

secomat laundry dryer 2 / 4 / 6 / 8

Instruction manual



Publishing information

This instruction manual is published by
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This instruction manual contains important information about starting and operating the device. Please follow these instructions carefully, even if the device is passed on to third parties, and keep the instructions for future reference.

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Key



- 1 Air outlet with adjustable slats
- 2 Intuitive operation
- 3 Fluff filter
- 4 Air inlet
- 5 Water outlet with $\frac{3}{4}$ " thread

Dear Customer

Congratulations on purchasing our product.

Please read this instruction manual in full before using your new device for the first time. We kindly ask you to pay special attention to all safety information in particular. Our device has undergone EMC testing and meets all the specifications set out in the applicable European and national guidelines. The device has a CE conformity certificate, and the manufacturer is in possession of all relevant documentation.

If you have any questions, please contact our technical support team:

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Safety information

WARNING! The use of this device may pose risks to children and others!
This device may be used by children aged 8 and over, as well as by people with limited physical, sensory or mental capacity or inadequate knowledge or experience, provided that such persons are supervised or receive ample instructions on the safe operation of the device, and have been informed of and understand all the associated risks. Children may not play with the device. Children may not clean or service the device without supervision.

WARNING! The device must be installed, used and stored in a room with a surface area of more than 6 m² (secomat 2/4) or 12 m² (secomat 6/8).

WARNING! Flammable refrigerant. The device contains a flammable refrigerant: R1270 / propene (propylene).
Leaking refrigerant may be noticeable by a sweet smell, but may also be odourless. If you notice a sweet smell, ventilate the room where the device is installed before switching it on. Pay attention to any error messages.

The device must be stored and operated in a room without any continuously active sources of ignition (e.g. open flame, working gas appliance, working electric heater).

Do not take any measures to clean the device except those specified by the manufacturer in this manual.

The device is intended for indoor use. Do not close or otherwise block ventilation openings.

Check and clean the filter on the air inlet before each use.

If a device is not equipped with a mains connection cable and a plug or another means of disconnection from the mains with a contact opening width at each pole corresponding to the conditions of overvoltage category III for full disconnection, a disconnecting device must be integrated into the fixed electrical installation in accordance with the installation regulations.

Information on the required mains voltage, type of current and fuse protection can be found on the type plate.

1. The device must be installed in accordance with national electrical installation requirements.
2. Never insert your fingers or any other object into the openings of the device, as this could cause injury!
3. Make sure that the power cord of the device does not come into contact with hot surfaces.
4. Always unplug the device from the mains:
 - in the event of a malfunction.
 - before cleaning and maintenance (with the exception of the inlet filter).
5. Never unplug the device by pulling on its power cord or when your hands are wet.
6. Never drag the device by its power cord.
7. Do not pull the power cord over sharp edges, and make sure that it does not become jammed.
8. Never turn the device on (and unplug the device immediately) if:
 - the device is damaged.
 - you suspect a malfunction due to the device falling, being dropped, etc. In this case, take the device to a technician (cooling specialist) to be checked and repaired if necessary.
 - the power cord is damaged. In this case, it must be replaced by the manufacturer, the manufacturer's customer service or another qualified specialist.
9. Never use the device in standing water! Before stepping into a pool of water, disconnect the device from the mains or remove the fuse.
10. Never sit or place heavy objects on the device.
11. We shall accept no liability for any damage caused by misuse of the device, incorrect operation or improper repair. In such cases, you will lose all your warranty rights.

Instructions for use

Intended use

This device is designed especially for drying laundry. It also has a room drying function that can be used to keep a room dry.

System description

The secomat produces dry air that it blows onto the laundry by means of a ventilator. The items of laundry release humidity into the ambient air. The damp air is absorbed by the device. It passes over the cooled surface of the cooling unit, where the steam condenses. The condensed air is then taken to a container or siphon outlet via the collecting tray. The dry air is warmed back up to the original room temperature in the warm part of the cooling unit before being blown out via the ventilator.

Transport

Always transport the device upright in order to avoid compressor and transport damage.

Storage

If you are not using the device for extended periods of time, clean the water bucket and casing before storage. It is best to then pack the device in its original packaging.

