

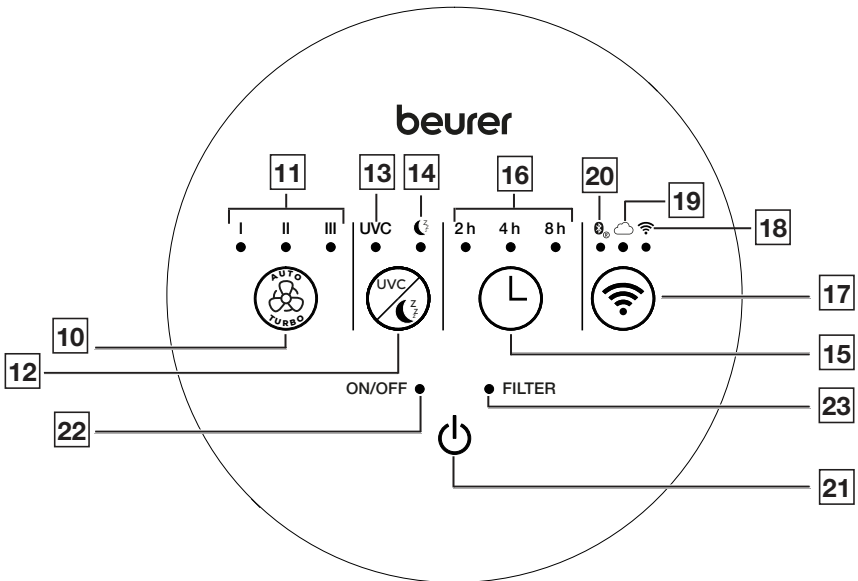
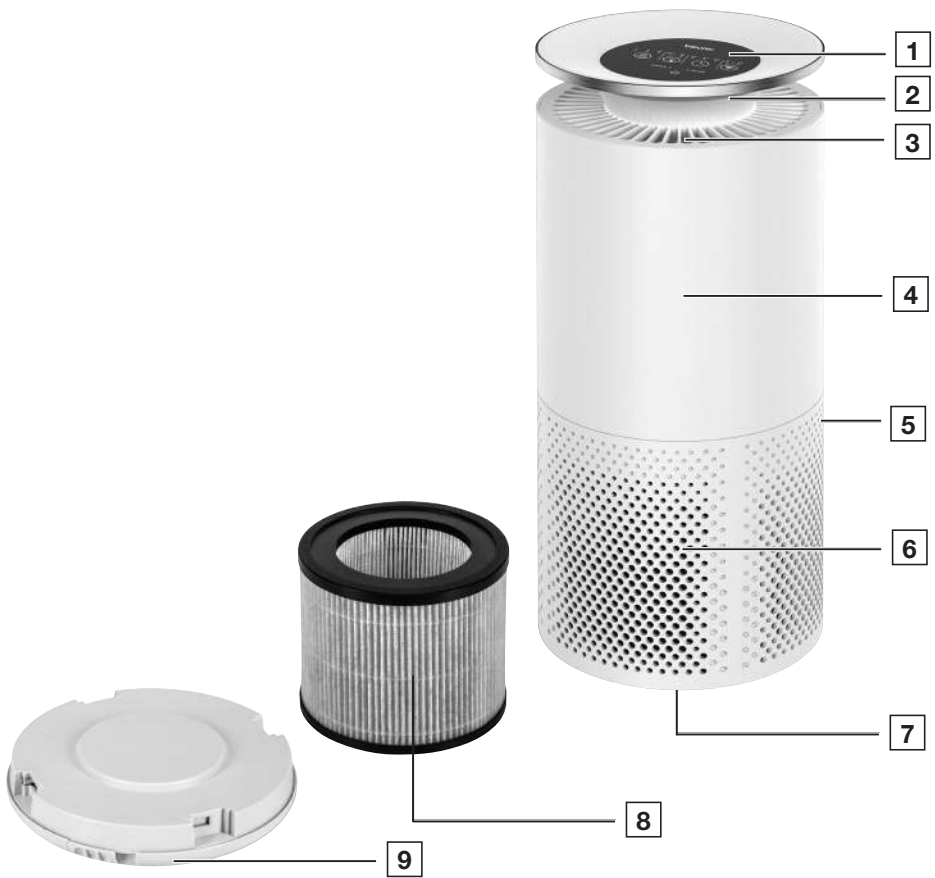
beurer

LR 400 / LR 401



EN App-controlled air purifier
Instructions for use..... 3

CE





Read these instructions for use carefully. Observe the warnings and safety notes. Keep these instructions for use for future reference. Make the instructions for use accessible to other users. If the device is passed on, provide the instructions for use to the next user as well.

