

Robert

Gebrauchsanweisung
Operating instructions
Mode d'emploi
Istruzioni per l'uso
Manual de instrucciones
Gebruiksaanwijzing
Brugsanvisning
Käyttöohje
Bruksanvisning
Bruksanvisning



product
design award

2014



reddot design award
winner 2013

Stadler Form®

Congratulations! You have just purchased the exceptional air washer (air purifier and humidifier) ROBERT. He will give you great pleasure and improve the indoor air for you.

As with all domestic electrical appliances, particular care is needed with this model also, in order to avoid injury, fire damage or damage to the appliance. Please study these operating instructions carefully before using the appliance for the first time and follow the safety advice on the appliance itself.

Description of the appliance

The appliance consists of the following main components:

1. Air washer housing with motor
2. Air washer water tray
3. Mains cable for power supply
4. On/off switch
5. Water tank with carrying handle
6. Water tank lid
7. Anticalc cartridge (optional)
8. Evaporator discs
9. Motion sensor (movement over the display activates buttons)
10. Button for the selection of the desired humidity (hygrostat: 35 - 65% or continuous operation «CO»), symbol «Air Humidity»
11. Button for the selection of the fan speed (1, 2, 3, 4 = Turbo), symbol «Speed»
12. Button for the selection of the mode (Auto Mode, Night Mode, Clean Mode)
13. Symbol of the selected mode («Auto Mode», «Night Mode», «Clean Mode»)
14. Indicator for low water level, symbol «No Water»
15. Fragrance container
16. Ionic Silver Cube™
17. Air inlet
18. Air outlet

Important safety instructions

Please read through the operating instructions carefully before you use the appliance for the first time and keep them safely for later reference; if necessary pass them on to the next owner.

- Stadler Form refuses all liability for loss or damage which arises as a result of failure to follow these operating instructions.
- The appliance is only to be used in the home for the purposes described in these instructions. Unauthorised use and technical modifications to the appliance can lead to danger to life and health.
- 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.
- Only connect the cable to alternating current. Observe the voltage information given on the appliance.
- Do not use damaged extension cords.
- Do not run the power cord over sharp edges and make sure that it does not get trapped.
- Do not pull the plug from the socket with wet hands or by holding on to the power cord.
- Do not use the appliance in immediate vicinity of a bath tub, a shower or a swimming pool (observe a minimum distance of 3 m). Place the appliance such that a person in the bath tub cannot touch the appliance.
- Do not place the appliance near a heat source. Do not subject the power cord to direct heat (such as a heated hotplate, open flames, hot iron sole plates or heaters for example). Protect power cords from oil.
- See to it that the appliance is properly positioned to ensure a high stability during its operation and

make sure that no one can trip over the power cord.

- The appliance is not splash-proof.
- For indoor use only.
- Do not store the appliance outdoors.
- Store the appliance in a dry place inaccessible to children (pack the appliance).
- If the power cord is damaged, it must be replaced by the manufacturer or a repair shop authorized by the manufacturer or by similarly qualified persons in order to avoid a hazard.
- Prior to any maintenance, cleaning and after each use, switch off the appliance and unplug the mains cable from the socket.