Set-up

1. Place the device so that the lower edge is 95 cm above the floor.
2. Suspend the unit in the mounting rail supplied after installing the rail correctly and prevent unintentional unhooking by attaching the screws on the left and right.
3. Make sure the device is correctly positioned both vertically and horizontally. Check the position with a spirit level.

If the water is collected in a bucket, it must be emptied regularly. Depending on the temperature and humidity, the bucket can fill up several times a day. **If the bucket is not emptied, water damage can occur.**

Attaching the hose

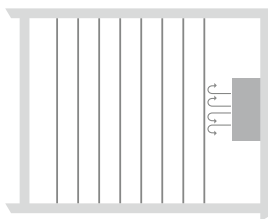
1. Attach the connector to the thread on the bottom of the device.
2. Fit the hose to the connector.
3. Insert the end of the hose into the outlet pipe (preferably siphoned).

Always drain the water away directly if possible.

Fitting the laundry rack

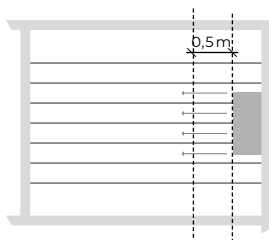
To achieve the best possible drying results, the laundry rack should be fitted as follows:

✘ Incorrect



Hanging laundry at right angles to the dryer prevents air from circulating freely, which means that the laundry at the back will take much longer to dry.

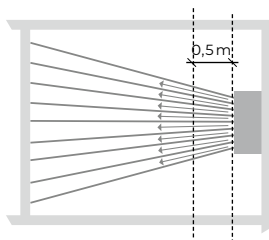
Good



Minimum distance from laundry 0.5 m

Air can circulate freely and can even reach the laundry right at the back.

Ideal



Minimum distance from laundry 0.5 m

The radial line system developed by Krüger is ideally designed for condensation drying and achieves the fastest drying time. Maintain a minimum distance of 0.5 m between the air outlet and the first item of laundry.

Operation

Function buttons

- 1 ON / OFF
- 2 Room drying (reset button)
- 3 WLAN

Display

- 4 Warning
- 5 Laundry recognition


Getting started

1. Close doors and windows
2. Check that the filter is clean and has been inserted correctly
3. Press the power button once
4. If you wish to use the secomat app, connect it to the secomat




Programme


Intelligent mode


Press ON button  once. This will start the drying process automatically and in an energy-efficient way. It will stop as soon as the laundry is dry.

Manual mode

Press ON button  twice. This will start the drying process immediately. It will stop as soon as the laundry is dry.

Room drying mode



Activate: Press room drying button  once. This mode is for keeping the room dry before or after drying laundry.

Deactivate: Press room drying button  again.

Switch off the device

Press OFF button  for 3 seconds

Error message

If the warning  flashes, press the room drying button  for 10 seconds. If it flashes again, contact customer service.

The secomat has a fully automatic drying programme that automatically detects when laundry has been hung up to dry. The device also switches off automatically. As soon as the dry laundry has been removed, the device goes into standby mode. This means that the device is ready for the next drying process and will start automatically. This smart mode allows the device to adapt perfectly to the room environment and to dry laundry very efficiently. As a result, the device is able to react to a wide range of humidity conditions throughout the year and to dry laundry reliably in both humid and dry seasons.

To start the drying process immediately, simply press the power button twice. Holding the power button down for longer switches off the secomat completely.

Room drying

The room drying function can be switched on and off separately from the laundry drying function by using the room drying button. When activated, the button lights up. If the laundry drying function is switched on while the room drying function is on, the laundry drying function will override the dehumidification function. Once the laundry drying programme has finished, the room drying function will switch back on automatically. This function will remain on until it is switched off manually. Room drying ensures an ideal indoor climate and prevents potential mould growth in the room.

Manual operation (final moisture level)

To dry just one or a few items of laundry, press the power button twice and the secomat will start drying the laundry immediately. As soon as the laundry is completely dry, the device switches off automatically and will not start up again by itself. The final moisture level can also be adjusted via the secomat app from wherever you are.

