



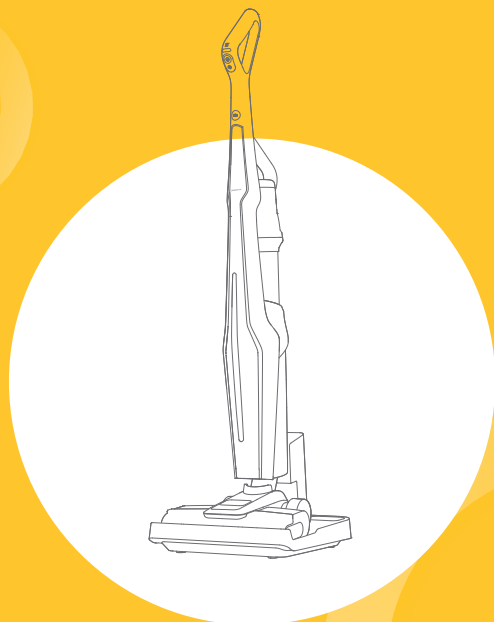
Guangdong Deerma Health Technology Co., Ltd.

Add: No. 9 Chuangsheng Road, Xincun Village, Beijiao Town,
Shunde District, Foshan City, Guangdong Province, China

Made in China

DEERMA, JUST WHAT YOU NEED.

User Manual



DEM-P40 PROW

**Deerma
Water-absorbing Vacuum Cleaner
(Cordless Floor Vacuum Cleaner)**

Multifunctional disassembly design, cleaning the entire house.

Read instruction manual carefully before use.

It can be disassembled and turned into a portable suction, cleaning all parts of the home; It can also be combined into a floor scrubber to deeply clean various floors. Convenient self-cleaning, no need for hand washing. Hot air drying, rolling brush is dry and odorless.



Safety Instructions

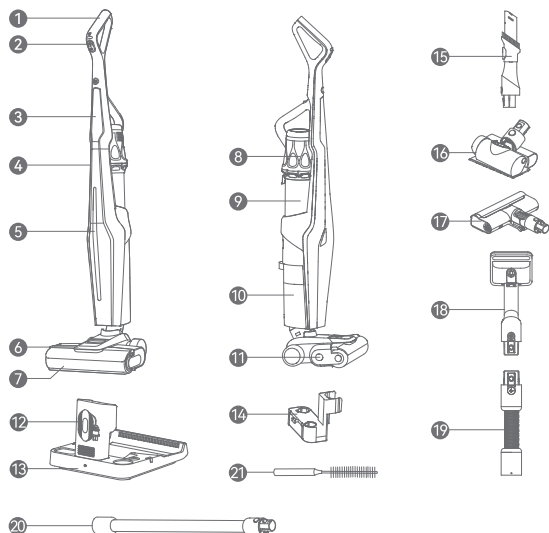
This product is intended for household use only. Please read this user manual carefully before using the product and keep it properly.

1. This product is only used for floor cleaning in home environments. Do not use it outdoors, on non-floor surfaces, in commercial or industrial environments.
2. 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.
3. Children should be supervised to ensure that they do not play with the appliance
4. 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.
5. This appliance contains batteries that are only replaceable by skilled persons.
6. Do not touch the plug or any live parts of the product with wet hands to avoid the risk of electric shock.
7. It is prohibited to rinse with water or submerge in water the parts of the product body other than the detachable components. It is also prohibited to expose the product to direct sunlight or burn it.
8. It will be dangerous if the product is used on the power cord.
9. The power plug should be unplugged before the product is cleaned and maintained.
10. If the power cord is damaged, in order to avoid danger, it must be replaced by professionals from the manufacturer, its maintenance department or similar departments.
11. Please do not use this product to suck in high-temperature substances (such as unextinguished cigarette butts, matches or hot ashes, etc.), ultra-fine substances (such as lime, cement, wood chips, gypsum powder, ashes, charcoal powder, etc.), dangerous items (such as solvents, detergents, etc.), corrosive chemical substances, foamy liquids and other substances with uncertain physical properties.
12. Please do not use this product to suck flammable and explosive liquids such as gasoline, and it is prohibited to suck in toxic solutions, such as ammonia bleach, ammonia water, sewer cleaners or other liquids.
13. Please do not use this product to suck sharp substances (such as glass fragments, toys, pins, paper clips, stones, gypsum, large pieces of paper, etc.). These substances may cause blockages and damage to the product.
14. Please do not use this product to suck stains with strong grease, strong stickiness or strong dyeing properties such as shoe polish, paint, pigments, etc.