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1. WARNINGS AND SAFETY NOTES

Read the notes carefully! Failure to observe the following information may result in personal injury or material damage.

⚠ WARNING

- The device is only intended for domestic/private use, not for commercial use.
- This device may be used by children over the age of 8 and by people with reduced physical, sensory or mental skills, or a lack of experience or knowledge, provided that they are supervised or have been instructed on how to use the device safely and are fully aware of the risks involved.
- Children must not play with the device.
- Children must not perform cleaning or user maintenance without supervision.
- Disconnect the device from the power supply during cleaning.
- Clean the device using only the methods specified. Under no circumstances must liquid enter the fan unit.
- Do not use any solvent-based cleaning products.
- In the event of damage to the mains connection cable for this device, the cable must be disposed of. If it is not a removable cable, the device must be disposed of.

Intended use

This device is intended exclusively for cleaning the air indoors.

This device must only be used for the purpose for which it was designed and in the manner specified in the instructions for use. Any improper use may be dangerous. Any other use not recommended by the manufacturer may result in fire, electric shock or personal injury. The manufacturer is not liable for damage resulting from improper or careless use.

WARNING

- If you suffer from a severe respiratory or lung disease, consult your doctor before using the device.
- Danger of suffocation! Keep packaging material away from children.

WARNING

Electric shock

As with every electrical device, use this device carefully and cautiously, in order to avoid hazards due to electric shock.

- Do not use the device if there is visible damage to the device or accessories (e.g. if the cable or mains plug is damaged, if the motor fan does not rotate, after a malfunction of the device or if it has been dropped or damaged in any way. In any of these cases, contact Customer Services).
- Only operate the device at the voltages indicated on the device (the type plate is located on the back of the device).
- Do not operate the device during a storm.
- In the event of defects or operational faults, switch the device off immediately and disconnect it from the mains socket.
- Do not pull on the mains cable or on the device to disconnect the mains plug from the socket.
- Never hold or carry the device by the mains cable. Keep the cable away from hot surfaces.
- Always switch off the device before disconnecting the mains plug.
- Never disconnect the mains plug with wet or damp hands.
- To avoid the risk of fire or electric shock, plug the device directly into a proper power outlet.
- In order to protect persons against electrical hazards, DO NOT immerse the device in water or other fluids. Do not use near water.
- Children cannot assess the dangers associated with the use of electrical devices. Therefore, children must always be supervised when they are near the device.
- Always unplug the air purifier before moving it, opening the housing base, changing or cleaning the filters or when the device is not in use.
- Do not place any objects in device openings or in rotating parts. Ensure that the moving parts can move freely at all times. Never drop objects into the openings of the device.
- Do not operate the device outside.
- Never block the air intake or air outlet or grilles/outlets. Do not place the device on a soft surface such as a bed or sofa, as this could cause the device to tip over and the air intake or outlet to become blocked.
- Do not place ANY objects on the device.
- DO NOT cover the cable with carpets, runners or anything similar.
- DO NOT run the cable under furniture or equipment.
- DO NOT run the cable in high traffic areas.
- Run the cable so that it does not pose a trip hazard.

- DO NOT attempt to repair or adjust any electrical or mechanical functions on this device. Failure to follow this rule shall void your warranty. Apart from the filter, there are no user-serviceable parts inside the device. Any maintenance work must be carried out by qualified personnel only.
- To reduce the risk of fire or electric shock, do not use this device with a solid-state speed controller (dimmer).
- Ensure that the openings of the device and the mains cable do not come into contact with water, steam or other liquids.
- Never reach for a device that is submerged in water. Disconnect the mains plug immediately.

⚠ WARNING

Risk of fire

There may be a risk of fire if the device is used improperly or these instructions for use are ignored.