Instructions for connecting the secomat app

The secomat app can be downloaded to your smartphone from the Play Store or Apple Store. For the app to be used in the laundry room where the secomat is installed, WLAN must be available.

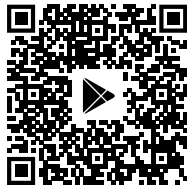
The WLAN button on the secomat must be pressed once briefly. The button will then light up continuously. The secomat app has been designed to be very easy to install. You will be guided through the installation of the app. Then you can confirm in the app by selecting OK. Now activate Bluetooth on your smartphone, and the secomat and its serial number should appear for you to select. Make sure you select the correct secomat by checking the serial number of your device, which can be found on the left-hand side of the device. The WLAN input screen will now appear in the app. Select a WLAN network and enter the corresponding password.

Please note that your smartphone and the secomat must be connected to the same WLAN network. The secomat is now connected, and you can take advantage of the app control or control the device from any location.

secomat app

The secomat app offers the option of setting a selectable drying start time in the app. The selected time can be changed and adjusted in the app at any time. You can also view the current room temperature and humidity in the app. In addition, the app offers the option of selecting four different laundry final moisture levels (very dry, dry, medium and damp).

If the room temperature is too low, the additional heating switches on automatically. The device can be used in rooms with a temperature of 5°C to 30°C.



Cleaning

The device should be cleaned as follows:

1. Wipe the casing with a damp cloth.
2. Open the front flap using the recessed grip (pos. 3).
3. Pull the air filter upwards out of the device using the recessed grip.
4. Remove dust from the air filter with a brush, then put it back in place.

If the filter is extremely dirty, the inside will also have to be cleaned. This type of cleaning can only be done by a cooling specialist. Failure to clean the filter can cause the device to malfunction. Defects due to failure to carry out maintenance work are excluded from the warranty – particularly if the filter has not been cleaned, causing the device to overheat. We recommend purchasing a service contract to ensure your device runs smoothly for as long as possible.

Disposal

As the room and laundry dryer contains a refrigerant, special disposal requirements apply. Please contact your dealer or local disposal centre.

Malfunctions

Before contacting customer service, please check the following.

If the device is not working:

- Is the power cord plugged in correctly?
- Is the fuse in your fuse box working properly?
- Is the power cord in good condition?

If the device is running continuously:

- Are all your doors and windows closed?
- Could the humidity be coming from somewhere else?







If the device is unable to achieve the desired humidity:

- Is air circulating freely in the room?
- Is the air inlet or outlet obstructed?
- Is the room temperature too high or too low? (see page 12)
- Is the filter clean?
- Has the minimum distance (0.5 m) between the air outlet and the first item of laundry been observed?
- Are there too few or too many items of laundry hanging up? (see page 12: Manual operation)

Flashing warning 

A flashing orange warning indicates that the device is locked. Each malfunction has a separate code, i.e. the light will flash differently depending on the error. Check this malfunction code and write it down before pressing the room drying button for 10 seconds. If it flashes again, please contact customer service, specifying the malfunction code, the article number and the serial number that can be found on the type plate on the left-hand side of the device. This will be very useful for troubleshooting.

Technical details

	secomat 2	secomat 4
	 single family house	 2-3 flats
Drying performance in washing machine loads	 1-2	 2-3
Washroom size	 6-12 m ²	 6-16 m ²
Article number	anthracite: 396.01 azure blue: 396.03	anthracite: 397.01 azure blue: 397.03
Number of users	1	2 - 4
Amount of laundry*	7.5 kg	10 kg
Energy efficiency*	0.28 kWh/kg	0.28 kWh/kg
Energy efficiency class*	A	A
Drying performance*	2.13 kg/h	2.81 kg/h
Drying time*	3 h 28 min	3 h 57 min
Sound pressure level*	64 dB (A)	70 dB (A)
Refrigerant	R1270	R1270
GWP value***	2	2
Room temperature	5 - 30 °C	5 - 30 °C
Voltage	230 VAC	230 VAC
Frequenz	50 Hz	50 Hz
Protection class	IP X1	IP X1
Power consumption*	2.68 A	2.68 A
Power consumption*	618 W	618 W
Protection	10 A/T	10 A/T
Plug type	T12	T12
Width	512 mm	512 mm
Height	634 mm	634 mm
Depth	327 mm	327 mm
Weight	45 kg	45 kg

