

OPERATIONG INSTRUCTIONS

Evaporative humidifier

B 300



PLEASE READ THESE OPERATING INSTRUCTIONS CAREFULLY BEFORE STARTING ANY WORK!



Use and storage of the instructions

Read these instructions carefully before operating the Brune B 300 air humidifier. Failure to follow these instructions may result in injury, damage to the humidifier, or damage to the equipment at the installation site. Keep the instructions carefully and accessible near the device. If you pass the humidifier on to a third party, also provide them with the instructions for use. Illustrations in these instructions are for basic understanding and may differ from the actual design.

Note on commissioning

Compliance with all specified safety instructions and operating instructions is a prerequisite for safe operation. To commission the humidifier, it must be connected to the power supply and the water tank must be filled (↪ see chapter “3.2 Preparing the humidifier for operation” on page 12).

The optional connection of the humidifier to the water supply must be carried out by a qualified plumber.

Note on cleaning and maintenance

To ensure optimum operation, the evaporation filter and cleaning filter must be changed regularly. To prevent conditions conducive to germ formation, it is necessary to change the water regularly and clean the water tank and the inner walls of the device (↪ see chapter “4. Cleaning and maintenance” on page 18).

Accessories

The following accessories for the Brune B 300 evaporative humidifier are available from Brune Luftbefeuchtung Proklima GmbH:

- Safety collection reservoir / Art.-Nr.: 1752.2
- Waterfresh / Art.-Nr.: 9020, 9022
- Limesolvent / Art.-Nr.: 9016
- Cleaning filter / Art.-Nr.: 6361
- Evaporation filter / Art.-Nr.: 6360
- Automatic feeding device incl. safety pressure tube / Art.-Nr.: 6208
- external water monitor (only for AWS devices) / Art.-Nr.: 1753

Copyright protection

The contents of this manual are protected by copyright. Their use is permitted within the scope of using the device. Any use beyond this is not permitted without the written consent of Brune Luftbefeuchtung Proklima GmbH.

Customer service

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1. Safety

This section provides an overview of all important safety aspects for the protection of persons and for safe and trouble-free operation. Further task-related safety instructions are contained in the sections on the individual life phases.

1.1 Symbols in this manual

Safety instructions

Safety instructions in this manual are indicated by symbols. The safety instructions are preceded by signal words that indicate the severity of the hazard.

**DANGER!**

This combination of symbol and signal word indicates an immediately hazardous situation that will result in death or serious injury if not avoided.

**DANGER!****Danger to life due to electric current!**

This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury from electric current if not avoided.

**WARNING!**

This combination of symbol and signal word indicates a potentially hazardous situation that could result in death or serious injury if not avoided.

**NOTE!**

This combination of symbol and signal word indicates a potentially hazardous situation that could result in damage to the environment and property if not avoided.

1.2 Intended use

The B 300 evaporative humidifier is intended exclusively for humidifying and purifying the air in private homes and is not suitable for use in medical settings.

Intended use also includes compliance with all information provided in this manual.

Any use beyond the intended use or any other use is considered misuse.

Hygienic operation

When operated with clean, fresh drinking water and in accordance with this manual, the device is safe for use in private households for humidification purposes. However, drinking water contains bacteria and microorganisms. To ensure hygienic and proper operation of the humidifier, it is essential to change the water and clean the device regularly. Failure to do so may cause health problems under certain circumstances. Therefore, always follow the cleaning instructions and keep your device clean and fresh.

Storage and recommissioning

Never leave water in the container when the device is not in use.
Empty and clean the humidifier before storing it.

Misuse



WARNING!

Danger if used incorrectly!

Incorrect use of the B 300 evaporative humidifier can lead to dangerous situations and damage to the device or furnishings.

- Only fill the humidifier with fresh tap water (max. 150 CFU/ml).
- Do not add essential oils or other flammable liquids.
- Only use additives approved by Brune Luftbefeuchtung Proklima GmbH.
- Do not use fragrances or aromatics.
- Never cover the device.
- Never place objects on the humidifier. This applies in particular to electrical appliances or containers filled with liquid.
- Do not climb on or sit on the device.
- Do not transport any objects with the device.
- Do not use the humidifier in rooms with air contaminated by dust, microbes, or chemicals.

1.3 Hazards posed by the humidifier

The humidifier is built according to the latest technology and current safety requirements. Nevertheless, there are still some residual hazards that require careful handling. The residual hazards and the resulting behaviors and measures are listed below.

Electric current



DANGER!

Danger to life due to electric current!

Touching live parts of the power supply unit poses an immediate risk of death by electric shock. Damage to the insulation or individual components can be life-threatening.

- Keep moisture away from live parts. This can lead to a short circuit.
- Always unplug the power cord before cleaning or troubleshooting.
- Never immerse the device in water.
- Never point the outlet opening toward electrical devices or sockets.
- Never touch the power plug with wet hands. When unplugging the power plug, always pull on the plug, never on the cable.
- Always lay the power cable so that it cannot come into contact with sources of heat, moisture, oil, sharp objects, sharp edges, etc.

Special groups of people and children



WARNING!

Danger for specific groups of people and children!

This device is not intended for use by persons (including children) with limited physical, sensory, or mental capabilities, or lack of experience and/or knowledge.

- Supervise children to ensure that they do not play with the device.
- Packaging materials must not be used for playing. There is a risk of suffocation.
- Keep batteries away from children.

Inadequate cleaning



WARNING!

Health hazard due to inadequate cleaning!

Inadequate cleaning can release bacteria and germs.

- Replace the evaporation filter after three months at the latest.
- Always observe the intervals for cleaning, filter replacement, and water replacement described in ↗ Chapter “4.1 Maintenance table” on page 18.
- If the room air and water are heavily contaminated, shorten the time intervals accordingly.

Over-humidification



WARNING!

Excessive humidity poses a health risk!

Excessively humid air promotes the growth of mold and harmful germs.

- Do not exceed the recommended humidity level of 50-60% in living spaces.
- To prevent health risks, people with asthma, respiratory diseases, or lung problems should consult a doctor before using the humidifier.
- Do not place the device near furnishings that absorb water, such as curtains, wallpaper, and carpets.

UV-Lamp



WARNING!

Risk of injury from mercury in UV lamp!