- Never operate the device underneath a cover, such as a blanket, pillow, etc.
- Never operate the device near petrol or other highly flammable substances.
- To reduce the risk of fire, do not place the cable near heating coils, heating pads, ovens or radiators.
- Do not operate the device in close proximity to flammable or explosive gas mixtures.
- Keep the device away from sources of heat, as the housing could melt and trigger a fire.

⚠ WARNING

Repairs

- Only specialist personnel may perform repairs on electrical devices. Improper repairs may subject users to considerable danger. For repairs, please contact Customer Services or an authorised retailer.
- Do not open the fan unit.
- It is not intended to replace the UVC lamp. It is not permitted for the user to perform the replacement.















NOTE

Handling

- After each use and before each cleaning, switch off the device and pull the plug out of the socket.
- Do not place any objects on the device.
- Do not expose the device to high temperatures.
- Protect the device against sunlight and impact, and do not drop it.
- Never shake the device.
- Place the device on a firm, level and dry surface.
- Ensure that the cable does not pose a trip hazard.

2. SIGNS AND SYMBOLS

The following symbols are used on the device, in these instructions for use, on the packaging and on the type plate for the device:

	Read the instructions		Manufacturer
	Indicates a potentially imminent danger. If it is not avoided, there is a risk of death or serious injury.		Indicates a potentially harmful situation. If it is not avoided, the system or something in its vicinity may be damaged.
	For indoor use only		Separate the packaging elements and dispose of them in accordance with local regulations.
	The products demonstrably meet the requirements of the Technical Regulations of the EAEU		Protection class II device The device is double-protected and thus corresponds to protection class 2
	Disposal in accordance with the Waste Electrical and Electronic Equipment EC Directive – WEEE		CE labelling This product satisfies the requirements of the applicable European and national directives.
	Marking to identify the packaging material. A = Material code, B = Material number: 1-7 = Plastics, 20-22 = Paper and cardboard		United Kingdom Conformity Assessed Mark
	Separate the product and packaging elements and dispose of them in accordance with local regulations.		Importer symbol

3. INCLUDED IN DELIVERY

Check that the device packaging has not been tampered with and make sure that all contents are present. Before use, ensure that there is no visible damage to the device or accessories and that all packaging material has been removed. If you have any doubts, do not use the device and contact your retailer or the specified Customer Services address.

- 1 air purifier
- 1 filter (prefilter / HEPA filter class H13 / activated carbon)
- 1 instruction manual
- 1 quick start guide

4. DEVICE DESCRIPTION

The associated drawings are shown on page 3.

- | | |
|--|---|
| 1 Control panel | 13 UVC indicator (lights up when UVC light is active) |
| 2 LED light ring | 14 Sleep indicator (lights up when sleep mode is active) |
| 3 Air outlet | 15 Timer button |
| 4 Housing | 16 Timer indicator (lights up when timer is active) |
| 5 Sensor flap | 17 WIFI button |
| 6 Air intake | 18 WIFI indicator (lights up when WIFI connection is active) |
| 7 UVC light | 19 Server indicator (lights up when server connection is active) |
| 8 Filter (prefilter / HEPA filter class H13 / activated carbon) | 20 <i>Bluetooth</i> [®] indicator (lights up when <i>Bluetooth</i> [®] connection is active) |
| 9 Housing base | 21 ON/OFF button |
| 10 Fan speed button | 22 ON/OFF indicator (lights up when the device is switched on) |
| 11 Fan speed indicator | 23 Filter indicator (lights up when the filter needs to be replaced) |
| 12 UVC/sleep button | |

5. USAGE

5.1 Initial use

1. Open the cardboard packaging.
2. Remove the device from the top of the box without opening the film bag.
3. Remove all plastic films. Remove the filter **8** from the device (see “Replacing the filter” section) and take it out of the plastic film. Then re-insert the filter **8** into the device.
4. Check the device, mains plug and cable for damage.
5. Place the air purifier on a firm, level surface to prevent vibrations and noise.
6. If you want to reposition the air purifier, always use both hands to carry it upright.
7. Set up the air purifier in such a way that provides 30 cm clearance on all sides.
8. Make sure that the air intake **6** and air outlet **3** are never blocked.

5.2 Connecting the air purifier to the “beurer FreshHome” app

You can also use the basic functions of the air purifier without the “beurer FreshHome” app. The additional features, such as recording the ambient air values and setting a cleaning schedule, as well as controlling and monitoring your device when you are on the go, are only available in conjunction with the “beurer FreshHome” app.