secomat 6





secomat 8



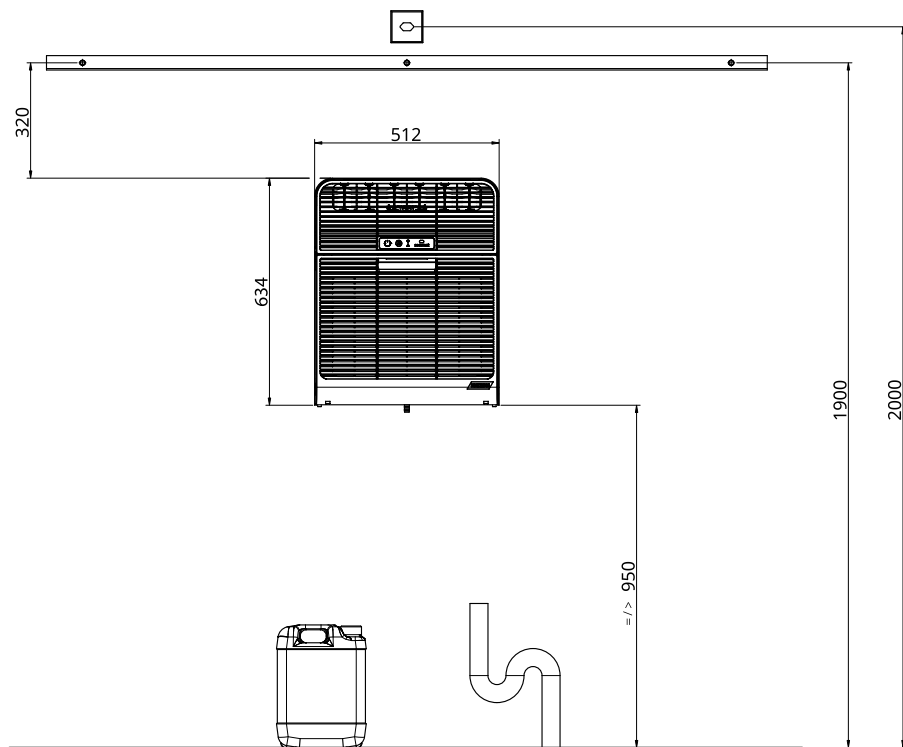
4-6
flats

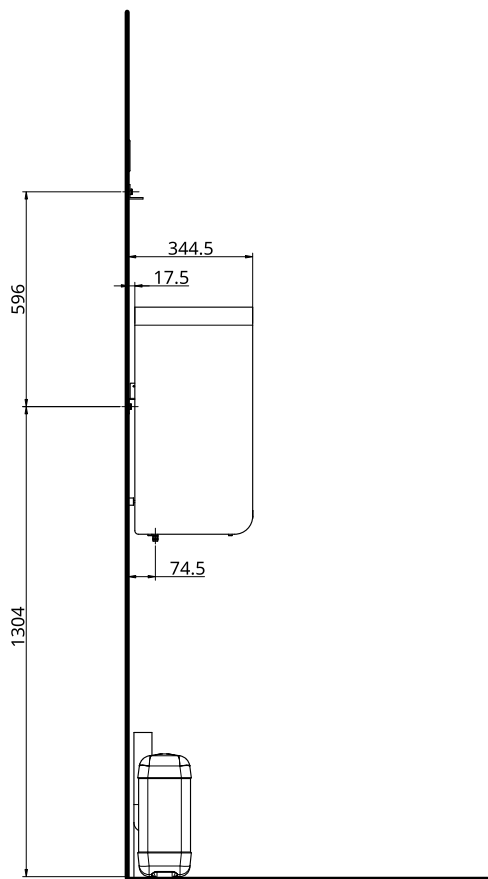


6-8
flats

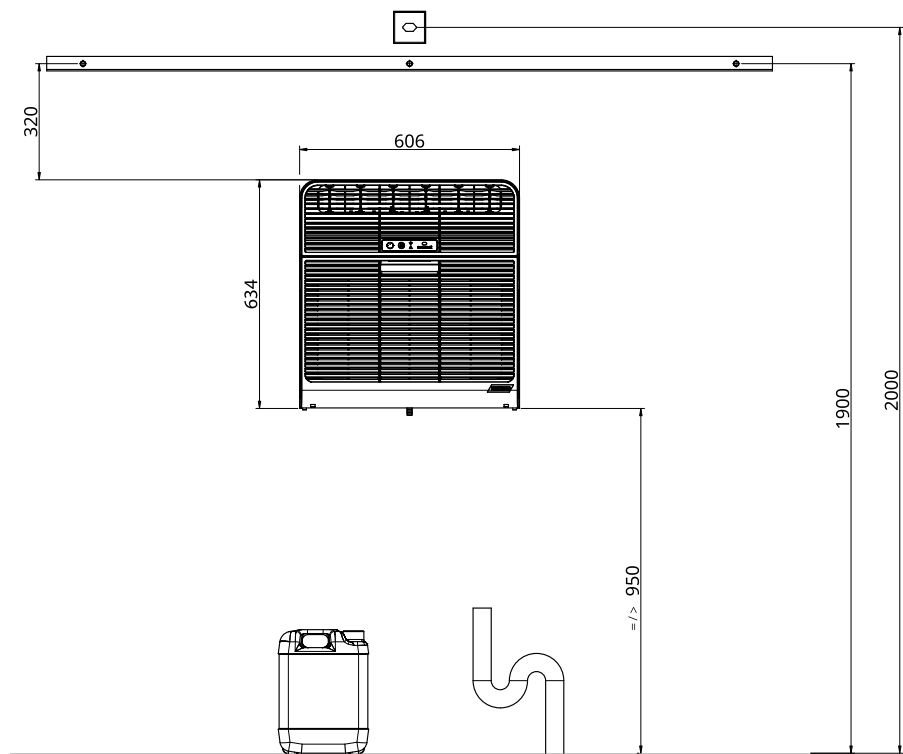
Drying performance in washing machine loads	 3-4	 4-5
Washroom size	 12-20 m ²	 12-24 m ²
Article number	anthracite: 398.01 azure blue: 398.03	anthracite: 399.01 azure blue: 399.03
Number of users	4 - 8	8 - 10
Amount of laundry*	15 kg	20 kg
Energy efficiency*	0.24 kwh/kg	0.23 kwh/kg
Energy efficiency class*	A	A
Drying performance*	3.75 kg/h	4.14 kg/h
