang down or are exposed (e.g. on floor lamps).

Risk of fire!

1. Do not use the robot vacuum cleaner too close to heaters, radiators and other hot surface.
2. Do not spray with, or pick up flammable liquids, cleaning fluids, aerosols, or their vapours, as this may increase the risk of fire/explosion.
3. Do not use the robot vacuum to pick up glowing embers or cigarette butts.
4. Never expose the batteries to open flame or an external heat source.

Laser navigation sensor

The navigation sensor contains a class 1 rotating laser.

The following rules of conduct generally apply for lasers:

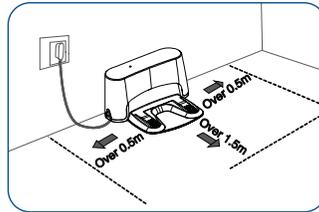
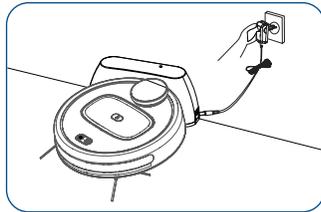
- Switch off the robot vacuum prior to all changeover tasks.
- Do not aim the laser beam at other persons.
- Do not look at the direct or reflected laser beam.

Modifications (changes) or attempts to repair the device and especially the navigation sensor are prohibited.

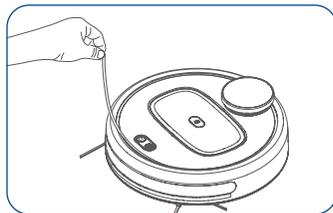
Instructions for Use

IMPORTANT! Before commencing cleaning, please tidy up objects on the floor like cables, cleaning cloths, slippers and carpet with fringes to avoid the cleaner being tangled.

Charging Base

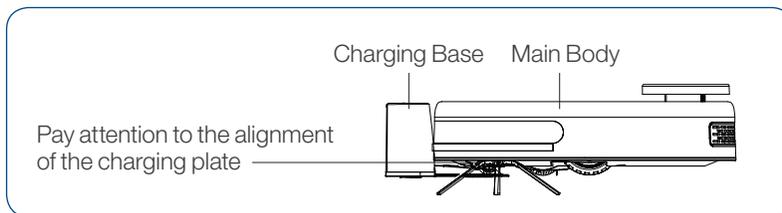


- 1 Connect the power adaptor to the Charging Base then to the power supply.
- 2 Place the Charging Base in an open, uncluttered area leaving the following distances around the Charging Base:
 - At least 0.5 meters on each side of the Charging Base
 - At least 1.5 meter in front of the Charging Base, and at least 1.5 meter away from stairs
 - Always keep the Charging Base plugged in and make sure it is in an area with consistent Wi-Fi® coverage to allow the robot to receive information via the Hoover Ranger App.



3. Please remove the protective strip on the robot before use.
4. To access the ON/OFF Switch, remove the dust bin by pressing the Dust Bin Release Button and switch ON the robot by moving the switch to the ON position.





5. Place the robot on the Charging Base to begin charging.

NOTE: When the robot completes the cleaning cycle or when battery power is low, the robot will automatically return to the Charging Base to recharge.