Mercury may leak if the UV lamp is transported, operated, or handled improperly. Contact with mercury can cause severe poisoning, skin irritation, and eye damage.

- Always handle UV lamps containing mercury with care.



WARNING!

Risk of injury from UV light!

UV light irritates and damages the eyes and can cause skin irritation.

- **Disconnect the power plug before replacing the UV lamp.**
- Do not look at the UV lamp when it is switched on.
- If your eyes are exposed to the flash, cover them with a wide, opaque bandage and take the injured person to an eye clinic.

Batteries (not included)



WARNING!

Risk of injury if batteries are handled incorrectly!

If batteries are handled incorrectly, there is a risk that they may explode or that harmful liquid may leak from them. The liquid can cause chemical burns to the skin if it comes into contact with it, severe poisoning if swallowed, and blindness if it comes into contact with the eyes.

- Never attempt to charge batteries.
- Never short-circuit the contacts (positive and negative terminals) of the battery.
- Never expose batteries to moisture or humidity (rain, salt water, liquids). A damp or wet battery must not be used under any circumstances.
- Never use or store batteries in locations where there is a risk of explosion or where high temperatures may occur.
- Never attempt to solder, repair, reshape, convert, or disassemble batteries.
- Always protect batteries from unauthorized access.
- To prevent fire, overheating, explosion, or leakage of liquid, never expose batteries to violent shocks, heavy loads, or other harmful influences. Leaked liquid may ignite.
- After eye contact with leaked liquid, immediately rinse the eye, including under the eyelid, with clean water for at least 15 minutes. Direct a gentle stream of water directly into the eye and do not rub. Seek medical attention immediately.
- Avoid skin contact with leaked liquid. In case of accidental skin contact, wash the affected area with plenty of soap and water.

Unsuitable installation location



NOTE!

Risk of property damage due to incorrect placement of the humidifier!

- Only place the humidifier on level, sufficiently stable, and moisture-resistant floors.
- Do not place the device near furnishings that absorb water (e.g., curtains, wallpaper, carpets).

1.4 Environmental protection



NOTE!

Danger to the environment due to incorrect handling of environmentally hazardous substances!

Incorrect handling of environmentally hazardous substances, especially incorrect disposal, can cause considerable damage to the environment.

- Always observe the instructions below for handling and disposing of environmentally hazardous substances.

The following environmentally hazardous substances are used:

Batteries

Batteries contain toxic heavy metals. They are subject to special waste treatment and must be handed in at municipal collection points or disposed of by a specialist company.

UV lamps

UV lamps are hazardous waste and must not be disposed of with normal waste due to their mercury content. They must be disposed of by a specialist disposal company.

2. Product description

2.1 Overview Humidifier

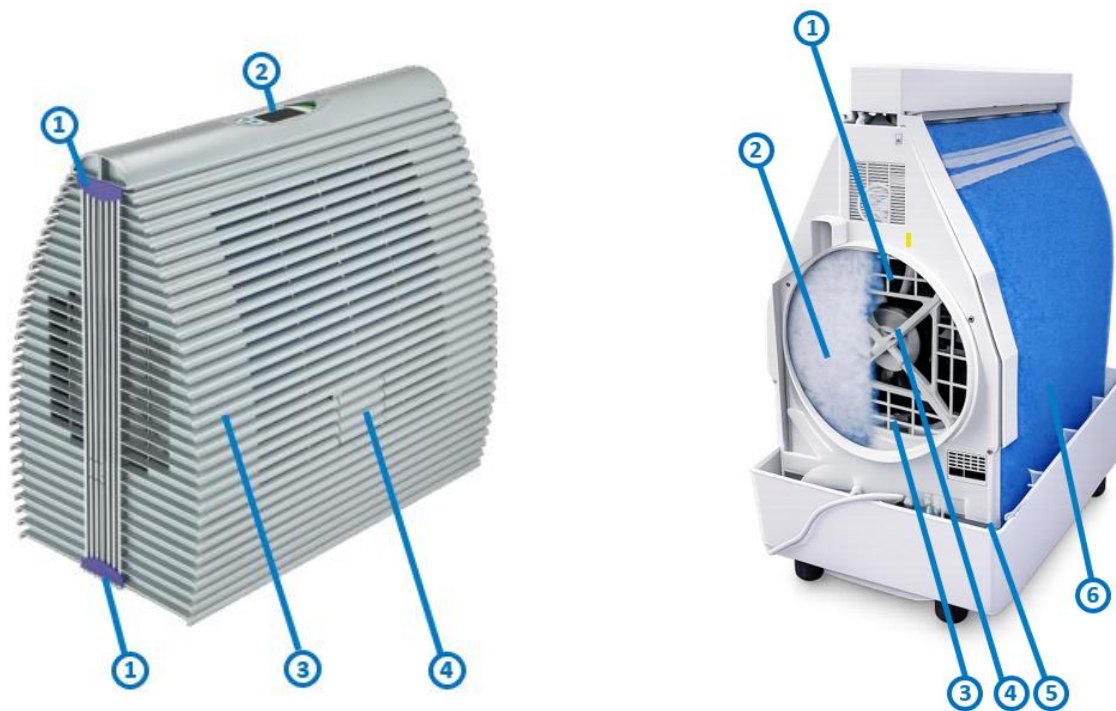


Fig. 2.1: Humidifier Overview (left: front view; right: interior view of the technical assembly)

- 1. Locking clips
- 2. Keyboard cover
- 3. Housing parts
- 4. Filling flap

- 1. Air grille
- 2. Air filter
- 3. UV-C lamp
- 4. Fan blade
- 5. Water level electrodes
- 6. Cleaning filter

Function

The humidifier works on the principle of evaporation. The B 300 draws in air through the air inlet on the side of the power cord and filters it through the cleaning filter. The air is then passed on to the evaporation filter. The evaporation filter, which continuously glides through a water bath, creates a large evaporation surface thanks to its special structure. A UV lamp inside the device reduces germs. The purified and humidified air is then released back into the room. In a closed room, the air is continuously sucked in, purified, and humidified until the set humidity values are reached. The room humidity is measured using a wireless humidity transmitter.

The B 300 fulfils a dual function by purifying and humidifying the air. If your main focus is on the humidification function, the evaporation capacity can be significantly increased by removing the purification filter in the intake area. However, this leads to a reduction in the air purification function. The UV lamp continues to operate.