Drying time*	4 h	4 h 50min
Sound pressure level*	69 dB (A)	69 dB (A)
Refrigerant	R1270	R1270
GWP value***	2	2
Room temperature	5 - 30 °C	5 - 30 °C
Voltage	230 VAC	230 VAC
Frequenz	50 Hz	50 Hz
Protection class	IP X1	IP X1
Power consumption*	3.8 A	3.8 A
Power consumption*	870 W	870 W
Protection	10 A/T	10 A/T
Plug type	T12	T12
Width	606 mm	606 mm
Height	634 mm	634 mm
Depth	372 mm	372 mm
Weight	55 kg	55 kg

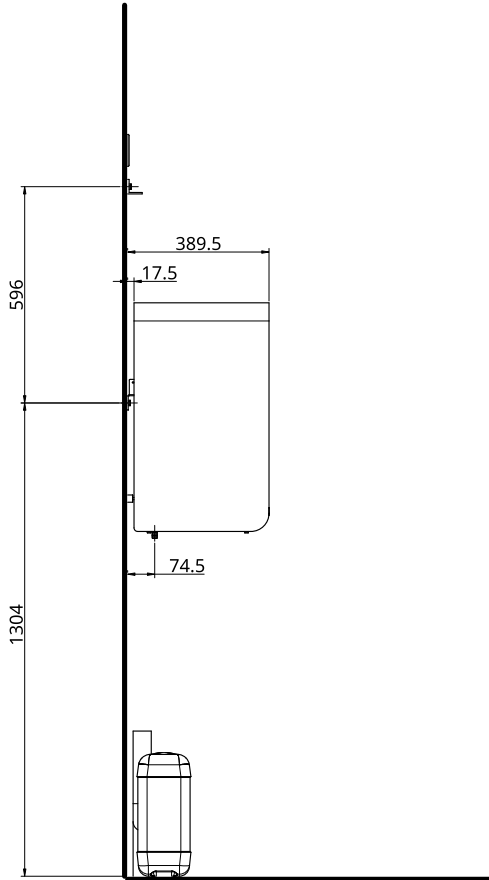
Montage / Montaggio / Mounting secomat 2/4