6. Download the Hoover Ranger App and connect to Wi-Fi® by following the instructions in the App.

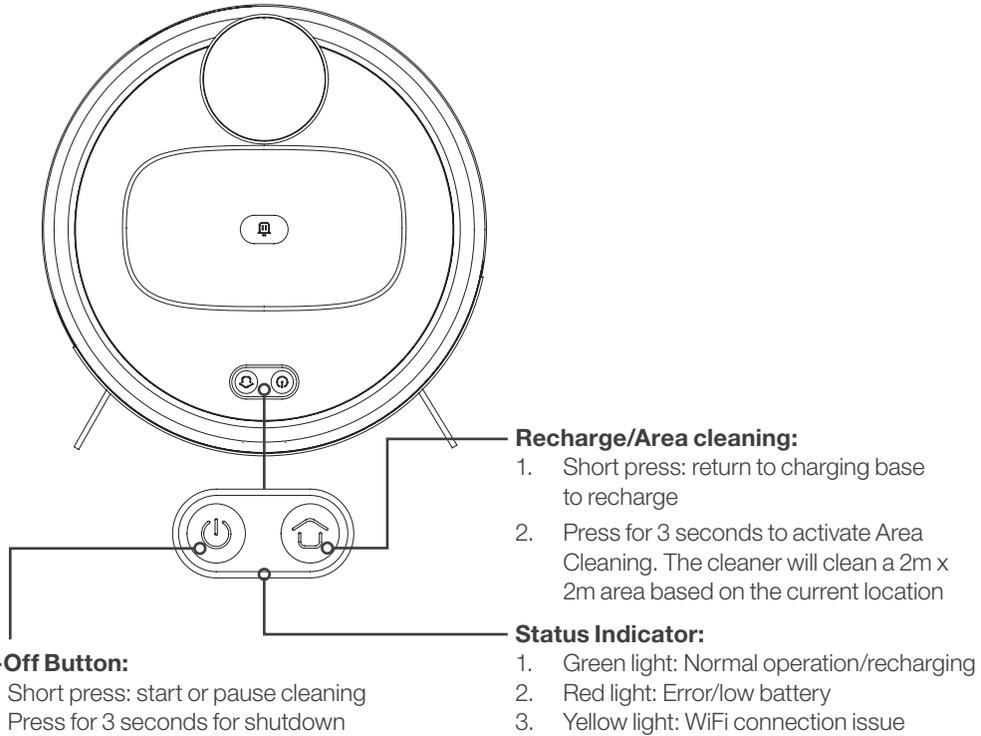


iOS 9.0 or later

Android 4.1 or later

NOTE: The robot can only connect to a 2.4Ghz Wi-Fi® Router.

On-board Controls & Status Indicator



NOTE: Press the ⏻ and 🏠 buttons for 3 seconds at the same time to reset the WiFi.

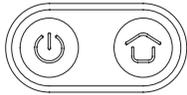


Status Indicator

No.	Status	Display	Sound
1	Initialisation after turning on	A flashing green light	Extended beep on start-up
2	Initialisation finished	A green light	Two beeping sounds
3	Not connected to WiFi after initialisation	A yellow light	
4	Connecting to the WiFi	A flashing yellow light	One beeping sound
5	Connected to the WiFi	A green light on	Two beeping sounds
6	WiFi connection reset	A yellow light flashing slowly	One beeping sound
7	Start cleaning	A green/yellow light	Music
8	Pause cleaning	A green/yellow light	
9	Resume cleaning	A green/yellow light	Music
10	Cleaning finished	A green/yellow light	Two beeping sounds
11	Returning to charging base	A green/yellow light flashing slowly	Music
12	Recharging in progress	A red light	Two beeping sounds
13	Receiving a command while charging and with low battery	A red light	One beeping sound
14	Fully charged	A green/yellow light	
15	Dustbin removed	A red light flashing quickly	One beeping sound
16	Dust bin reinserted	A red light flashes quickly / yellow light	One beep
17	Locating robot	A green/yellow light flashing	Music

Connecting to WiFi®

1. Press the  button, then press and hold the  and  button for more than 3 seconds. The Status Indicator will flash yellow.



Status Indicator

Flashing Yellow: not connected to Wi-Fi®

Green: Wi-Fi® is connected.

2. Follow the prompts in the App to establish connection with the robot.

Operating the Hoover Ranger App



Virtual Map.

Battery Life Indicator.

Command the robot to return to the Charging Base.

Command the robot to begin cleaning, pause cleaning or resume cleaning.

Commands the robot to clean a particular area on the virtual map

Commands the robot to clean a particular spot on the virtual map

Commands the robot to perform a full home clean

Select to access further Hoover Ranger App functionality

Allows you to select from three power settings (Low, Medium and Max)

The app interface includes a 'Cleaning Robot' header with a 'Pause' button and a notification bell. The main area shows a virtual map with a yellow cleaning path. At the bottom, there are three status indicators: '59% Battery', '25 min Cleaning Time', and '23 m² Cleaned Area'. Below these are four control buttons: 'Charge', 'Total Clean', 'Fan Control', and 'More'.



Select 'More' on the App to access additional App functionality.
Below are a few key features:



Map Zoning

To create a particular cleaning zone in your home, or to command the robot to double clean a particular area or to prohibit the robot from cleaning a particular area.



Maintenance

Indicates the remaining life span of the Filter, Side Brushes & the Roller Brush.