2.2 Control and display elements

Operation



Fig. 2.2: Overview of keyboard membrane

Controls on the keyboard membrane

Symbol	Description	Operation
	HUMIDITY +	■ Increase the target value for relative humidity (↪ see section “3.3 Starting up the humidifier” on page 13).
	HUMIDITY -	■ Decrease the setpoint for relative humidity (↪ see section “3.3 Starting up the humidifier” on page 13).
	AIR	■ Switch the humidifier on and off (↪ see chapter “3.3 Starting up the humidifier” on page 13). ■ Adjust the fan speed (↪ see chapter “3.3 Starting up the humidifier” on page 13).

Display elements

Symbol	Description	Advertisement
	STAND BY	■ The humidifier is switched off and not functioning. When the housing is open, the symbol flashes continuously. CAUTION: The device is still connected to the power supply!
	LOW	■ The humidifier is running at the lowest fan speed.
	HIGH	■ The humidifier is running at the highest fan speed for maximum humidification and cleaning performance.
	AUTO	■ The humidifier is running at the highest power level for maximum humidification and cleaning performance.
	WATER	■ Tank empty: ↪ see section “3.2 Preparing the humidifier for distribution” on page 12 ■ Tank 1 bar: Water level half full ■ Tank 2 bar: Water level full

2.3 Technical data

Specification	Value	Unit
Empty weight	21	kg
Width	740	mm
Height	710	mm
Depth	410	mm
Tank capacity	ca. 25	l
Power connection	220-240	V
Power frequency	50-60	Hz
Power consumption	max. 58	W
Maximum water pressure when connected to water supply	0,2 - 10	bar
Maximum air output (free blowing)	600	m ³ /h
Maximum evaporation capacity	1,4	l/h
Fuse	2	A
Safety test		CE
Cable length	2,5	m

Operating conditions

Specification	Value	Unit
Temperature	10 – 40	°C
Relative humidity	30 – 80	%

3. Transport and commissioning

3.1 Transportation and installation

- Only place the humidifier on level, sufficiently stable, moisture-resistant surfaces.
- Ensure that air can circulate freely. The air inlet and outlet openings must not be covered.
- The distance to other objects in the vicinity must be at least 10 cm to the side and at least 20 cm above.
- For optimal performance, the device can be placed near a heat source. However, the direct temperature impact should not exceed 50 °C.

For water-sensitive floors, we recommend using a safety drip tray (order number: 1752.2).

Move humidifier



Fig. 3.1: Moving the humidifier



NOTE! Risk of damage to property if the humidifier tips over!

If the humidifier is moved, there is a risk that the device will tip over. This can cause damage to the device or the surface on which it is standing.

- Whenever possible, move the humidifier along its longitudinal axis (Fig. 3.1).
- Always empty the water tank before moving the device.

The humidifier has four casters on the bottom. To change the location of the device, it can be pushed or pulled.

Lifting the humidifier



WARNING!
Danger when lifting the humidifier!

- Always empty the water tank before moving the device.
- Only lift the humidifier with two people.

3.2 Preparing the humidifier for operation

Connection Cable

1. Check the connection cable for damage.
2. Connect the humidifier's power plug to the mains.
3. Switch on the device (↪ see chapter "3.3 Starting up the humidifier" on page 13).



NOTE! Damaged connection cable!

If the power cord of this device is damaged, it must be replaced with a special connection cable! This is available from the manufacturer or your customer service department.

Fill the water tank

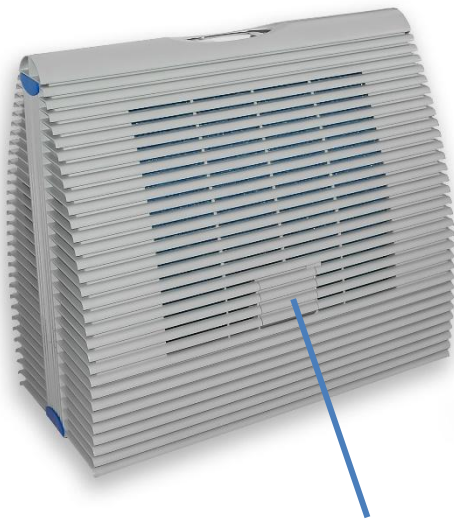


Fig. 3.2.1: Filling the water tank

1

1. Open the filler flap on the right or left (Fig. 3.2.1/1).
2. Fill with water until the indicator „WATER“  shows a sufficient fill level (two bars).
3. Close the filler flap again.



NOTE! Risk of damage to property due to overfilling the humidifier!

The water tank may overflow if the indicator "WATER" shows two bars and you continue to fill it.

- As long as the water tank is empty, the symbol  flashes on the display.

Water fresh (optional accessory)

Wasserfrisch can also be added to the water tank to reduce the formation of germs and algae as well as limescale deposits. Please observe the dosage, usage, and disposal instructions on the Wasserfrisch packaging. Wasserfrisch can be obtained from our customer service department (↪ "Customer Service" on page 2).

Order numbers: 1l bottle: 9020; 5l canister: 9022

- Use biocides safely.
- Obtain information on environmentally sound disposal from your local municipal authority or specialist disposal companies.
- Always read the label and product information before use.
- Safety data sheet available on request.



NOTE!

Environmental damage caused by biocides! The biocides contained in Water fresh are harmful to the environment in large quantities.

Water connection (optional accessory)

Connecting the humidifier to the local water supply eliminates the need for manual filling. Refilling is handled by an electronically controlled solenoid valve. This automatically opens the water supply when a minimum water level is reached and stops it as soon as the water tank is full. The device is factory-set to a maximum fill level for automatic water supply. This means that when the maximum fill level is reached, the water supply is stopped. The water supply is controlled by the electrode rods of the water level indicator. For proper functioning, it is therefore necessary to clean the electrode rods regularly and remove any limescale and dirt deposits.

The optional connection of the humidifier to the water supply network must be carried out by a qualified plumber.