Setting-Up/Operation

1. Place Robert at the desired position on a flat surface. Connect the mains cable (3) to a suitable plug socket.
2. Remove the water tank (5) by holding it by the handle and gently pulling it back. Screw off the water tank lid (6) and fill the water tank with clean, cold tap water. Then screw the lid back onto the water tank. Place the water tank on the water tray (2). The water tray now fills slowly with the water from the water tank. Important: please do not transport Robert as long as he is filled with water. The water could spill over.
3. To switch Robert on, press the On/Off switch (4). The current relative humidity is shown in the display in % («Air Humidity»). The «No Water» indicator (14) lights up when there is not enough water in the appliance. The speed level is set to the lowest speed and the desired air humidity is set to continuous operation.
4. If the motion sensor does not detect any motion for 10 seconds, the illumination of the buttons and the symbols goes out (only the current relative humidity «Air Humidity» will be displayed in %). Activate the buttons by moving your hand over the display (9). Alternatively, the display can also be activated by touching the lower part with your hand.
5. If no mode has been set, the desired air humidity can be adjusted (between 35-65% and continuous operation «CO»): Push the «Air Humidity» button. The display will blink. You may now select the desired air humidity in increments of 5% by repeatedly pressing the «Air Humidity» button (the display will blink while settings are being adjusted). The selected value is saved if no other adjustments are made after approx. 10 seconds. The display changes to the current measured air humidity.
Info: Once the desired air humidity is reached, the appliance stops and the display blinks. The current air humidity is then measured approx. every 30 minutes (the fan runs for 1-2 minutes). Should the measured current air humidity fall below the set value, the appliance begins to humidify again.
6. The humidification performance depends on the speed of the fan. If no specific mode has been set, the speed level may be changed: Press the «Speed» button (if necessary, first activate the display with a hand motion). The display will blink. Now select the speed level 1, 2, 3 or 4 (Turbo) by repeatedly pressing the «Speed» button. The levels are displayed using horizontal bars (e.g. 1 bar = level 1).
7. Robert is equipped with 3 different pre-programmed modes: «Auto Mode», «Night Mode» and «Clean Mode». Press the «Mode» button (if necessary, first activate the display with a hand motion). The display will blink. Select the mode by repeatedly pressing the «Mode» button:
«Auto Mode»: Robert automatically maintains the air humidity level at 45%. The lower the current air humidity level is, the higher the speed level of the fan will automatically be set (e.g. under 30% = level 3, from 31% to 40% = level 2, from 41% to 45% = level 1).
«Night Mode»: The display illumination is reduced to minimum and the fan speed is set on level 1. The desired air humidity level and the fan speed can be adjusted manually.
«Clean Mode»: This mode is used in order to clean and descale the appliance. Here the evaporator discs rotate but the fan does not run. Thus no air is blown into the room. After 20 minutes in cleaning mode, the appliance stops and the «Clean Mode» display blinks (see «Cleaning» chapter).
8. You can use Robert to disperse fragrances in the room. It must be emphasised to please use fragrances extremely sparingly because an excessive dosage can result in malfunctioning of and damages to the appliance. In order to use fragrances, remove the water tank (5) and pull the

fragrance container (15) out of the appliance. Let the fragrance drip directly onto the cotton pad in the fragrance container. Add a maximum of 1-2 drops of fragrance into the fragrance container.

Tip: In order to change the fragrance, pull the fragrance container out of the appliance, remove the cotton pad and clean the container with soap. Now you may insert a new cotton pad (commercially available) and add drops of the desired fragrance.

9. As soon as the «No Water» symbol (14) lights up, the appliance must be refilled with water. To do this, remove the water tank (5) and fill it with clean, cold tap water. After replacing the water tank, the appliance automatically resumes operation after a few seconds.
10. If you would like to refill the water during operation, you may remove the water tank and refill it. The appliance will continue to operate using the water still in the appliance for at least 30 minutes. As long as the water tank is replaced within this period of time, the appliance can continue its service without interruption.

Important information

Humidification with an air washer takes some time. An air washer works according to the evaporation principle. In this process the air only absorbs as much water as it needs at the current temperature (self-regulating humidification). This means that it could take several hours to achieve a measurable humidification result. If you put the air washer into operation in a very dry environment, we recommend that you set the appliance to continuous operation («Air Humidity») and the speed level to 3 or Turbo («Speed») in order to effectively increase the air humidity level. Here the size of the room and the ventilation intervals also play a role. (Also see www.stadlerform.ch/faq).

Cleaning

Prior to any maintenance, cleaning and after each use, switch off the appliance and unplug the mains cable (3) from the socket.

Attention: Never submerge the appliance in water (danger of short-circuit).