Montage / Montaggio / Mounting secomat 6/8



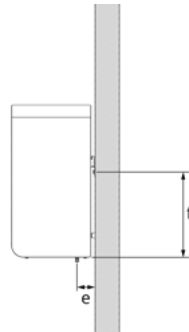
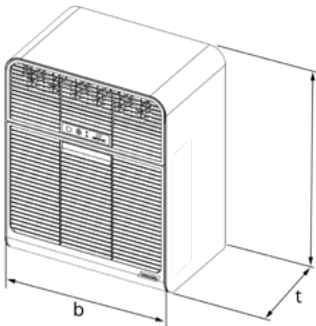


Installation / Installazione

secomat 2/4/6/8

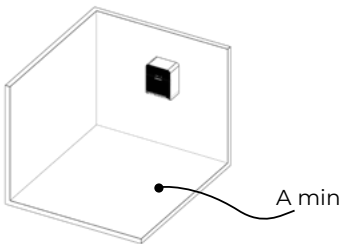


i

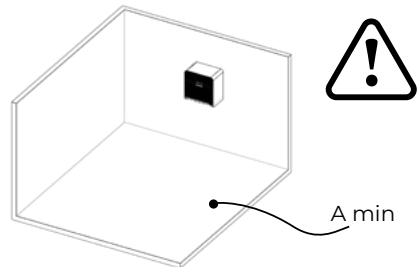


	b [mm]	t [mm]	h [mm]	e [mm]	f [mm]	m [kg]
secomat 2	512	327	634	74.5	354	45
secomat 4	512	327	634	74.5	354	45
secomat 6	606	372	634	74.5	354	55
secomat 8	606	372	634	74.5	354	55

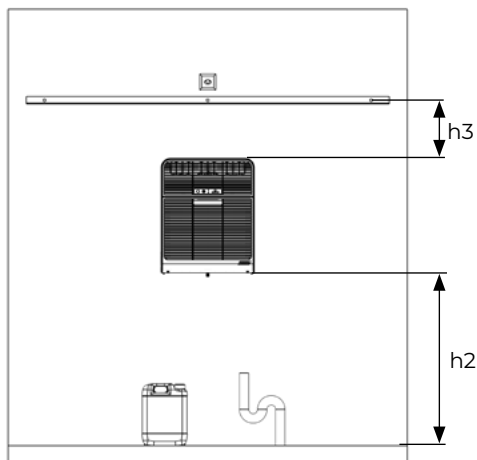
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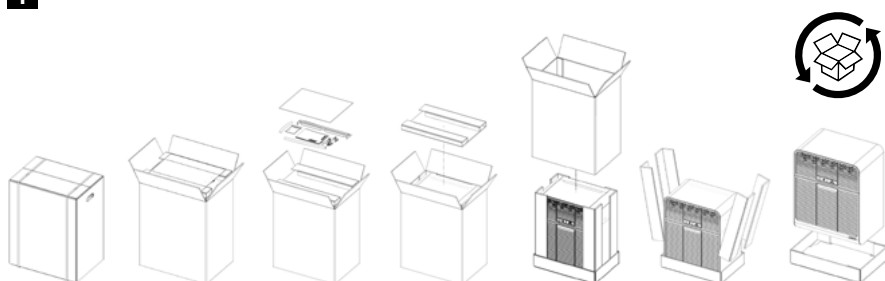
	A min [m ²]
secomat 2	6.00
secomat 4	6.00