1. Ensure that your smartphone is connected to your WIFI network.
2. Activate *Bluetooth*[®] on your smartphone.
3. Download the free “beurer FreshHome” app from the Apple App Store (iOS) or at Google Play (Android[™]). Depending on the settings for your smartphone, additional charges may be incurred for connecting to the internet or transferring data.
4. Start the “beurer FreshHome” app and follow the instructions.
5. If you want to use the air purifier without WIFI, briefly press the WIFI button **17**. The WIFI display **18** goes out, WIFI is now switched off. To switch on WIFI again, briefly press the WIFI button **17** again. The WIFI display **18** lights up, WIFI is now switched on again.

5.3 Switching on the air purifier


1. Follow the instructions in the “Initial use” section.
2. Insert the mains plug into a suitable socket. Ensure that the cable does not pose a trip hazard.
3. Press the ON/OFF button **[21]** to switch on the air purifier. When the air purifier is used for the first time, it starts on the lowest fan speed setting I.
4. The LED light ring **[2]** switches on automatically. After approx. 30 seconds, the colour of the LED light ring **[2]** will indicate the current air quality, which corresponds to the concentration of particles in the ambient air around the device.

LED light ring colour	Air quality	PM 2.5 value in $\mu\text{g}/\text{m}^3$
Blue	Good	≤ 12
Yellow	Acceptable	12.1 – 35.4
Orange	Poor	35.5 – 55.4
Red	Very poor	≥ 55.5

5.4 Selecting the fan speed and mode

The air purifier has a total of four fan speeds (I, II, III, IV) and three modes (TURBO mode, AUTO mode, NIGHT mode).

1. Switch on the air purifier using the ON/OFF button **[21]**.
2. Select your desired fan speed by pressing the fan speed button **[10]**. The fan speed indicator **[11]** shows the fan speed that is currently set.

I	Low fan speed
II	Medium fan speed
III	High fan speed
IV	Very high fan speed (all LEDs on the fan speed indicator [11] light up)
AUTO	<p>(LEDs I, II and III all flash at the same time) In AUTO mode, the fan speed is automatically adjusted in line with the ambient air quality. This means that the poorer the quality of the ambient air, the higher the fan speed automatically set by the air purifier. To activate AUTO mode, press the fan speed button [10] until all LEDs on the fan speed indicator [11] flash. To deactivate AUTO mode, press the fan speed button [10] again.</p>
TURBO	<p>(LEDs I, II and III and the UVC indicator [13] flash at the same time) To activate TURBO mode, press and hold the fan speed button [10]. In TURBO mode, the air purifier is operated at the highest speed, and the UVC light is also switched on. The TURBO mode switches off after 15 minutes and the device then switches to AUTO mode. To deactivate TURBO Mode early, press the fan speed button [10] or the UVC/sleep button [12].</p>
NIGHT 	<p>(Sleep indicator [14] lights up) In NIGHT mode, the air purifier is ultra-quiet and all light sources on the control panel [1] are switched off. To switch on the NIGHT mode, press and hold the UVC/sleep button [12] while the air purifier is switched on. The sleep indicator [14] lights up. After 5 seconds, all light sources on the control panel [1] are automatically switched off and the lowest fan speed I is activated. To exit NIGHT mode again, press and hold the UVC/sleep button [12]. The sleep indicator [14] goes out.</p>

5.5 UVC light

The UVC light eliminates germs in the air. When this happens, the UVC light activates titanium oxides that break down foul-smelling odour molecules (caused by tobacco smoke, cooking smells or animals).

1. To switch on the UVC light, briefly press the UVC/sleep button **12** while the air purifier is switched on. The UVC indicator **13** lights up as soon as the UVC light is active.
2. To switch off the UVC light, briefly press the UVC/sleep button **12** again. The UVC indicator **13** goes out.

5.6 Timer function

The air purifier features a timer function that you can use to determine the number of hours the air purifier should run for before it automatically switches itself off. You can set three different timer times (2, 4 or 8 hours) on the control panel of the air purifier **1**.

NOTE: If you have connected the air purifier to the “beurer FreshHome” app, you can set an individual timer from 1 to 24 hours in the app.

