

GARDENLINE®

Garden Mulcher

User Guide



After Sales Support

Now you have purchased a Gardenline® product you can rest assured in the knowledge that as well as your 1 year parts and labour guarantee you have the added peace of mind of dedicated helplines and web support.



GARDENLINE®

Garden Mulcher

Warranty Details

The product is guaranteed to be free from defects in workmanship and parts for a period of 12 months (dependant on product) from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under 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 acceptable quality and the failure does not amount to a major failure.

After Sales Support

Telephone: 1300 922 271
Email: service.australia@einhell.com





GARDENLINE®

Garden Mulcher

Repair and Refurbished Goods or Parts Notice

We never want a faulty product, but unfortunately this happens from time to time.

Before accepting your goods for repair, we would like to let you know that if it is capable of retaining user-generated data, such as files stored on a computer hard drive, telephone numbers stored on a mobile telephone, songs stored on a portable media player, games saved on a games console, and files stored on a USB memory stick. During the process of repair, some or all of your stored data may be lost. **We recommend that you have saved this data elsewhere prior to repair.**

We would also like to let you know that if goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. **Refurbished parts may be used to repair the goods.**

If at any time you feel your rights are not being addressed or your repair is being handled unsatisfactorily, you may escalate your complaint further. Please telephone us on 1300 922 271 or write to us at:

Einhell Australia Pty. Ltd.

6/166 Wellington Street, Collingwood, VIC 3066, Australia

Telephone: 1300 922 271 (Operating Hours: Mon-Fri 8:30am to 5:30pm EST)

Email: service.australia@einhell.com

After Sales Support

Telephone: 1300 922 271

Email: service.australia@einhell.com



AFTER SALES SUPPORT



1300 922 271



service.australia@einhell.com

3

MODEL NUMBER: RLH 2450FB, 03/12

Contents

03	General Information & Safety Instructions
06	Assembly and Parts List
09	Features
10	Instructions
12	FAQ
12	Useful Information

What your 1 year warranty means

Congratulations on choosing to buy a Gardenline® product. By doing so you now have the assurance and peace of mind that comes with purchasing a product made by one of Australia's leading suppliers.

All products brought to you by Gardenline® are manufactured to the highest standards of performance and safety, and, as part of our philosophy of customer service and satisfaction, are backed by our comprehensive 1 Year Guarantee.

Please fill in and return the Guarantee Card to the address provided.

We hope you will enjoy using your purchase for many years to come.

AFTER SALES SUPPORT



1300 922 271



service.australia@einhell.com

General Information & Safety Instructions

1



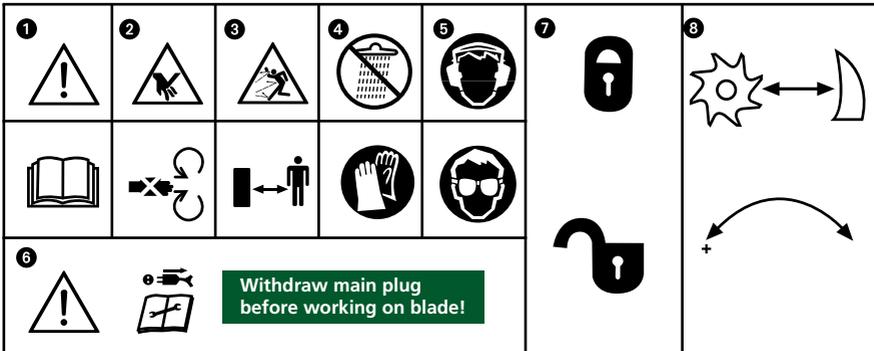
When using the equipment, a few safety precautions must be observed to avoid injuries and damage.

1. Read the operating instructions carefully and comply with them at all times. It is important to consult these instructions in order to acquaint yourself with the unit, its proper use and the important safety regulations.
2. Keep this manual in a safe place, so that the information is available at all times.
3. If you give the equipment to any other person, make sure that you pass on these operating instructions as well.

We can accept no liability for damage or accidents which arise due to non-compliance with these instructions.