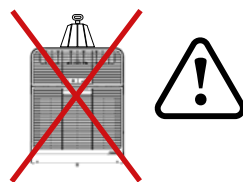
	A min [m ²]
secomat 6	12.00
secomat 8	12.00

i

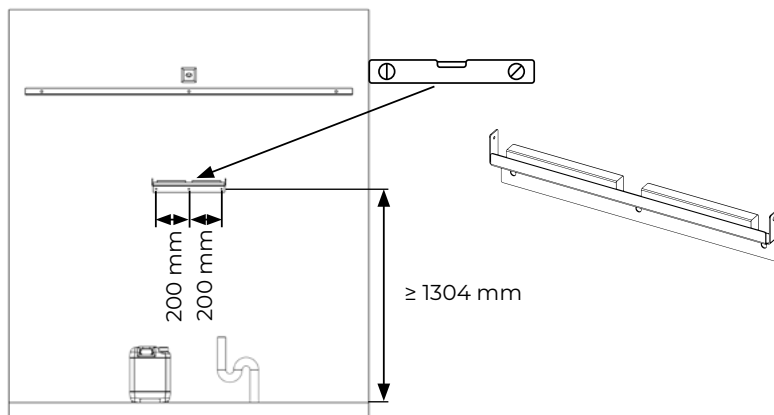
	h2 [mm]	h3 [mm]
secomat 2	≥ 950	ca. 320
secomat 4	≥ 950	ca. 320
secomat 6	≥ 950	ca. 320
secomat 8	≥ 950	ca. 320

i**i**

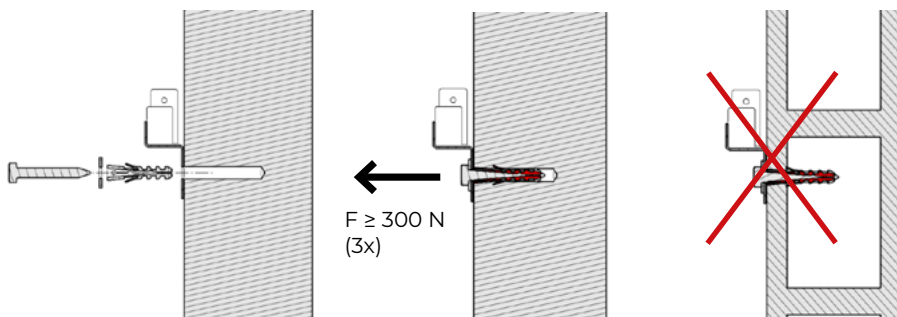
	m ² [kg]
secomat 2	0.00
secomat 4	0.00
secomat 6	0.00
secomat 8	0.00