Fault detection

Identifies if there is a fault with the robot.



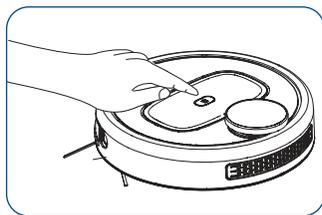
Control

Allows you to manually direct the robot.

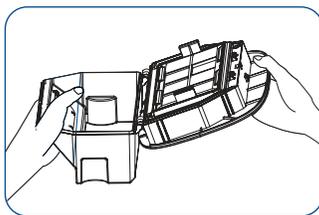
Maintenance

IMPORTANT! Ensure that the cleaner is switched off before performing any maintenance.

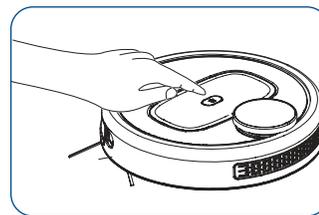
Emptying the Dust Bin



1. Press the Dust Bin Release Button to remove the dust bin.

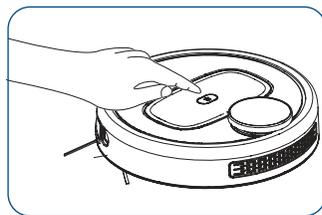


2. Open the dust bin lid and empty the contents into a rubbish bin.

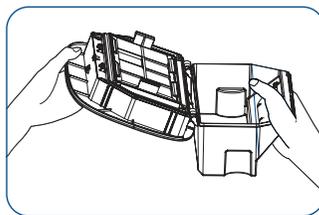


3. Close the dust bin lid and reinsert the dust bin back into the cleaner.

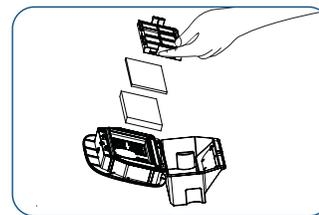
Cleaning & Replacing the Filters



1. Press the Dust Bin release button to remove the dust bin.



2. Open the dust bin lid and empty the contents into a rubbish bin.

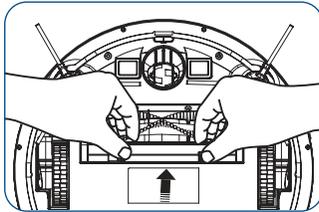


3. The filters are located on the dust bin lid. Remove the filters and clean using the cleaning brush provided. Alternatively, replace the filters if required.

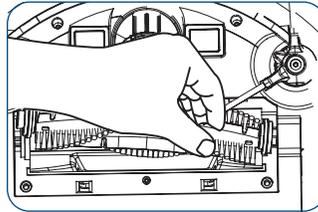
NOTE: it is recommended to replace filters every 6 months.



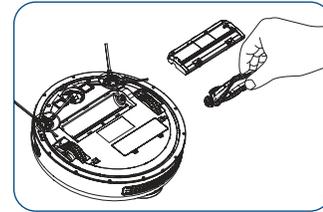
Cleaning & Replacing the Roller Brush



1. Push the two locking buttons as shown to remove the brush cover.

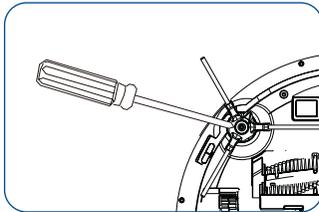


2. Remove the roller brush and clean with the cleaning brush provided. Alternatively, the roller brush can be replaced if required.

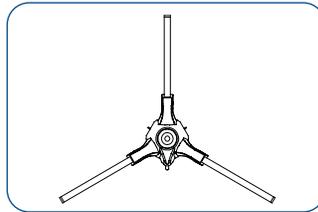


NOTE: to reduce the build-up of hair wrap around the roller brush it is recommended to clean the roller brush periodically by removing the roller brush and using the cleaning brush and or scissors to cut away and remove hair wrapped around the roller brush.

Cleaning & Replacing the Side Brushes



1. Unscrew the side brushes with the screwdriver provided.



2. Clean the side brushes ensuring that any hair wrap is removed.

NOTE: it is recommended to replace filters every 6 months.

Troubleshooting

Problems and solutions

If you come across a problem, please use the checklist of troubleshooting tips before contacting Hoover Customer Care on 1300 360 845, NZ: 0800 387 442..