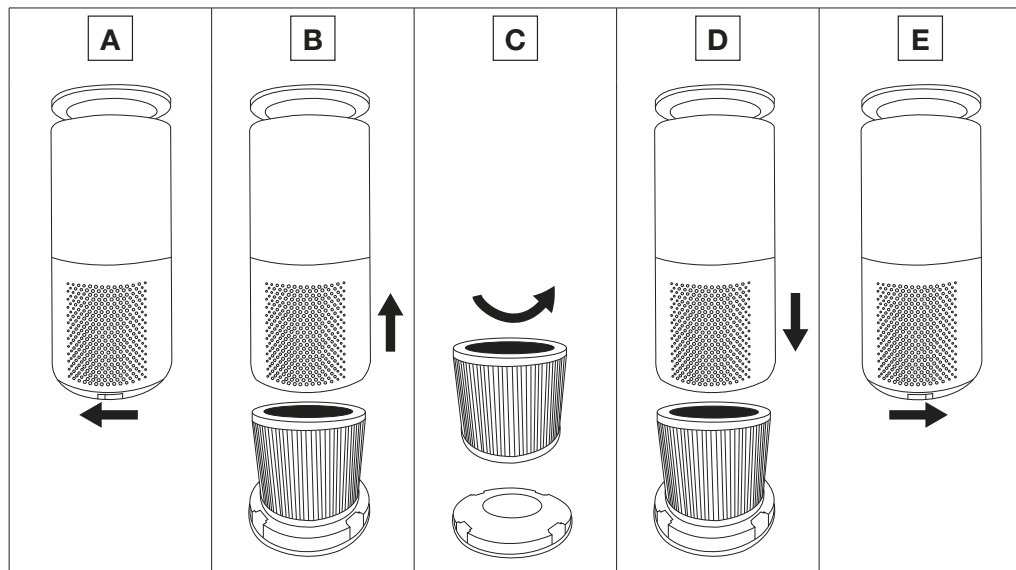
1. Use the timer button **15** to select your desired timer (2, 4 or 8). The timer that is currently set lights up in the timer indicator **16**.
2. To switch off the timer, press the timer button **15** repeatedly until all the LEDs are off in the timer indicator **16**.

5.7 Replacing the filter

We recommend replacing the filter **8** with a new one after 4320 operating hours. The filter indicator **23** will light up automatically after 4320 operating hours.

To change the filter, proceed as follows:

1. Press the ON/OFF button **21** to switch off the air purifier. Disconnect the air purifier from the socket.
2. Open the device using the slider at the side of the housing base (Figure A).
3. Lift the device up and off (Figure B).
4. Remove the old filter **8**. Dispose of the old filter properly (see chapter “Disposal”).
5. Insert a new filter in the designated position on the housing base (Figure C).
6. Re-insert the housing base (Figure D). Close the device again using the slider at the side (Figure E).
7. Press and hold the ON/OFF button on the activated air purifier for 10 seconds until the filter indicator **23** goes out.




6. CLEANING AND MAINTENANCE

⚠ WARNING

Before cleaning, always ensure that the mains plug of the air purifier has been properly disconnected.

6.1 Cleaning the filter

Regular cleaning of the filter  (once a month) is required to ensure hygienic and fault-free operation. Clean the outside of the filter with the brush attachment of a vacuum cleaner or a dry cloth.

NOTE


The three-layered filter should be changed after 4320 operating hours (see “Replacing the filter” section). The three-layered filter cannot be washed.

If you wish to change the filter at specific personal intervals (e.g. every 6 months), there is a sticker on the upper edge of the filter on which a date can be entered.

6.2 Cleaning the housing

Clean the housing of the air purifier with a slightly damp cloth (water or a mild cleaning solution). Do not use solvents, other aggressive cleaning/scrubbing agents or alcohol, as these could damage the surface.

6.3 Cleaning the PM 2.5 dust sensor

Regular cleaning of the dust sensor and its associated channel (once a month) is required to ensure fault-free operation. To do this, open the sensor flap  on the side of the device. Use a dry cotton bud to remove coarse dust from the open channel. For even better cleaning results, you can now also run the device at the highest setting to clear the loose dust. Close the sensor flap once cleaning is complete.

NOTE

Please note that using the device in a very dirty environment (such as a workshop with large amounts of dust) can cause excessive soiling of the sensor. As this contamination can cause incorrect measurements, clean the sensor more frequently in these environments.