Additional safety accessories

To reduce the risk of property damage, the following safety accessories are recommended:

- Safety drip tray (order number: 1752.2)

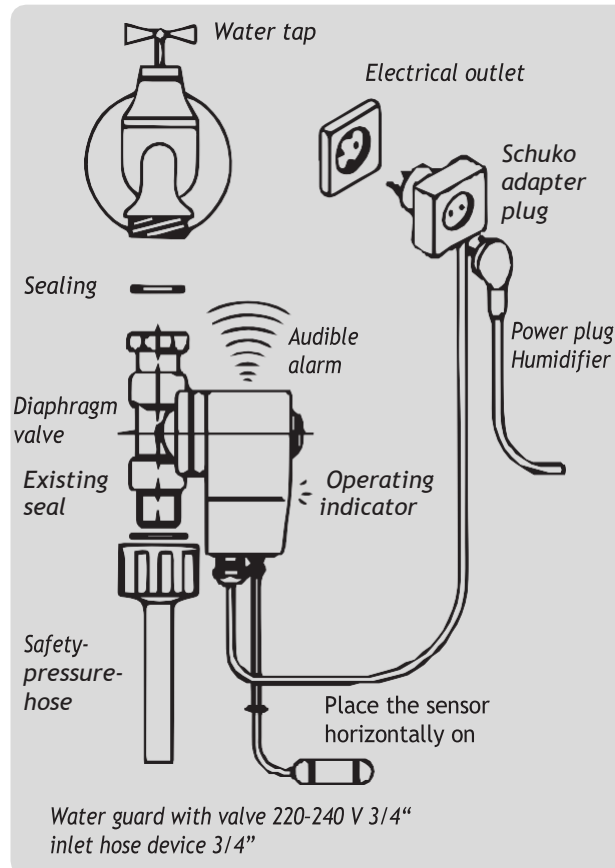


Fig. 3.2.2: Water connection

3.3 Starting up the humidifier

Switching on the humidifier	Press the AIR button to switch on the humidifier. Please note that pressing the AIR button for the first time only opens the setting mode and does not change the operating mode. The mode is only changed by pressing the button again.
STAND BY	Press the AIR button several times until "STAND BY" flashes in the top left corner of the display. The display will then switch off automatically and "STAND BY" will remain lit.
Switching off the humidifier	To switch off the humidifier safely, for maintenance or during long periods of inactivity, pull the power plug to disconnect the humidifier from the power supply.

Over-humidification



WARNING!

Excessive humidity poses a health risk!

Excessively humid air promotes the growth of mold and harmful germs.

- Do not exceed the recommended humidity level of 50–60% in living spaces.

Setting relative humidity

The target value for relative humidity can be set within a range of 30% to 80%. The relative humidity is displayed and set in 5% increments. This may result in deviations in the display compared to other measuring devices. At 3% and 8%, the display jumps to the next higher display value (e.g., actual humidity = 43% corresponds to the display = 45%). The display accuracy can be readjusted in the offset parameter (see chapter ↪ "Readjusting the humidity display" on page 16).

Use the HUMIDITY  and HUMIDITY  buttons to set the desired relative humidity target value.

- When you press the HUMIDITY  or HUMIDITY  buttons, the display jumps from the actual room humidity to the set target value. Pressing these buttons repeatedly changes the value accordingly. Once the target value has been set, the display jumps back to the room humidity after a few seconds and the new target value is saved.

Setting the fan speed

The fan speed can be used to adjust the air flow rate and thus the humidifier performance. Press the AIR button several times to set the desired fan mode:

STAND BY	The humidifier is switched off and not functioning. Caution: The device continues to draw power.
LOW	The fan runs at the lowest fan speed.
HIGH	The fan runs at the highest fan speed for maximum humidification and cleaning performance.
AUTO	The fan is automatically controlled depending on the power requirement.

- The humidifier runs at the selected fan speed until the selected target value for relative humidity is reached.

Automatic fan operation (AUTO)

In automatic mode, the humidifier automatically regulates the fan speed according to the power requirement until the desired relative humidity value is reached.

Turning the key lock on and off

1. To turn on the key lock, press and hold the HUMIDITY  , HUMIDITY  and AIR  buttons simultaneously until the STAND BY symbol  disappears from the display.
2. To turn off the key lock, press and hold the HUMIDITY  , HUMIDITY  and AIR  buttons simultaneously until the STAND BY symbol  reappears on the display.

3.4 Commissioning the radio moisture transmitter

Measuring humidity

The wireless humidity transmitter (order number: 1348/5) measures the relative humidity in the room and transmits this information to the humidifier via radio signal.

Commissioning the radio moisture transmitter



1. Carefully lift and remove the cover of the wireless humidity transmitter using a small screwdriver (Fig. 3.4.1).

Fig. 3.4.1: Open the cover of the wireless humidity sensor



Fig. 3.4.2: Inserting batteries

2. Insert the 1.5 V AA batteries as shown (Fig. 3.4.2). The positive and negative terminals are marked on both the circuit board and the battery. The batteries are inserted correctly when these markings match.



NOTE! ATTENTION

The required batteries are not included in the scope of delivery! Required batteries: 2 x AA 1.5 V

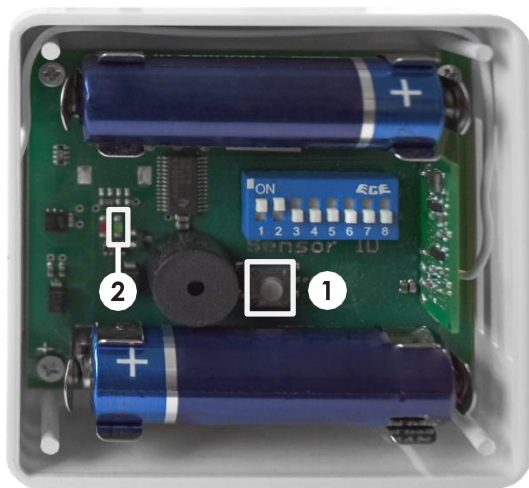


Fig. 3.4.3: Check for proper functioning

3. Check that the radio humidity transmitter is working properly. To do this, press the button (Fig. 3.4.3 / 1). If the LED (Fig. 3.4.3 / 2) lights up briefly, the radio moisture transmitter is ready for operation. If the radio moisture transmitter emits a short beep at regular intervals during operation, replace the batteries.