Safety Instructions

15. Please do not charge or store the product near heat sources or in damp areas (such as radiators, kitchen, bathroom).
16. When the product malfunctions, such as the body overheating, making abnormal noises, emitting strange smells, or having weak suction, it is recommended to contact the official after-sales service. Do not repair it by yourself.
17. When using this product to clean stairs, please pay close attention to personal safety.
18. Do not use the product in an environment with a temperature higher than 40 °C or lower than 5 °C.
19. Except for the detachable parts described in the instruction manual, please do not disassemble or assemble other parts by yourself, otherwise it will lead to danger.
20. Please charge according to the rated voltage on the charging base station.
21. When cleaning stairs, you should be extremely cautious to prevent falls.
22. When the product is working, please do not lift it up and down, carry it, tilt it to one side or lay it flat to prevent liquid from flowing back into the motor.
23. Do not use the product if the clean water tank and the dirty water tank are not installed correctly.
24. Do not place any small objects at the air outlet or block the air outlet. Promptly remove all small objects that may hinder the smooth airflow of the air outlet to prevent the product from overheating.
25. Do not wet the body of the product to avoid the risk of fire or electric shock caused by a short circuit of the product.
26. To ensure the product quality, quality inspection tests will be carried out on this product before it leaves the factory. If a small amount of water remains in the product's water tank, it is a normal phenomenon.
27. Please use this product according to the instructions in the instruction manual. Any losses caused by improper use shall be borne by the user.
28. During the use process, please pay attention to replenishing tap water in the water tank in a timely manner. Do not add disinfectants, essential oils, vinegar, perfumes, etc. to the water tank to avoid damaging the machine.

Product Introduction



- | | | |
|--------------------------------|--------------------------------------|------------------------|
| 1 Handle | 2 Button | 3 Display Screen |
| 4 Main Unit | 5 Clean Water Tank | 6 Floor Brush |
| 7 Roller Brush | 8 Main Body | 9 Dust Cup |
| 10 Dirty Water Tank | 11 Side Cover of the Roller Brush | 12 Power Cord |
| 13 Base Station | 14 Base Station Accessory Rack | 15 2-in-1 Crevice Tool |
| 16 Electric Mite Removal Brush | 17 Electric Soft Bristle Floor Brush | 18 Hair Cleaning Brush |
| 19 Extension Hose | 20 Metal Extension Hose | 21 Cleaning Brush |

Packing List

Name	Quantity
Main Unit	1
Handle	1
Charging Base Station	1
Cordless Floor Vacuum Cleaner	1
Cleaning Brush	1
Hair Cleaning Brush	1
Extension Hose	1

Name	Quantity
Electric Mite Removal Brush	1
2-in-1 Crevice Tool	1
Metal Extension Hose	1
Base Station Accessory Rack	2
Electric Floor Brush	1
Roller Brush	2

Installation

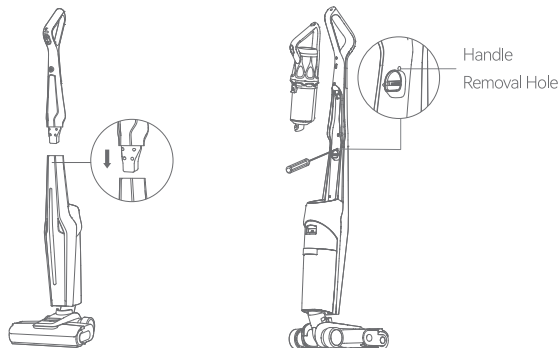
Handle Installation and Removal

1. Installation

Insert the end of the handle into the port of the main unit in the vertical direction. After hearing a "click" sound, make sure that the handle is firm without looseness, which means the installation is successful.

2. Removal

First, remove the handheld vacuum cleaner. Then insert a tool into the handle removal hole, hold the handle and pull it upward. When pulling, remove the tool at the same time.