Fault Names	Fault Forms	Causes	Solutions
Full dust bin	5 beeping sounds	The dust bin is full	Empty the dust bin
Laser Distance Sensor issue	A red light flashes slowly along with 4 beeping sounds	Laser Distance Sensor is covered	Check and ensure the Laser Distance Sensor is not obstructed
Cliff sensor issue	A red light flashes slowly along with 2 beeping sounds	The cliff sensors are covered	Check and ensure that the cliff sensors are not obstructed
Main wheel issue	A red light is displayed along with a beeping sound	The main wheel is entangled or jammed	Ensure that the main wheel is free from debris
Side brush failure	A red light is displayed along with 2 beeping sound	The side brushes are wound or jammed	Ensure that the side brushes are free from debris
Main brush issue	A red light is displayed along with 3 beeping sound	The main brush is wound or jammed	Ensure that the main brush is free from debris
Robot is stuck	A red light is displayed along with 4 beeping sound	The robot cannot move	Relocate the robot
Low battery	A red light is on along with a beeping sound	Low power	Charge the robot



Spare Parts

Please contact Hoover Customer Care: 1300 360 845, NZ: 0800 387 442 to find your local spare parts provider.

Part	Part Number
Roller Brush	31155515
Side Brushes x2	31155516
Filter Set	32201689
Bust Bin	33156148
Charger Base	33201711
Charger Adaptor	33201714



ranger

Robot Vacuum

Conditions of warranty

Your Hoover cleaner, in the case of domestic use, has a one year parts and labour warranty against product defects and failures when the product is used in accordance with the terms and conditions of this warranty statement.

This warranty commences from the original date of purchase and is not transferable; please retain your original proof of purchase for any warranty claims. This warranty is valid only in the country where the cleaner is purchased.

The cleaner must be operated in accordance with these instructions and used only for domestic household cleaning to remove DRY dirt and dust from household carpets, flooring and fabrics. This cleaner is not fit to be used as an industrial cleaner, and is not designed for the collection of vitreous building material including particle board, construction products and similar products such as wood/fibres, cement, fillers, fibre glass etc or excessive or frequent sand. The infrequent pick-up of these materials in these circumstances may be harmful to your cleaner and may void the manufacturer's warranty.

Accessories and consumables including dust bags and filters, unless defective in manufacture, are not subject to this warranty. In order to prolong the life of accessories and consumables, regular care and maintenance is recommended.

When properly used and cared for, your cleaner will render excellent service; refer to the instruction manual for further details, as misuse or failure to follow the instructions makes this warranty void.

In the event of service or advice being needed, please contact Electrical Home-Aids Pty Ltd, Building 3 Brandon Business Park, 530 Springvale Road, Glen Waverley Victoria 3150, or on 1300 360 845, Monday-Friday 9am-5pm EST. The decision to repair or replace the cleaner is at the sole discretion of Electrical Home-Aids Pty Ltd. If Electrical Home-Aids Pty Ltd decide to repair or replace the cleaner, it will do so at its own cost.

Electrical Home-Aids Pty Ltd is unable to accept responsibility under this warranty for any repair work not carried out by an authorised Hoover Service Agent or from the use of non-genuine parts. If any part is no longer available or manufactured, Electrical Home-Aids Pty Ltd will replace it with a genuine functional replacement part. This warranty does not apply to the cost of replacing any parts of the product due to normal wear and tear, alterations, improper installation, physical abuse, misuse or accidental damage. Any transportation costs involved in the repair of defective parts shall be borne by the claimant.

If proof of purchase cannot be provided at the time of a warranty claim or service, any work carried out on the cleaner is chargeable.

The repair of the cleaner under this warranty does not extend the original period of warranty.

The benefits conferred by this warranty are in addition to all other rights and remedies in respect of the product as outlined under the Competition and Consumer Act and other State and Territory laws.

“Our goods come with guarantees that cannot be excluded in the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.”



Call Hoover Customer Care with any product queries

Australia **1300 360 845**

New Zealand **0800 387 442**

To find out more about our range,

visit: www.hoover.com.au

www.hoover.co.nz

email: customerservice@hoover.com.au

SAVE TIME, REGISTER WARRANTY ONLINE!

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