6. Always set the ON/OFF switch to OFF and pull the power plug out of the socket-outlet before doing any work on the mulcher, e.g. cleaning the mulcher and making adjustments, or if the power cable becomes damaged.
7. Explanation of the safety switch on the debris box: The switch is in the "Lock is closed" position: The mulcher material debris box is locked. The mulcher can be switched on. The switch is in the "Lock is open" position: The shredded material debris box is not locked and can be removed. The mulcher cannot be switched on.
8. Explanation of the lever for adjusting the counter blade: Turning clockwise reduces the distance between the cutting unit and the counter blade. Turning counterclockwise increases the distance between the cutting unit and the counter blade.

Caution! The cutters continue to run for a few seconds after the motor is switched off.



Safety information

Description of the warning sign on the machine

1. Important! Read the operating instructions and follow the warnings and safety instructions
2. Take care when the blades are rotating. Do not put your hands or feet into openings when the machine is running.
3. Important: Keep other persons and animals away from the danger zone.
4. Important: Protect the machine from the damp and never expose it to rain.
5. Important: Always wear safety goggles, ear defenders, protective gloves and heavy-duty work clothes!

General Safety information

Caution! The ON/OFF switch must be set to OFF and the power plug removed from the socket outlet before cleaning or doing any other work on the mulcher and whenever the cable becomes tangled. The mulcher will continue to run briefly after it is switched off.

1. The mulcher is not to be used by individuals under 16 years of age or any other persons who are not acquainted with these directions for use.
2. The operator is responsible for the safety of third parties within the working radius of the mulcher.



3. Make sure that the mulcher is properly closed (loading funnel and ejector) before you start up the motor
4. The mulcher must be placed on a flat and firm surface where it can stand securely.
5. We recommend ear-defenders when working with mulchers which have no noise-insulating features.
6. Each time before you leave the mulcher, switch off the motor and pull out the ignition key, spark plug connector or power plug.
7. Maintenance and cleaning work on the mulcher as well as the removal or adjustment of any safety devices may only be performed when the motor is at a standstill and the ignition key, spark plug connector or power plug has been pulled out.
8. The safety devices supplied with the mulcher (e.g. the ejector) must be used.
9. The mulcher must be assembled correctly before it is put into operation.
10. Examine the mulcher each time before you use it. Do not use the mulcher if any safety devices are damaged or worn. Never put safety devices out of operation.
11. Use the mulcher only for the purpose specified in these instructions.
12. Work only in good visibility.
13. Always make sure of your footing while working.
14. Never leave the mulcher unattended at your work place. Store the mulcher in a safe place during interruptions.
15. If you interrupt your work to move to a different position it is imperative to switch off the mulcher while you are moving there.
16. Never use the mulcher in the rain or in moist or wet conditions.
17. Protect the mulcher from the damp and rain.

18. Always wear suitable clothing to protect your head, hands and feet from injury. Wear a helmet, goggles or visor, high boots or strong shoes, long trousers made of tough material, and work gloves.

19. Keep the mulcher away from other persons, particularly children and pets.

Caution! The guard is vital for your safety and for the safety of others, and it is also essential for the mulcher to work correctly. Failure to observe this instruction will not only create a potential hazard, it will also result in the loss of your rights under the warranty.

20. Keep the air vents clear of dirt.

21. After use, unplug the machine and check it for damage.

22. When you are not using the mulcher, keep it in a dry place out of the reach of children.

23. Check the screws regularly to see that they are properly tightened.

24. The mains voltage must be the same as the voltage specified on the rating plate.

25. Plug connectors must be equipped with earthing contacts and the coupling must be rain-water protected. It is recommended that an RCD (Residual Current Device) is fitted into the mains supply for added safety.

- Do not use 2-core extension leads with power tools which require an earth - always use 3-core leads with an earth supply marked for outdoor use.

- Always unwind any extension reels fully.

- For extension reels up to 25 metres use a wire cross section of 3x1.5mm². For extension cords over 25 metres use a wire cross section of 3x2.5mm².

26. Use only original replacement parts for repair and maintenance purposes.

27. Have repairs carried out only by a qualified electrician.

28. Examine the mulcher for signs of wear or damage each time before you use it and after any collisions. Have essential repairs carried out without delay.