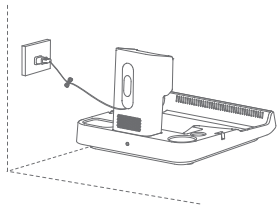


⚠ Attention: If the buttons do not respond when using it for the first time, please check whether the handle is installed stably without looseness.

Installation

Installation of the Charging Base Station

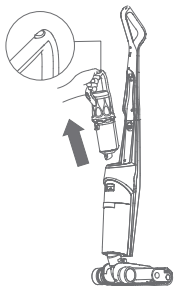
Place the charging base station against the wall, and then plug the adapter into the socket.



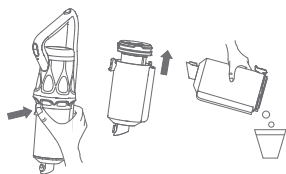
Attention:

- Please do not place it near heat sources or in damp areas (such as radiators, kitchens, bathrooms).
- Please do not disassemble, repair or modify the charging base station privately.
- Please do not use any third-party batteries or charging base stations.

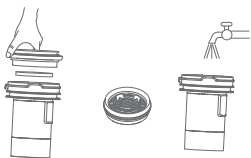
Disassembly and Installation of Floor Vacuum Cleaner



1. As shown in the figure, press the release button between the floor vacuum cleaner and the main body, and then take out the floor vacuum cleaner.



2. As shown in the figure, press the dust cup release button, and then take out the dust cup and the cyclone separator in sequence to empty the cleaner.



3. As shown in the figure, take out the HEPA assembly and the filter sponge, and then clean the HEPA filter element and the cyclone separator.

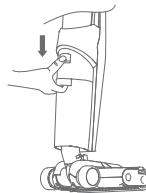
4. Install the HEPA, the filter sponge and the cyclone separator in turn, and then put the dust cup back into the handheld vacuum cleaner. When you hear a "click" sound, it means the installation is successful.

Note:

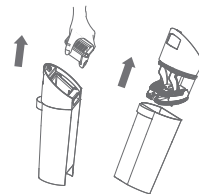
If you have cleaned the filter sponge and the cyclone separator, please let them dry before putting them back into the dust cup.

Installation

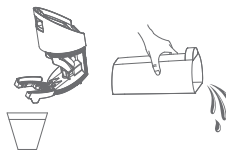
Disassembly and Installation of Dirty Water Tank



1. As shown in the figure, press the dirty water tank release button and take out the dirty water tank.



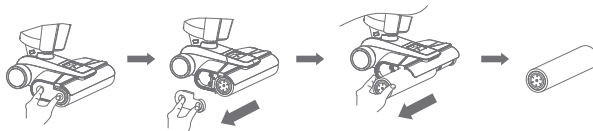
2. As shown in the figure, take out the filter element upward and open the head cover of the dirty water tank obliquely upward.



3. Empty the garbage.

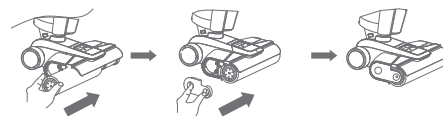
4. Install the filter element and the head cover in sequence, and then put the dirty water tank back into the floor washer. When you hear a "click" sound, it means the installation is successful.

Disassembly and Installation of Roller Brush



1. Disassembly

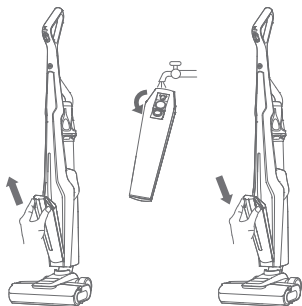
Before disassembling the roller brush, turn off the machine first. Then pinch the side cover release buttons tightly towards the middle with both hands, take out the side cover of the floor brush outwards, and then pull out the roller brush by hand.



2. Installation

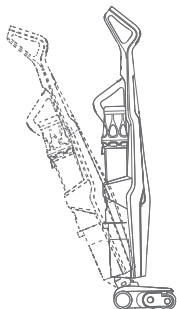
After the roller brush is installed in place, press the side cover of the floor brush inward. When you hear a "click" sound, it means that the installation is in place.