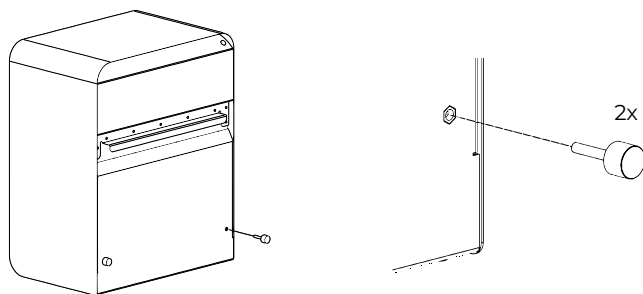
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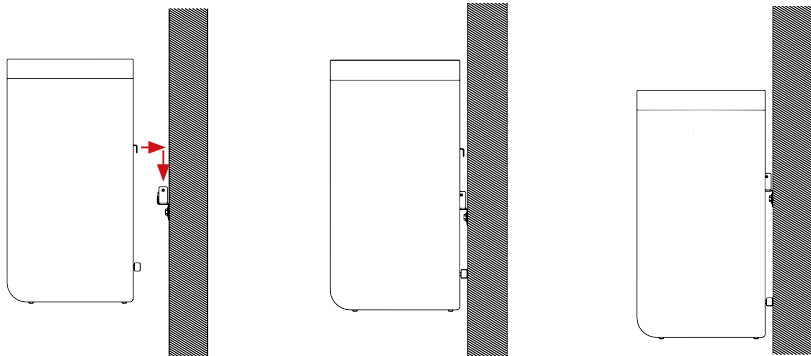
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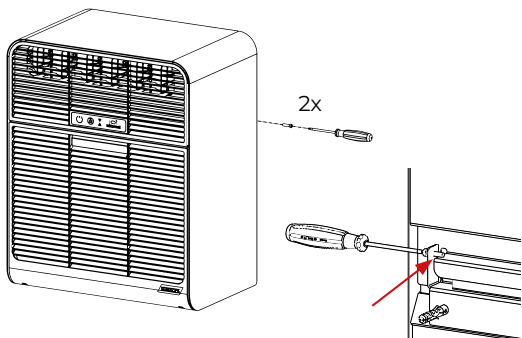
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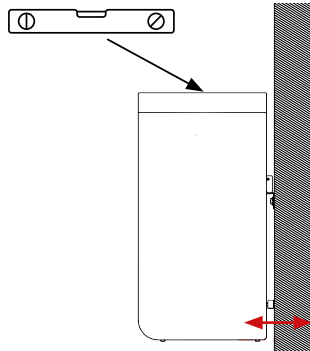
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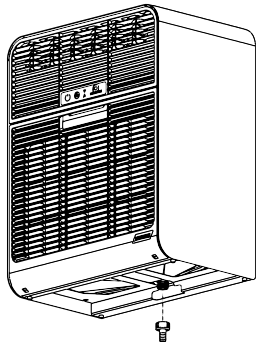
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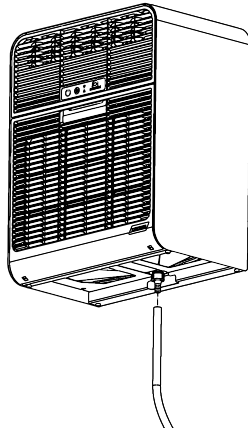
6



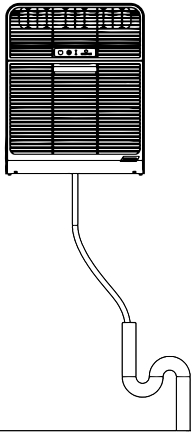
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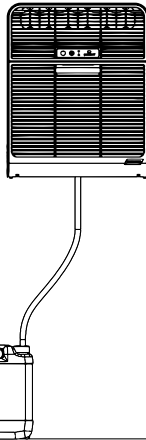
8



9a

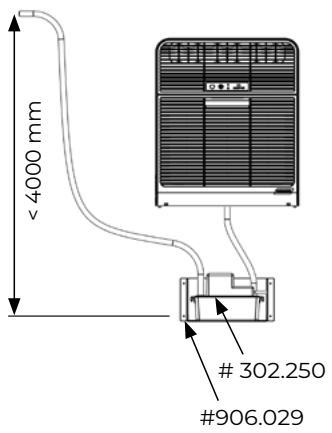


9b

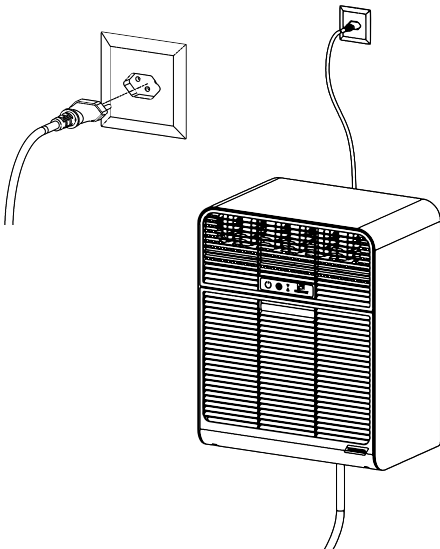


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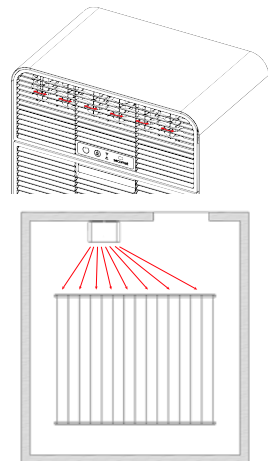
9c



10



11



Unsere Standorte

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