29. Never use replacement parts or accessories which are not recommended by the manufacturer.
30. Pull out the power plug before carrying out any inspection, cleaning or other work on the mulcher and whenever it is not being used.
31. Before you begin your work, examine the material you want to shred. Remove any foreign bodies. Continue to watch out for foreign bodies while you are working. If you come across any foreign bodies while shredding, shut down the machine and remove the items in question.
32. Keep the machine away from other persons, particularly children and pets.
33. Use the machine only in the way described in these operating instructions.
34. If the machine has to be lifted for transporting, be sure to switch off the motor first and wait for the cutter to come to a standstill. Each time before you leave the machine, switch off the motor and pull out the power plug. Before you connect the machine to the power supply, make sure that the loading funnel is properly connected to the motor housing and the release screw tightened.
35. If the garden mulcher vibrates excessively, turn off the motor, pull out the power plug, and find out immediately what is causing the vibrations. Intensive vibration is usually a sign that something is wrong.
36. Do not wear loose clothing or clothing with hanging belts or cords.
37. Do not use the machine on a paved area that has been graveled where discharged material may cause injuries.
38. Ensure that the loading funnel inlet is empty before you start the machine.
39. Keep your head and body away from the infeed opening.
40. Do not move your hands, other body parts or clothing into the infeed chamber, ejector chute or near other moving parts.
41. Make sure that you are balanced and standing on a firm surface at all times. Do not stretch forwards. Never stand higher than the machine when feeding material into it.
42. Keep away from the discharge zone when you start the machine.
43. If foreign bodies get into the cutting tool or the machine generates unusual noises or vibrates in a strange way, switch off the motor immediately and allow the machine to come to a standstill. Pull the plug and carry out the following work:
 - Check the machine for signs of damage
 - Check that all the parts are secure and tighten them if necessary.
 - Have any damaged parts replaced or repaired, but use only spare parts of the same type and equivalent quality
44. If the machine is blocked switch off the motor and pull the plug before you start the cleaning procedure. Ensure that the motor is clear of waste and other accumulations to protect the motor from suffering damage or possibly catching fire.
45. Ensure that all the covers and guards are in position and in good working order.
46. Do not tip the machine whilst the motor is running.
47. Switch off the machine before you fit or remove the collection container.
48. The tool may only be used outdoors (i.e. not in the vicinity of a wall or any other ridged object)
49. Damaged or illegible labels must be replaced
50. Allow the tool to cool before carrying out any main tenance work, adjustments, etc.
51. Never use the machine while other people are nearby.
52. When inserting material take special care to ensure that it does not contain any metal, stones, bottles, cans or other foreign bodies.
53. Do not allow processed material to accumulate within the discharge area; this could prevent the machine being able to discharge correctly and result in material recoiling through the infeed opening.



54. When servicing the cutting tool, remember that it may still be moving due to the starting mechanism, even if the motor is not running because of the cover interlock.
55. Children must not be permitted to use the machine.
56. The device must only be supplied via a residual current device with max. 30mA tripping current.

Proper use

This garden mulcher is designed only for mulching organic garden waste. Place biologically degradable material, e.g. leaves, branches, dead flowers etc., into the loading funnel inlet. Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