Coding options

The humidifier and the wireless humidity transmitter are coordinated via a code. The devices are delivered from the factory already coded. However, when using two or more devices that are in close proximity to each other (0–20 m), a different code may be necessary.

If several devices are operated in one room, the following options are available:

- Several devices are operated with one radio humidity transmitter. To do this, all devices must have the same coding.
- Each device is controlled via a separate radio humidity transmitter. To do this, all devices must have different coding.

Coding the radio humidity transmitter

The coding switch for coding is located on the circuit board of the radio humidity transmitter. Each slider has only two positions: “ON = up” and “OFF = down.”



NOTE!

The coding of the B 300 humidifier and the associated wireless humidity transmitter must match exactly. Otherwise, proper functioning cannot be guaranteed.

3.5 Coding the radio moisture transmitter

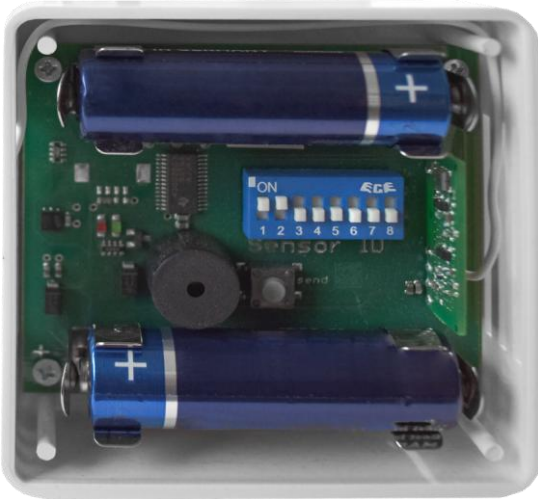


Fig. 3.5.1: Coding switch for coding



NOTE! Property damage due to short circuit!

Only code the radio moisture transmitter with a non-metallic object.

1. Code the radio moisture transmitter by adjusting the slider with a suitable non-metallic object.
2. Confirm the code by pressing the small button. It can then be read and selected on the device.
3. Close the cover of the radio moisture transmitter again.



NOTE!

It may take up to three minutes for the device to receive a signal from the wireless humidity sensor. Until a signal is received, the HUMIDITY % indicator on the display will flash.

Selecting the menu

In the menu, you can configure various settings for your humidifier.

Setting the humidity sensor coding

Switch the device to STAND BY mode using the AIR button . Now press the HUMIDITY  button three times in succession and then press the HUMIDITY  button three times until the display element HIGH  appears on the display.

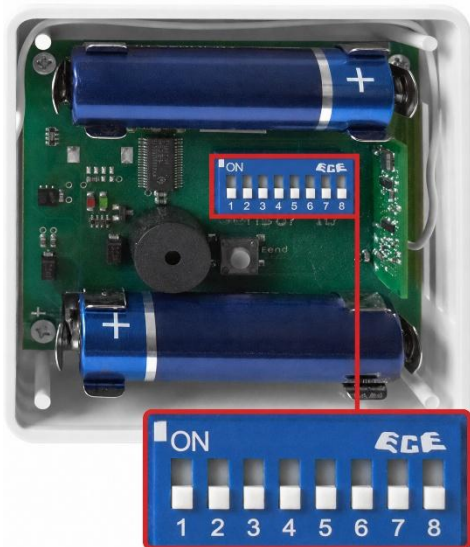
You can now change the coding by pressing the HUMIDITY  and HUMIDITY  buttons. Once you have set the coding, it is saved automatically.

Readjusting the humidity display

Switch the device to STAND BY mode using the AIR button . Now press the HUMIDITY  button three times in succession and then press the HUMIDITY  button twice until the display element LOW  appears on the display.

You can now select the desired value by pressing the HUMIDITY  and HUMIDITY  buttons. Once the address has been set, it is saved automatically.

Connecting the wireless humidity transmitter to the humidifier



Here you can pair the wireless humidity transmitter with the device. The setting is made on the wireless humidity transmitter using the 8-digit coding switch (Fig. 3.5.2).

Use the HUMIDITY  and HUMIDITY  buttons to select the desired wireless coding.

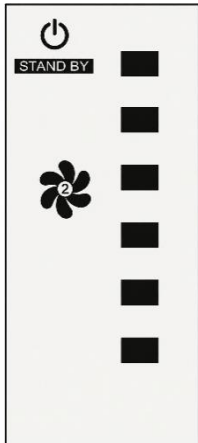
For better orientation, radio humidity transmitters within range transmit their current coding to the device. This is indicated by a short beep and two flashing dots on the display next to the address code.

- Once the addressing has been set, it is saved automatically.
- The devices are shipped from the factory with the code "00000000" (Fig. 3.5.2).
- The actual relative humidity value displayed in the HUMIDITY % field changes as soon as you breathe into the sensor. If the relative humidity value does not change, check the batteries and the code.

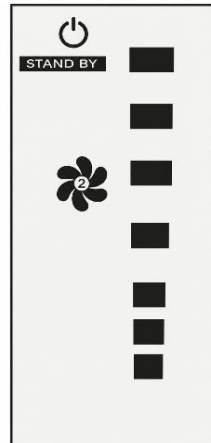
Fig. 3.5.2: Program the humidifier

Examples of Coding:

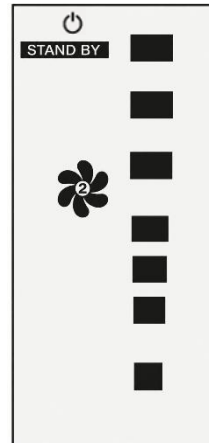
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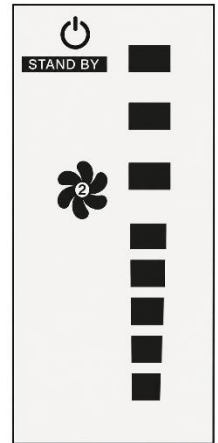
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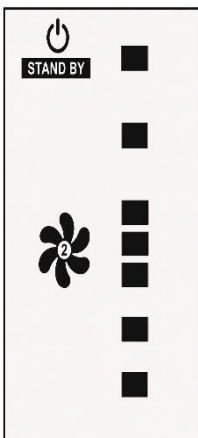
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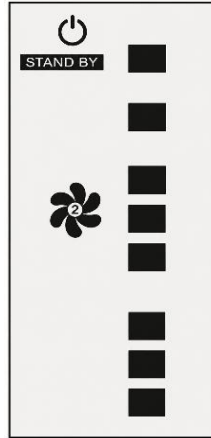
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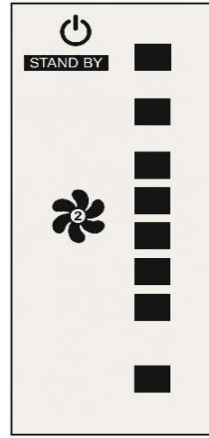
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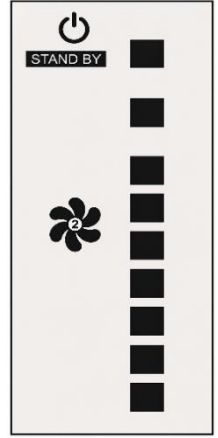
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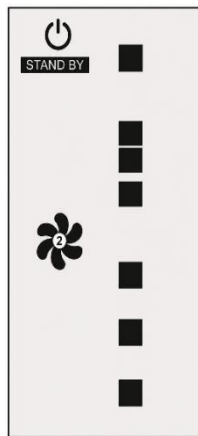
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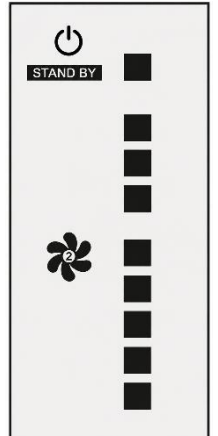
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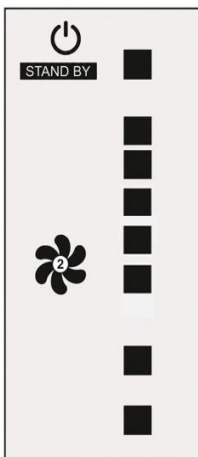
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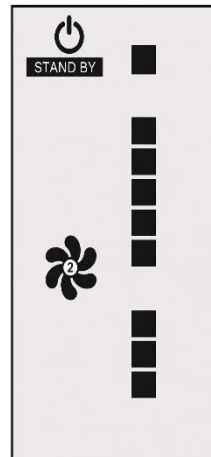
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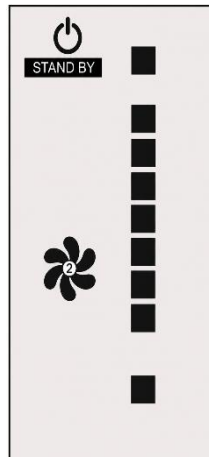
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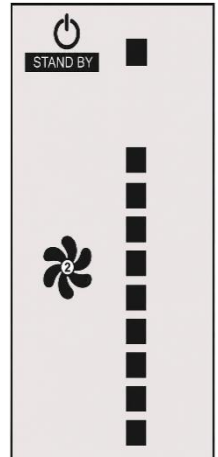
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00001110:



00001111:



4. Cleaning and Care

4.1 Maintenance table

Maintenance work

The frequency of maintenance work depends on the air and water quality at the installation site. Adjust the recommended maintenance intervals here if necessary.



WARNING!
Disconnect the device from the power supply before performing maintenance work.



WARNING!
Risk of injury from moving parts! The rotating fan wheel can cause hand injuries.



NOTE!
Cleaning and maintenance by the owner must not be carried out by children without supervision.

Interval	Maintenance work
Weekly	Change the water and clean the tank (↗ see chapter “4.3 Changing the water and cleaning the device” on page 20).
Monthly	Clean the inner side walls with a damp cloth (↗ see chapter “4.3 Changing the water and cleaning the device” on page 20).
Every 3 months	Change the evaporation filter (↗ see section “4.4 Changing the evaporation filter” on page 20). Change the cleaning filter (↗ see section “4.5 Changing the cleaning filter” on page 21). Clean the electrode rods for measuring the water level.
Every 6 months	Only for water connection via the pressure line: Visually inspect the solenoid valve for the water connection. Remove any contamination. If heavily soiled, have the solenoid valve replaced by a qualified plumber.
Annually	Perform a thorough cleaning with a limescale remover (↗ see section “4.3 Changing the water and cleaning the device” on page 20).

4.2 Opening and closing the housing

The housing must be opened to perform the following tasks: Change the water, clean the tank, clean the electrode rods, clean the inner side walls, and replace the evaporation filter / cleaning filter.



WARNING!
Disconnect the unit from the power supply before performing maintenance.

Opening the Housing Components

1. Remove the blue locking clips on both sides of the unit, at the top and bottom (Fig. 4.2.1).



Fig.: 4.2.1: Removing the Locking Clips



Fig. 4.2.2: Removing the Housing Parts

2. Pull both housing halves outward (Fig. 4.2.2).
Caution: Handle the housing halves with care and make sure they are not damaged.



Fig. 4.2.3: Removing the Technical Assembly

3. Remove the technical assembly by pulling it upward (Fig. 4.2.3).

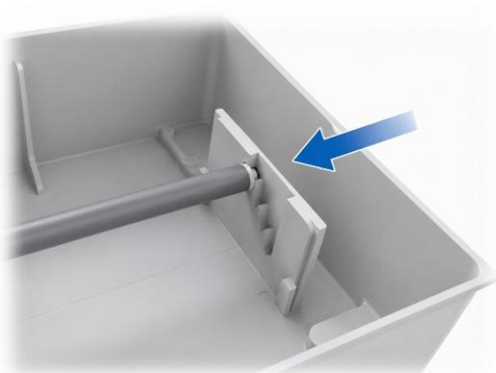


Fig. 4.2.4: Tension Roller Guide

Closing the Housing Parts

4. To insert the technical assembly, guide it into the unit along the guide provided in the bottom of the water tank. When doing so, pay attention to the tension of the blue evaporation filter. This can be increased using the tension roller provided (Fig. 4.2.4).
5. Close the housing in the reverse order.
Caution: Please ensure that the recesses and reed contacts are correctly aligned!

4.3 Changing the water and cleaning the device

If the device is heavily soiled or calcified, use a limescale remover to clean it. You can obtain a suitable limescale remover from our customer service department (📞 “Customer service” on page 2). Follow the dosage and application instructions on the packaging of the limescale remover (order number: 9016).