- For external cleaning, rub with a damp cloth and then dry thoroughly.
- For internal cleaning, remove the water tank (5) and then pull out the water tray (2) with the evaporator discs (8) (grab underneath the tray).
- Rinse the water tray (2) and the evaporator discs (8) with clean water **once per week**, in order to wash out the particles of dirt removed from the air.
- Clean the water tray (2), evaporator discs (8) and the water tank (5) thoroughly **every 2 weeks** with a soft brush or sponge and warm water. If there are lime scale deposits in the water tray or water tank, use a descaling solution diluted with water (for mixture ratio, see manufacturer's instructions). Subsequently rinse the tray and tank with tap water thoroughly.
- Descale the evaporator discs (8) approx. **every 4 weeks**, depending on the water hardness level. To do so, first empty out any water remaining in the water tray (2). Then fill the water tray with a descaling solution (mixture ratio of solution/water according to the manufacturer's instructions) up to 2 cm below the edge of the tray (leave the evaporator discs in the tray). Now push the water tray back into the appliance (the tank does not have to be inserted). Activate the buttons with a hand motion over the display. Press the «Mode» button three times in order to start the cleaning mode. The «Clean Mode» symbol lights up. Here the evaporator discs rotate but the fan does not run. Thus no air is blown into the room. After 20 minutes in cleaning mode, the appliance stops and the «Clean Mode» display blinks. The cleaning process may be run several times depending on the thickness of the limescale deposits (also see Point 7 under «Setting-Up/Operation»). Once the cleaning process is finished, switch the appliance off using the On/Off switch (4). Empty the water tray and clean it thoroughly with tap water.

Ionic Silver Cube™

The Ionic Silver Cube (16) prevents the growth of germs and bacteria in the humidifier due to the continuous release of silver ions. The use of the Ionic Silver Cube leads to a hygienic room climate. The

lifetime of the Ionic Silver Cube is around one year. We therefore recommend that you replace the Ionic Silver Cube at the beginning of every humidifying season. The Ionic Silver Cube starts working as soon as it comes into contact with water, and also works when the appliance is switched off.

Anticalc cartridge (optional accessory)

The anticalc cartridge (7) decreases the limescale in the water and thus reduces the decalcification intervals. The cartridge has to be replaced every one to three months, depending on the water hardness (see table).

With a water hardness above 21 °dH, we recommend the use of the anticalc cartridge.

Important: Soak the anticalc cartridge in a water bath for 24 hours before the first use (not in the water tank!). The resin has to absorb water to reach high performance.

The period of time that the cartridge is effective for depends on the hardness of the water. This can be tested using the testing strips provided (strips are stuck to the reverse side of these instructions for use).

1. Dip the testing strips into the water for a second.
2. After around one minute, the results can be seen on the testing strips. Some of the green boxes change colour into pink. The water hardness is shown by how many boxes turn pink. Example: If three boxes are pink, then the water hardness is > 14° dH.

Number of pink boxes	Water hardness	Degree of hardness (°dH)	Cartridge will last for (with 6 liter/day)	
			Days	Liter
0/1	Soft	From 4°dH	60 days	approx. 360 L
2	Moderately hard	From 7°dH	30 days	approx. 180 L
3	Hard	From 14°dH	20 days	approx. 120 L
4	Very hard	From 21°dH	10 days	approx. 60 L

The cartridge is screwed onto the inside of the water tank lid (6). First, screw the tank lid (6) off of the water tank (5) and then affix the cartridge to the inside of the tank lid. Dispose of used cartridges in the household waste. Do not throw away the water tank lid when changing the cartridge!

Repairs

- Repairs to electrical appliances must only be carried out by a qualified electrical technician. If improper repairs are carried out, the warranty lapses and all liability is refused.
- Never operate the appliance if the adaptor or plug is damaged, after it has malfunctioned, if it has been dropped or has been damaged in any other way (cracks/breaks in the casing).
- Do not push any object into the appliance.
- If the appliance is beyond repair, make it unusable immediately by cutting through the cable and hand it in at the collection point provided for the purpose.

Disposal

The European directive 2012 / 19 / CE on Waste Electrical and Electronic Equipment (WEEE), requires that old household electrical appliances must not be disposed in the normal unsorted municipal waste stream.

Old appliances must be collected separately in order to optimize the recovery and recycling of the materials they contain and reduce the impact on human health and the environment. The crossed out “wheeled bin” symbol on the product reminds you of your obligation, that when you dispose of the appliance it must be separately collected. Consumers should contact their local authority or retailer for information concerning the correct disposal of their old appliance.

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

__o__ _Reorient or relocate the receiving antenna.

__o__ _Increase the separation between the equipment and receiver.

__o__ _Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

__o__ _Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body

Specifications

Rated voltage 220 - 240 V / 50 Hz

Rated power 7 - 30 W

Humidity output up to 550 g/h

Dimensions 321 x 471 x 235 mm
(width x height x depth)

Weight 8.2 kg

Tank capacity 6.3 Liter

Sound level 27 - 56 dB(A)

Complies with EU

regulations CE / WEEE / RoHS

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