How to Use



Adding Clean Water

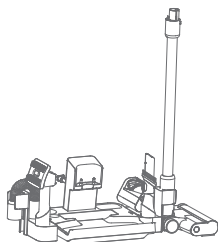
- 1) Press the buttons on both sides of the clean water tank and lift the clean water tank obliquely upward along the direction of the machine body.
- 2) Open the tank cover, pour tap water into it and then fasten the tank cover tightly. The amount of water injected should not exceed the MAX line.
- 3) Insert the clean water tank obliquely downward along the machine body into the main unit. When you hear a "click" sound, it means that the installation is in place.



Power On/Standby

- 1) If the machine cannot be turned on when used for the first time, please charge the machine until the power grid display shows more than one grid.
- 2) After charging, briefly press the [Power Button] to turn on the machine.
- 3) When turning off the machine, in order to prevent residual sewage, the floor washer will delay for 3 seconds before shutting down.

Warm Tips: When using it for the first time or when the roller brush is rather dry, it is recommended to moisten the roller brush before scrubbing the floor so as to achieve a better cleaning effect.



Storage and Use Guide-Attachment Rack of the Charging Base Station

Insert the attachment rack of the charging base station into the attachment rack slot of the charging base station, and install and store the attachments in the way shown in the picture.

How to Use

Button Functions

Fixed-point Water Spray Button

- Briefly press the [Fixed-point Water Spray Button] to activate the fixed-point water spray function of the floor vacuum cleaner.
- Long press the [Fixed-point Water Spray Button] to activate the fixed-point water spray and long-time water spray functions.



Power Button

- Briefly press the [Power Button] to start the floor vacuum cleaner.
- Briefly press the [Power Button] again to turn off the floor vacuum cleaner.
- When the main unit is placed on the base station, long press the [Power Button] to start the quick drying function.

Mode Switch Button

- The standard mode is turned on by default when the machine is powered on. Briefly press the [Mode Switch Button] to cyclically switch among cleaning modes (Standard → Sterilization → Water Absorption).
- Long press the [Mode Switch Button] to turn on/off the voice function.

Self-cleaning Button

- 1) When the main unit is in normal use, long press the [Self-cleaning Button] to turn on/off the floor brush light.
- 2) When the main unit is placed back on the base station of the charging station, tap the [Self-cleaning Button] to start the self-cleaning mode.
- 3) In the self-cleaning mode, tap the [Self-cleaning Button] to pause/resume the self-cleaning.

Explanation of Display Icons



Standard Mode



Sterilization Mode



Water Absorption Mode



Self-cleaning Mode



Dirty Water Tank Full or Clean Water Tank Low on Water



Pipeline Blocked



Roller Brush Jammed



Mute Indicator Light



Standard Mode



Sterilization Mode



Water Absorption Mode



Self-cleaning Mode

1. Standard Mode

Standard Mode: This mode is suitable for daily cleaning and can be used in combination with cleaning liquid.

2. Sterilization Mode

Sterilization Mode: It is suitable for cleaning floors with more stains.

3. Water Absorption Mode

Water Absorption Mode: It is suitable for cleaning floors with more water stains.

4. Self-cleaning Mode

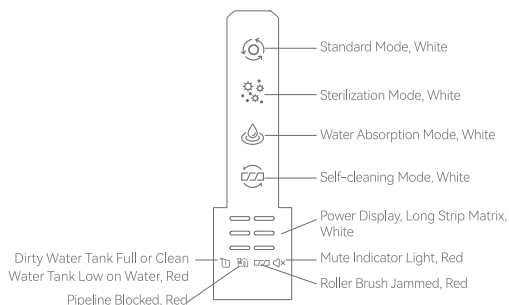
- 1) Self-cleaning can be carried out when the main unit is placed on the charging base station for charging.
- 2) Before self-cleaning, please make sure that the clean water tank is full and the waste water tank is empty. After self-cleaning is completed, please clean the waste water tank in a timely manner.