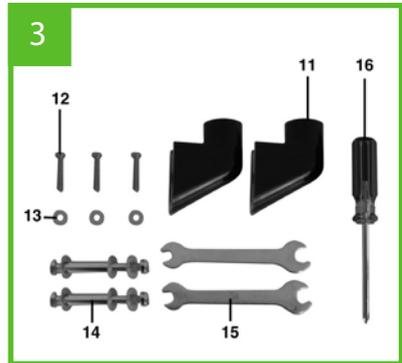
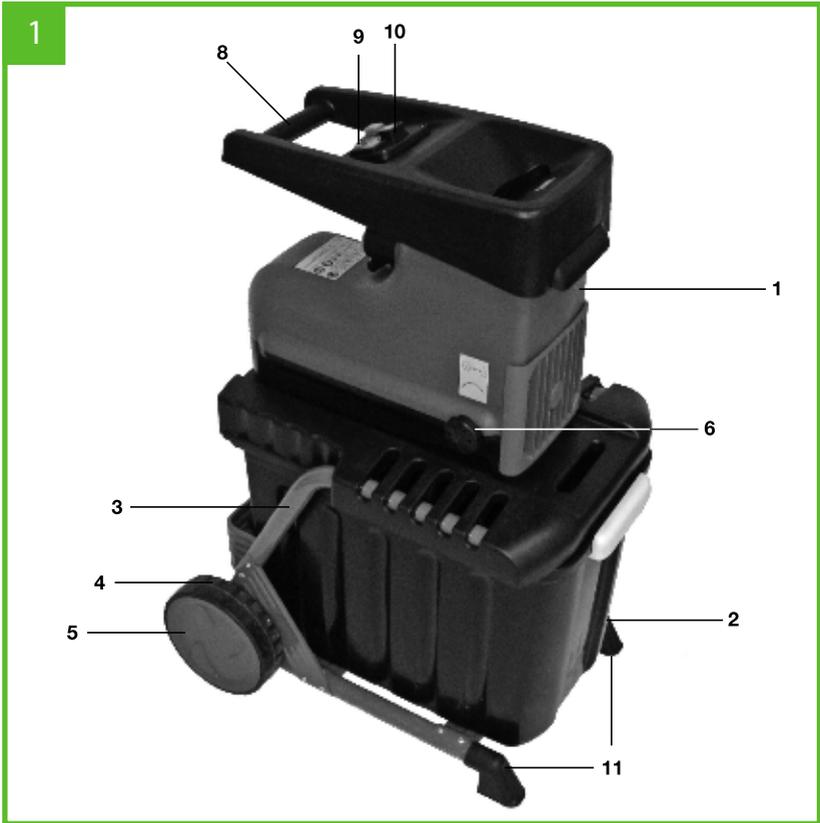
Layout (Fig.1-3)

1. Motor unit
2. Shredded material debris box
3. Base frame
4. Wheels
5. Wheel caps
6. Knob for setting the counter blade
7. Safety Switch
8. Transport handle
9. Forward/ Reverse switch
10. ON/OFF switch

Items Supplied (Fig. 1-3)

11. Legs (including fastening screw)
12. 3 x screws for fitting the motor unit
13. 3 x washers for fitting the motor unit
14. 2 x sets of screws for fitting the wheels (including wheel sleeves, washers and nuts)
15. 2 x open-ended spanners (10/13 mm) for wheels
16. 1 x Phillips screwdriver for screws

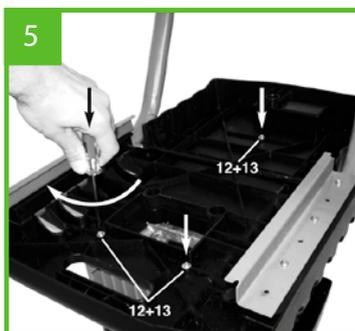




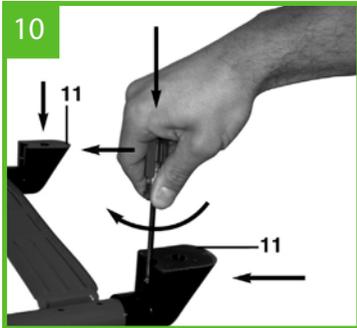
Installation

1. Take product carefully out of the packaging (2 people required). Remember: The product weight is approx. 28 kg!
Check all parts for completeness and transport damages. Do not assemble the product when parts are missing or damaged.
Screw the motor unit (Fig. 4/Item 1) and the base frame (Fig. 4/Item 3) together. Turn the product upside down. Remove the debris box. Use the screws (Fig. 3/Item 12) and washers (Fig. 3 Item 13) to do so (Fig. 5).

2. Fit the wheels to the base frame. To do so, slide one sleeve each into the hole in each of the wheels (Fig. 6). Then insert one screw with washer through each sleeve (Fig. 7) and screw the wheels to the base frame (Fig. 8). To do so, fit one washer in front of the tubular rod and one behind it. Press the wheel caps onto the wheels (Fig. 9).