WARNING!
Disconnect the device from the power supply before performing maintenance.



NOTE!
Do not use abrasive, corrosive, or soapbased cleaners. These can damage the surface of the device.

1. Open the housing parts (📞 see chapter “4.2 Opening and closing the housing” on page 18).
2. Remove the technical assembly.
3. Empty the water tank.
4. Clean the water tank with a damp cloth.
5. Clean the inner walls of the humidifier with a damp cloth.
6. Fill the water tank.
7. Reinsert the technical assembly.
8. Close the housing parts.

4.4 Change evaporation filter

You can obtain the appropriate evaporation filter (order number: 6360) from our customer service department (📞 “Customer Service” on page 2).

1. Open the housing components and remove the technical assembly (📞 see chapter “4.2 Opening and Closing the Housing” on page 18).
Open the old evaporative filter using the zipper or cut it open at a suitable point, then remove it completely (Fig. 4.4.1).
CAUTION: Make sure that no residue remains.
2. Remove the tension roller, if installed, to begin threading the new filter.



Fig. 4.4.1: Remove the evaporation filter

3. When threading the new filter, make sure to thread it between the filter drive roller and the filter roll above the drive roller (Fig. 4.4.2).



Fig. 4.4.2: Install the evaporation filter

4. Now close the zipper and check the preload.
5. If the pre-tension is sufficient, you can reinstall the technical assembly and close the housing parts.
6. If the pre-tension is insufficient, set the tension roller to the lower position (Fig. 4.4.3) and repeat the procedure as described above.



Fig. 4.4.3: Insert the tension roller

4.5 Replacing the Cleaning Filter

You can obtain the correct cleaning filter (order number: 6361) from our customer service department (☞ “Customer Service” on page 2).

1. Open the housing components and remove the technical assembly (☞ see chapter “4.2 Opening and Closing the Housing” on page 18).
2. Remove the old cleaning filter.
CAUTION: Make sure there are no residues left.
3. Insert the new cleaning filter.
CAUTION: Make sure the filter cannot get caught in the fan blades. It should also not protrude outward.



Fig. 4.5: Removing the Cleaning Filter

4.6 Replace the UV lamp



Fig. 4.6.1: Unscrew the cover of the technical assembly

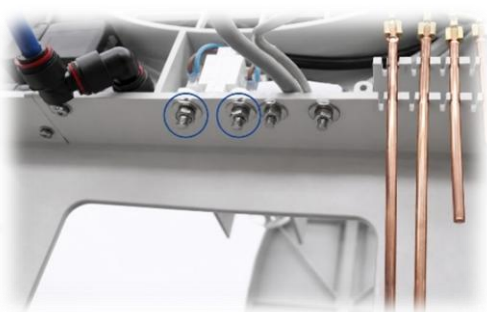


Fig. 4.6.2: Unscrew the light bulb socket



WARNING! Risk of electric shock if the power cord is not unplugged!
Unplug the device from the power outlet before use.



WARNING! Risk of injury from UV light!
UV light irritates and damages the eyes and can cause skin irritation.

- Do not look directly at the UV lamp when it is turned on.
 - If the eyes are dazzled, cover them with a wide, light-blocking bandage to keep them still, and take the injured person to an eye clinic.
1. Open the housing components and remove the technical assembly (☞ see Chapter “4.2 Opening and Closing the Housing” on page 18).
 2. Unscrew the cover of the technical assembly (Fig. 4.6.1) and loosen the screws on the UV lamp socket (Fig. 4.6.2).
 3. Pull the UV lamp out toward the rear.
 4. Remove the defective lamp from the lamp holder and insert the new UV lamp (Item No.: 6210).
 5. During this step, also inspect the UV protective glass (Item No.: 6212) and the gasket (Item No. 6213) of the UV lamp.
 6. Then carefully slide the lamp back into the UV protective glass.
 7. Secure the socket using the existing screws and close the cover of the technical assembly.
 8. Reinstall the technical assembly and close the housing parts.

NOTE!

If you notice any damage, the device must not be put back into operation until the defective part has been replaced.