6.4 Storage



If you do not plan to use the device for a long period of time, we recommend that you clean it and store it in the original packaging in a dry environment, ensuring it is not weighed down by additional items.

7. ACCESSORIES AND REPLACEMENT PARTS

To purchase accessories and replacement parts, please visit www.beurer.com or contact the service address for your country (see the service address list). Accessories and replacement parts are also available from retailers.

Designation	Item number and/or order number
Filter (prefilter / HEPA filter class H13 / activated carbon)	693.09

8. WHAT IF THERE ARE PROBLEMS?

Problems	Cause	Solution
The air purifier will not switch on.	The housing cover is not correctly installed.	Ensure that the housing cover is correctly installed.
	The three-layered filter is not correctly inserted.	Ensure that the three-layered filter is correctly inserted.
	The mains adapter plug is not plugged in.	Plug the mains adapter plug into a suitable socket.
Insufficient passage of air.	The filter is dirty.	Clean the filter (see “Cleaning and maintenance” section).
	The air intake/air outlet is blocked.	Ensure that the air intake/air outlet is not blocked.
The Air purifier is very loud.	There is a foreign body in the air intake/air outlet.	Remove the foreign body from the air intake/air outlet.
	The filter is clogged.	Clean the filter (see “Cleaning and maintenance” section).
	The filter is not correctly inserted.	Insert the filter correctly.
	The air purifier is positioned on an uneven surface.	Position the air purifier on a level surface.
Control panel does not light up/ nothing displayed.	The mains plug is not connected to the socket and/or is not switched on.	Connect the mains plug and switch on the air purifier.
	The device is in NIGHT mode.	Press the sleep button. The NIGHT mode is now switched off and the control panel lights up brightly.
The WIFI indicator “  ” flashes.	The Air purifier is attempting to establish a connection to the WIFI router.	If this process takes more than 1 minute, check the status of your WIFI router and/or reconfigure the WIFI access of the air purifier via the app.
The server indicator “  ” flashes.	The Air purifier is attempting to establish a connection to the server.	If this process takes more than 1 minute, try again later or reconfigure the WIFI access of the air purifier via the app.

9. DISPOSAL

For environmental reasons, do not dispose of the device in household waste at the end of its service life. Dispose of the device at a suitable collection point in your country. Observe the local regulations for material disposal. Dispose of the device in accordance with EC Directive – WEEE (Waste Electrical and Electronic Equipment).

If you have any questions, please contact the local authorities responsible for waste disposal.

You can obtain the location of collection points for old devices from the local or municipal authorities, local waste disposal company or your retailer, for example.

Dispose of the filter in a separate disposable bag. Then wash your hands thoroughly. Follow the advice of your local health authorities concerning how to handle potentially infected surfaces.



10. TECHNICAL DATA

Model:	LR 400 / LR 401
Voltage/power:	See type plate on the device
Dimensions:	Diameter: 21.5 cm Height: 50.5 cm
Weight:	approx. 3.7 kg
Suitable for room sizes:	up to 69 m ² (acc. to NRCC-54013-2011)
Volume:	NIGHT mode: < 30 dB; TURBO: approx. 52 dB
Perm. operating conditions:	+5°C to +40°C, ≤90% relative humidity (non-condensing)
Protection class:	Protection class II/☐

Subject to technical changes.

The Declaration of Conformity for this product can be found at the following address:

<https://www.beurer.com/web/we-landingpages/de/cedeclarationofconformity.php>

Data transfer

The product uses *Bluetooth*[®] low energy technology and WIFI, frequency band 2400.0 MHz – 2483.5 MHz, *Bluetooth*[®] transmission power max. 0 dBm, WIFI transmission power max. 18 dBm, compatible with *Bluetooth*[®] 4.0 smartphones/tablets.

11. WARRANTY

Further information on the warranty and warranty conditions can be found in the warranty leaflet supplied.

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Beurer GmbH • Söflinger Str. 218 • 89077 Ulm, Germany
www.beurer.com • www.beurer-gesundheitsratgeber.com • www.beurer-healthguide.com



BEURER UK Ltd., Suite 16, Stonecross Place
Yew Tree Way
WA32SH Golborne
United Kingdom