3. Fit the legs (Fig. 10/Item 11) to the base frame as shown in Fig. 10.
4. Push down the safety switch (Fig. 12/ Item 7) located at the back of the debris box (Fig.12/ Item 2) before sliding it into the mount at the front as shown in Fig. 11. Ensure that the debris box (Fig.12/ Item 2) runs above the guide rails (Fig. 4/Item A).
5. Lock the shredded material debris box (Fig.12/ Item 2) with safety switch (Fig. 12/Item 7) in position by pushing it upwards.



Features

3

- 40mm maximum branch diameter.
- Approx 60 litre collection bin with integrated safety switch.
- Reverse gear in case of blockage.
- Robust undercarriage and large wheels.
- Integrated transportation handle.

AFTER SALES SUPPORT



1300 922 271



service.australia@einhell.com

Operation

Please observe the statutory regulations governing noise abatement during operating times, which may differ from town to town.

Mains connection

Connect the device with an extension lead connected to the power plug (Fig. 13/Item D). Be sure to observe the relevant information in the safety instructions.

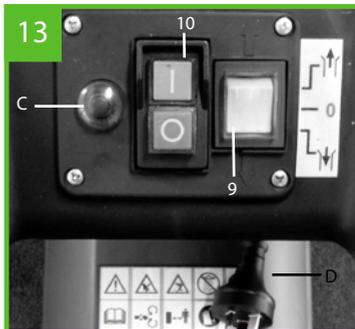
ON/OFF switch (Fig. 13/Item 10)

- Press the green knob to switch on the mulcher.
- Press the red knob to switch it off.

Note: The device has a zero voltage switch. This prevents the device restarting unintentionally after a power failure.

Safety switch (Fig. 12/Item 7)

When using the device the shredded material debris box must be securely in position and the safety switch (7) locked as shown in Fig. 12.



Important! Always wait until the mulcher has reached a standstill before you switch it on again.

Large items or pieces of wood will be discharged both in the cutting and in the release direction after the blade has been started and reversed several times.

Forward/ Reverse switch (Fig.13/Item 9)

Important! The Forward/ Reverse switch can only be moved when the mulcher is switched off.

Position “↓”

The material is automatically drawn in by the blade and shredded.

Position “↑”

The blade rotates in the opposite direction to release jammed material. After moving the Forward/ Reverse switch to the “↑” position, press and hold the green knob of the ON/OFF switch. The blade will start to rotate in the opposite direction. As soon as you release the ON/OFF switch, the mulcher will stop automatically.

Motor protection (Fig. 13/Item C)

An overload (for example if the blade is jammed) will cause the machine to cut out after a few seconds. To protect the motor from damage the motor protection switch stops the power supply automatically. Wait for at least one minute before you press the reset knob so that you can restart the machine.

Then press the ON/OFF switch.

Practical tips

1. Be sure to observe the safety instructions.
2. If the blade becomes jammed, turn the Forward/ Reverse switch to the upper position "↑" before you switch on the mulcher again.
3. Wear work gloves, goggles and ear protection.
4. Place the material you wish to shred into the opening on the right-hand side (the blade rotates anticlockwise).
5. The material is drawn into the mulcher automatically.
CAUTION! Long pieces of material projecting out of the funnel inlet may whiplash when it is drawn in – keep a safe distance between yourself and the machine.
6. Judge the quantity of material which you put into the funnel inlet so that the funnel does not clog.
7. If you want to shred withered, damp material that has been lying in the garden for several days, alternate between putting in this material and branches. This will help to prevent the loading funnel becoming clogged with material.
8. Do not shred soft waste (e.g. kitchen waste) put it straight in the compost box.
9. Entangled branches and leaves should be thoroughly shredded before loading any more material.
10. Do not allow the discharge opening to become clogged with shredded material – risk of pile-ups.
11. Do not cover the ventilation slits.
12. Do not place heavy material or thick branches into the machine continuously. This may cause the blade to jam.
13. Use a plunger or hook to remove jammed objects from the funnel or discharge openings.

Warning - Switch off the machine first and wait for it to come to a complete stop before removing debris. Do not insert your hands or other limbs in these openings.

Important! The material will be crushed, mashed and shredded by the cutting unit, thus accelerating the decomposition process for composting.

Emptying the shredded material debris box.

The level of material in the shredded material debris box can be checked by looking through the slots on the side of the cover.

