

ERunner drive system*

EN Installation instructions
for ERunner model ERRWL-LS241
System RAUVOLET vetro-line 2.1

* hereinafter referred to as ERunner



Index

01	About these installation instructions	3
02	Target group	3
03	Safety instructions and warnings	3
04	Safety	4
05	Standard delivery contents	6
06	Approved dimensions	8
07	Installation of cabinet carcass	9
08	Installation of control panel and guide rails	10
09	Installation of ERunner and other components	12
10	Installation of tambour door	14
11	Installation of drive cord	17
12	Connection and cable management	19
13	Installation of cover plate	20
14	Commissioning	21
15	Operation	22
16	Obstacle detection	22
17	Power failure	22
18	Resetting the ERunner (service mode)	23
19	Malfunctions/repairs	24
20	Technical data	25
21	Disposal	26
22	EU Declaration of Conformity	26

01 About these installation instructions

- Read through the installation instructions and particularly the safety instructions before using the ERunner for the first time.
- Keep the installation instructions safe for later consultation.

These installation instructions are not intended for the end user. They serve solely as a source of information for the cabinet manufacturer and describe the installation and usage of the ERunner.

It is the responsibility of the manufacturer to provide operating instructions to the end user along with the relevant safety instructions from these installation instructions.

02 Target group

These installation instructions are aimed at all cabinet builders / users of the ERunner.

The installation, setting-up, commissioning, maintenance and disassembly may only be done by correspondingly trained and qualified personnel according to the installation instructions.

03 Safety instructions and warnings

03.01 Safety instructions



Safety instructions are announced with this symbol. At the start of each section, they give general information about secure handling of the ERunner.

03.02 Warnings

Warnings always come in connection with a concrete action. They warn of hazards that can occur due to these actions.

Two examples:



Warning

stands for a hazard that can lead to death or serious physical injury

- Follow the recommendation of how to avoid the hazard.
-

Caution

stands for a hazard that can lead to increased wear or to property damage

- Follow the recommendation of how to avoid the hazard.
-

04 Safety

04.01 General information

The ERunner meets the current state of the art and the applicable safety standards. Nevertheless, there are residual risks if the installation instructions are not followed.

For the safety of the cabinet builder / user, it is necessary to follow the instructions for the installation. Therefore, please read through the installation instructions and particularly the safety instructions carefully and completely before installing and operating the ERunner. Keep the installation instructions safe and have them ready for referring to them later.

Please note that the manufacturer cannot assume any liability or give any warranty for damage and consequential damages caused by non-compliance with the installation instructions. When installing the ERunner, the general regulations for product safety as well as the applicable guidelines must be taken into account.

In case of questions regarding the installation instructions or safety instructions, please contact REHAU.

04.02 Safety instructions



- The ERunner may only be installed by correspondingly trained and qualified personnel.
- A switchable, freely accessible socket must be used as power supply.
- For the power connection of the ERunner, only the REHAU original adapter may be used.
- Ensure that moisture cannot enter the inside of the drive system.
- Do not perform any repairs on the ERunner. In the event that repair is required, contact REHAU.
- This device may not be used by persons with limited physical, sensory or mental capacity or without the required experience and/or the required know-how.
- It is recommended not to leave the ERunner tambour door cabinet unattended when it is moving in an upward or downward direction.
- Do not store any vital medicines in the ERunner tambour door cabinet.
- It is not permitted to hang on the tambour door of the ERunner tambour door cabinet.
- It is not permitted to trigger the obstacle detection of the ERunner several times in a row by intentionally holding the ERunner tambour door (s. Kap. 16)
- It is not permitted to open or close the ERunner door cabinet exclusively by hand in regular operation.

Exception:

If there is a defect, the ERunner tambour door cabinet can be manually opened using emergency opening (s. Kap. 17.01).

04.03 Intended use

The ERunner, with its motor operation, can lift and lower the vertical tambour doors in order to open or close a cabinet.

The ERunner may only be used

- in dry, interior rooms and
- in combination with the RAUVOLET vetro-line 2.1 tambour door system by REHAU.

Any other use (among others, as school furniture, children's furniture, hospital furniture or in a hotel or bath (wet rooms)) is considered as improper use; the manufacturer cannot assume any liability in this case.

04.04 Structural changes and spare parts

Structural changes, use of non-approved spare parts and changes to the firmware must be explicitly approved by the manufacturer. They may impair the safety and the correct operation of the ERunner. They are considered as improper use and are therefore not permissible.

- Only original spare parts of the manufacturer may be used.
- Disconnect the ERunner from the power supply before carrying out any structural changes or maintenance work.
- Modifications to the firmware may only be carried out by correspondingly trained and qualified personnel.
- Individual components may only be installed, replaced and connected by correspondingly trained and qualified personnel.

04.05 Cleaning the ERunner/ERunner tambour door cabinet

- Before cleaning, disconnect the ERunner from the power supply.
- Simply use a moist cloth to clean the drive system and the control panel. Moisture and corrosive cleaning agents can damage the electronic components.
- Never open the ERunner or the power supply unit.