5. Troubleshoot problems

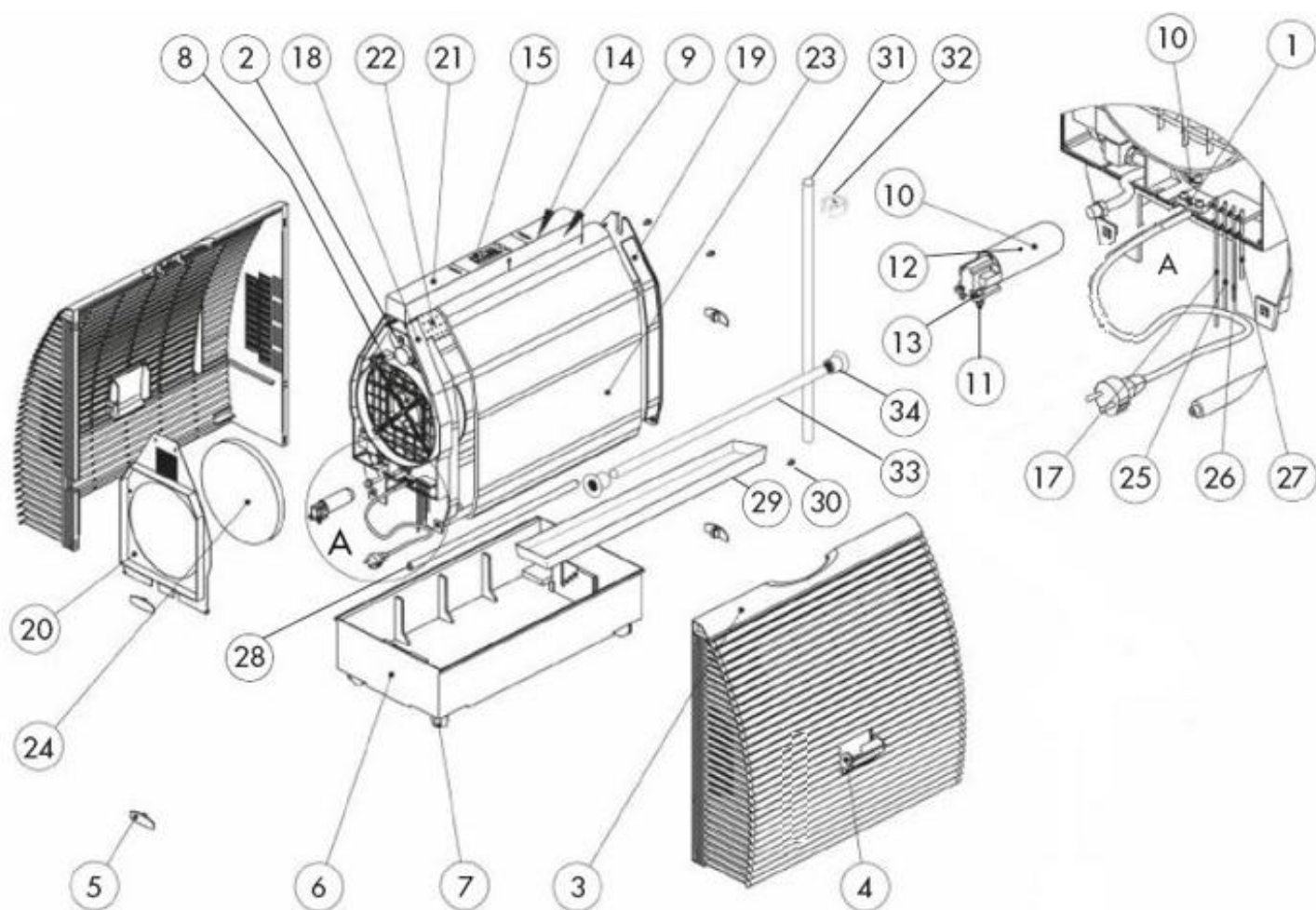
Error	Description	Remedy
No function (no STANDBY indicator)	- Device not connected or not connected correctly. - Micro fuse on the circuit board has blown.	Check the power connection.
No function (STANDBY indicator flashes)	Reed switch has deactivated the device.	Check that the outer housing is completely closed.
“Water Tank Empty” Message	- Water level too low. - Copper electrodes are dirty. - Softened water is being used.	- Refill with water. - Clean the copper electrodes. - Use normal tap water.
Device is running, but evaporation filter is not moving	- Pre-voltage is too low. - Gear motor defective	- Increase the preload. - If the voltage is too low, replace the evaporation filter. - Replace the drive roller if necessary. - Contact Customer Service (↗ see “Customer Service” on page 2).
Water leakage	- Evaporation filter is rubbing against the housing. - Check the tank for damage.	- Increase the preload. - Replace the tank. - Unplug the power cord. - Empty the water tank. - Check the water tank for damage. - Contact customer service (↗ “Customer service” on page 2). - Check that the evaporation filter is positioned correctly (↗ “Change evaporation filter” on page 20).
Automatic water supply is running continuously	Solenoid valve does not close.	- Remove contamination from the solenoid valve. - Check the electrodes for contamination. - Replace the solenoid valve. - Check the water quality.

Other malfunctions	Remedy
Severe calcification	- Clean the humidifier more frequently (↗ “Changing the water and cleaning the device” on page 20). - Use a descaling agent for cleaning (↗ “Changing the water and cleaning the device” on page 20).
Odor development	- Change the water more frequently (↗ “Changing the water and cleaning the device” on page 20). - Clean the humidifier more often (↗ “Changing the water and cleaning the device” on page 20). - Use fresh water (↗ “Fresh water” on page 12). - Replace the filter (↗ “Change evaporation filter” on page 20).

Repairs

Repairs may only be performed by the manufacturer's customer service department (↗ “Customer Service” on page 2) or by qualified electricians.

6. Exploded view drawing and parts list



Pos.	Item No.	Description
1	1351	Strain relief
2	2589/1	Gear / Drive motor B 300
3	6101	Casing exterior
4	6111	Fill flap B 300
5	6112	Latch clip for housing
6	6201	Water reservoir B 300
7	6202	steering roller B 300
8	6205	Fan axial B 300
9	6206	Condensator for fan motor Item-No. 6205
10	6210	UV lamp 5-Watt
11	6211	Lamp socket for UV-lamp
12	6212	Protective glass UV-lamp - round
13	6213	Gasket for UV-lamp, ø 36
14	6217	Electronic ballast for UV-lamp
15	6222	Keyboard foil
16	1348/5	Radio humidity transmitter
17	6227	Electrode rods 152 mm

Pos.	Item No.	Description
18	6301	Side pannel B 300 with opening for tech.-motor
19	6302	Side pannel B 300 without tech.
20	6311	Cover f. side pannel B 300 tech.
21	6321	Casing operating part
22	6325/1	Drive cylinder
23	6360	Evaporation filter B 300
24	6361	Cleaning filter B 300
25	6227.1	Electrode rods 145 mm
26	6227.2	Electrode rods 90 mm
27	6227.3	Electrode rods 48 mm
28	6328	Tension Pulley
29	6329	Drip pan
30	6329.1	Mounting screw for drip pan
31	6329.2	Drain pipe with nozzle for drip pan
32	6329.3	Anchoring clip for drain pipe
33	6330	Filter bobbin above driving roll
34	6312	Slide bearing Item No. 6225.1 right and left

7. Type plate

LUFTBEFEUCHTUNG PROKLIMA GMBH
74858 AGLASTERHAUSEN / GERMANY
www.brune.info / mail@brune.info

TYP:	B 300	Serie:	0525
NR.:	3003000	WATT:	58
VOLT:	220-240~	HZ:	50-60
  			

The nameplate contains the following information:

- Manufacturer
- Model
- Series
- Serial number
- Electrical power and connection ratings

8. Dispose

If no return or disposal agreement has been made, recycle dismantled components:

- Scrap metals.
- Recycle plastic elements.
- Dispose of other components sorted by material type.
- Dispose of batteries at your local collection points.
- Have electrical waste and electronic components disposed of by approved specialist companies.
- If in doubt, obtain information on environmentally friendly disposal from your local municipal authority or specialist disposal companies.



ENVIRONMENTAL PROTECTION!
Danger to the environment due to improper disposal! Improper disposal can pose a danger to the environment.



Notes

Notes



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