Always empty the shredded material debris box in good time to prevent it from overflowing.

To empty it, proceed as follows:

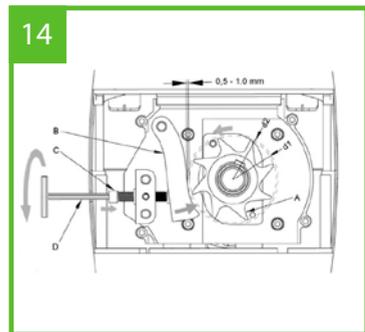
1. Switch off the device at the ON/OFF switch.
2. Release the shredded material debris box
To do so, press the safety switch (Fig. 12/Item A) down.
3. Take the shredded material debris box out at the front.
4. Insert the debris box and pull the safety switch upwards to lock the box.

Adjusting the counter blade (Fig. 14)

Adjustment must be made to suit the material that needs to be shredded. Switch the machine on for this purpose. To ensure the best possible results from your mulcher, the gap between the counter blade (Item B) and the shredding blade (Item A) should be approx. 0.50 mm.

There is an adjustment knob (Fig. 1/ Item 6) on the right-hand side of the plastic housing for this purpose. Turn the knob clockwise so that the screw (Item C) moves towards the shredding blade (Item A). After a half-turn the counter blade (Item B) will have moved 0.50 mm closer to the shredding blade (Item A). After completing this adjustment check whether the blade produces the desired results.

Caution! Do not over adjust the blade setting as contact with the counter blade causes damage.



Fault	Possible causes	Troubleshooting
The motor does not start	Power failure	Check the mains lead, plug and fuse.
	Safety switch on the debris box not locked in position	Ensure debris box is in position and locked.
Material is not drawn in by the mulcher	The shredding blade is running in reverse.	Change the direction of rotation.
	Material blockage in the filling funnel	Change the direction of rotation and pull the material out of the funnel. Feed in thick branches again so that the blade does not immediately engage again in the notches it previously cut.
	The shredding blade is jammed	Change the direction of rotation. The blade will now release the jammed material.
The material is not shredded properly	The counter blade is not set correctly	Adjust the counter blade. See page 13 on how to do so.
	Blunt blades	Call 1300 922 271 for replacement parts.

Useful Information

6

Technical data

Voltage:	240 V ~ 50 Hz
Power rating:	2400 W (S6-40%) 2000 W (S1)
Cutting unit idling speed:	40 min ⁻¹
Branch diameter:	max. 40 mm
L _{PA} sound pressure level:	88 dB (A)
L _{WA} sound power level:	106 dB (A)
Weight:	28 kg

S6 (40%) stands for a duty cycle based on 4 minutes on-load and 6 minutes off-load operation. Maximum power consumption depends on the consistency of the material being shredded.

Maintenance and storage

1. Clean the machine regularly. This will help to keep the machine in good working order and is the basis for a long working life.
2. Keep the vent slots clean while you work.
3. Clean the plastic body and other plastic parts with a mild household cleaning agent and a damp cloth. Do not use any aggressive agents or solvents for cleaning purposes.
4. Never clean the mulcher by spraying with water.
5. Prevent water getting inside the machine at all cost.
6. Check the chassis securing screws from time to time to ensure that they are tight.
7. If you do not intend to use the mulcher for a lengthy period, protect it from corrosion using environmentally friendly oil.
8. Store the device in a dry room.
9. Store the device out of reach of children.



AFTER SALES SUPPORT



1300 922 271



service.australia@einhell.com

GARDENLINE® is a registered trademark of ALDI Stores.

ALDI Guarantee

Specially made for ALDI Stores to our stringent quality specifications. If you are not entirely satisfied with this product, please return it to your nearest ALDI store, within 60 days from the date of purchase, for a full refund or replacement, or take advantage of our after sales support by calling the Customer Service Hotline.

ALDI STORES
1 SARGENTS ROAD
MINCHINBURY NSW 2770
AUSTRALIA
www.aldi.com.au

03/2012

Art.Nr: 3430542_11031

AFTER SALES SUPPORT



1300 922 271



service.australia@einhell.com

16

MODEL NUMBER: RLH 2450FB, 03/12