How to Use

Precautions

- 1) If the battery level of the floor washer is low, please charge it first before performing self-cleaning.
- 2) If the waste water tank is reported to be full during the self-cleaning process, please clean the waste water tank in a timely manner and then continue with the self-cleaning. If the waste water tank is reported to be full during the self-cleaning process, please clean the waste water tank in a timely manner and then continue with the self-cleaning.
- 3) During the self-cleaning process, the surface of the PTC metal sheet is at a high temperature and can easily cause burns. Please do not touch it directly. (Only applicable to P40 PROW)

LED Display Screen Instruction and Operation



Charging and Power Display

During the usage process: When the power display is less than 20%, it indicates that the power is low and please charge the device in time.

Charging status:

- 1) When a single grid of the power matrix grid shows a breathing and blinking light, it means that the device is being charged.
- 2) When all six grids of the power matrix grid are fully lit, it means that the device has been fully charged.

Attention:

- 1) When using the floor washer for the first time, the machine has a small amount of power when it leaves the factory. It is necessary to connect it to the intelligent charging base station for charging. It is recommended to use it after it is fully charged.
- 2) For the first three times of charging, it is recommended to charge it for 12 hours each time. For daily use afterwards, you can charge it as needed.
- 3) When the power grid display shows more than one grid, the self-cleaning function can be carried out.

Product Parameters

Main Unit

Product Name: Water-absorbing Vacuum Cleaner (Cordless Floor Vacuum Cleaner)
 Product Model: DEM-P40 PROW Operating Power: 350W
 Operating Voltage: 21.6V ---

Cordless Floor Vacuum Cleaner

Product Model: DEM-P40SC Operating Power: 150W Charging Voltage: 26V ---
 Operating Voltage: 21.6V --- Charging Current: 1A

Charging Base Station

Product Model: DEM-A30JZ-KG Rated Power: 460W
 Rated Voltage: 220-240V~ 50-60Hz Rated Output: 26V --- 1A

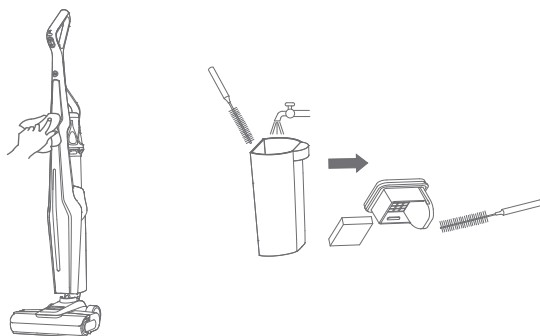
Electric Floor Brush

Product Model: DEM-XCQDS01-18V Operating Power: 40W
 Operating Voltage: 18V ---

Electric Mite Removal Brush

Product Model: DEM-T20CMS Operating Power: 15W Operating Voltage: 12V ---

Cleaning&Maintenance



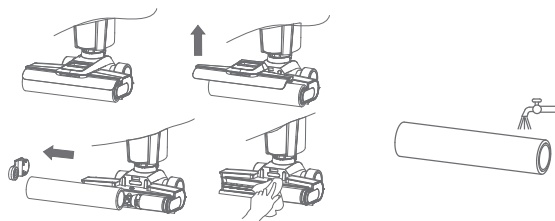
1. Cleaning of Main Unit

Please turn off the floor washer before cleaning, and then use a rag to wipe the dirty parts of the floor washer.

2. Cleaning of the Waste Water Tank

Press and hold the button downward, remove the waste water tank, and then rinse all the components clean with clean water. For stubborn stains, user can use a cleaning brush to assist with the cleaning.

Cleaning&Maintenance



3. Cleaning of the Floor Brush and Pipeline
Remove the roller brush cover plate and the roller brush. You can use a cleaning brush to clean the inner wall of the floor brush and the dirt in the suction pipe once, and then wipe them clean with a dry rag.

4. Cleaning of the Roller Brush
Take out the roller brush and rinse it clean with clean water.

Battery Disposal Methods

The chemical substances contained in the lithium-ion battery built into this product may cause pollution to the environment. Before discarding it, please have it removed by professional personnel and hand it over to professional battery recycling institutions for centralized disposal.

- Before discarding the appliance, the battery must be removed from the appliance;
- When removing the battery, the appliance must be powered off;
- The battery should be disposed of safely.

Battery Disassembly

- 1) Use a suitable screwdriver to remove the two screws on the rear cover plate of the handheld vacuum cleaner, pry open the rear cover plate of the handheld vacuum cleaner, and then take off the rear cover plate of the handheld vacuum cleaner.
- 2) Use a suitable screwdriver to remove the four screws of the parts between the handheld vacuum cleaner and the handheld dust bucket, and take out the internal components.
- 3) Use a suitable screwdriver to remove the three screws that fix the battery assembly, disconnect the internal terminal wiring, and take out the battery pack assembly.
- 4) Use a suitable screwdriver to remove the two screws on the PCB board, pull out the nickel sheets connecting the main board and the PCB board (be careful not to let the positive and negative poles touch each other to cause a short circuit), and then remove the bracket. At this time, the battery cells can be separated for disposal.

Troubleshooting

⚠ When the floor vacuum cleaner fails to work normally and the display screen shows abnormal information, please read the content on the screen and handle the abnormal situations according to the following table.

Fault Phenomenon	Possible Reasons	Handling Methods
	The dirty water tank is full or the clean water tank is short of water	Put the dirty water tank back after cleaning it or put the clean water tank back after replenishing water
	The suction port of the dirty water tank/dust cup/floor brush is blocked	Please check whether there are foreign objects blocking the suction ports of the dirty water tank, dust cup and floor brush
	The roller brush is tangled	Check whether the roller brush is tangled or blocked by foreign objects, and smooth the bristles of the roller brush according to the operation instructions
The floor vacuum cleaner doesn't work	1. The power is exhausted.	1. Use it after fully charging the battery
	2. The battery is under overheat protection.	2. Wait until the battery temperature returns to normal and then try again
	3. The waste water tank, clean water tank or roller brush is not installed.	3. Install the dirty water tank in the correct steps, clean water tank and roller brush
	4. The waste water tank is full.	4. Put the dirty water tank back after cleaning it
	5. There is no water in the clean water tank of the floor washer.	5. Add water manually
	6. The pipeline of the floor brush or waste water tank is blocked.	6. Clean the floor brush and the pipeline
	7. The roller brush is tangled.	7. Remove and clean the roller brush
	8. The detection handle is not installed in place.	8. Reinstall the handle
The floor vacuum cleaner doesn't spray water	1. The clean water tank is short of water	1. Please add water to the clean water tank
	2. The clean water tank is not installed properly	2. Reinstall the clean water tank
The bottom of the floor vacuum cleaner leaks water	1. The filtering component is not installed	1. Please install the filtering component
	2. The filtering component is wet and not dried	2. Please install it after drying
	3. There is too much water and it has not been completely absorbed	3. It is recommended to use the water-absorbing mode

Troubleshooting

Fault Phenomenon	Possible Reasons	Handling Methods
Shutting down during use	1. The prototype is protected and reports a fault	1. Handle according to the prompts of the fault light
	2. The power is exhausted	2. Please charge
	3. The handheld device is not installed properly	1. Reinstall the handheld device and make sure the red button rebounds in place 2. Or check whether there are foreign objects at the connection terminals between the main unit and the handheld device. Wipe them with a dry tissue before using
Unable to charge	1. The floor vacuum cleaner is working	1. When the main unit is performing self-cleaning, it cannot be charged. It will automatically enter the charging state after the work is finished
	2. The charging base station is not powered on	2. Check whether the power cord plug is inserted properly
	3. The original power cord is not used	3. Use the original power cord
	4. The floor vacuum cleaner is not placed properly when put back on the charging base station	4. Place the main unit again to ensure it is placed properly
	5. The handheld device is not installed or not installed properly	5. Put the handheld device back and make sure it is assembled properly
No voice	Voice broadcast is turned off	Long press the [Mode Switch] button to turn on the voice broadcast.
Unable to perform self-cleaning	1. The dirty water tank is full	Put the dirty water tank back after cleaning it
	2. The dirty water tank or the clean water tank is not installed	Put the dirty water tank or the clean water tank back
	3. The power is low or exhausted	Use the self-cleaning function when the power is full

Troubleshooting

If the fault still exists, please contact a franchised maintenance department of the Company for solution.



All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.