04.06 Damage to the ERunner or the control panel

If you find that the ERunner is no longer working correctly, please contact REHAU.

- Do not perform any repairs on the ERunner on your own.
- Do not make any changes to the ERunner. Unauthorised repairs and changes to the ERunner can lead to incalculable risks.
- Never put a damaged ERunner into operation.
- Sharp edges can damage the interior pullcords.
- Damages to the pullcords must be repaired by trained and qualified personnel before the next use.

04.07 Electricity supply



- Protect the ERunner from moisture, water and corrosive substances.
- Do not use the cable to carry the power supply unit.
- Do not pull the plug out of the socket holding the cable.
- Protect cables from damage.
- Keep the power supply unit away from heat, sharp edges, moving objects and children.



Warning

Danger of electric shock or short circuit!

- Do not open or modify the power supply unit.
- Do not insert foreign objects into the ERunner openings.
- Do not plug multiple extension cables in a row.

Caution

Overheating of the ERunner due to insufficient ventilation!

- Ensure sufficient ventilation of the drive system.
- Do not cover drive system and its ventilation slits.

Caution

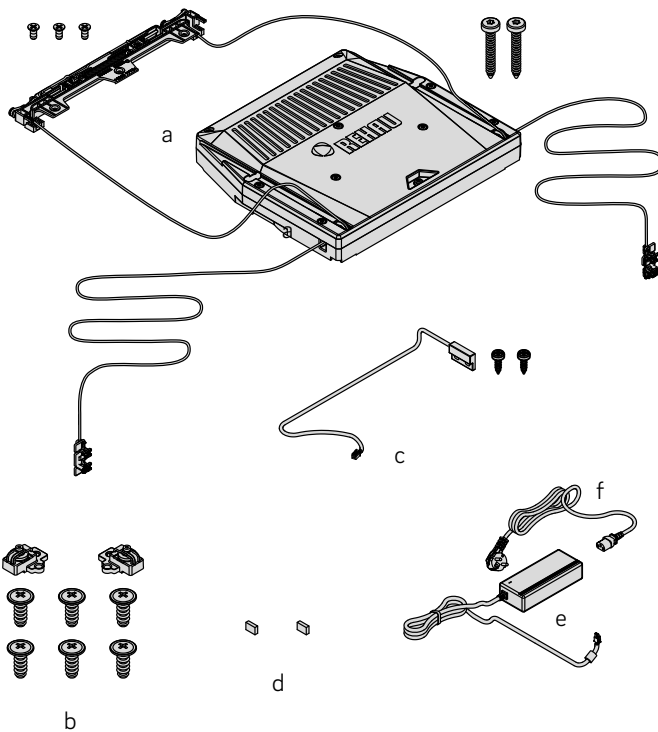
The operating duration provided for measuring the ERunner is 2 minutes when the maximum measuring torque is being applied. Please note that according to the standard definition, the drive with the driven part (finished tambour door cabinet) must be indicated with the measuring operation clearance (movement cycles). This depends on the size of the cabinet, the traverse path and the speed.

05 Standard delivery contents

05.01 Essential principles

The following delivery contents are for a 600 mm wide cabinet with the RAUVOLET vetro-line 2.1 tambour door system. The delivery contents may vary for a different cabinet width.

Screws for the installation of the ERunner components (drive box, deflection pulley, reed contact, end lamella) are included in the delivery contents. All other screws must be provided at the place of installation. The screws listed here (s. Kap. 05.02) are recommendations from REHAU.



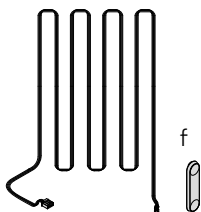
Standard ERunner

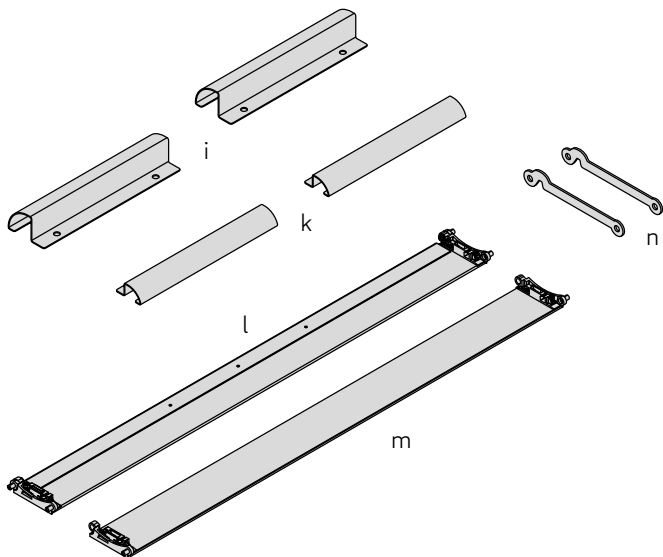
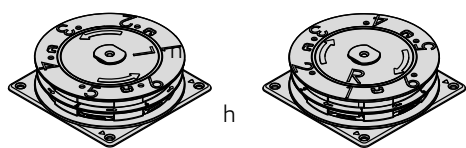
- a Drive box (1x) including:
 - Screws (2x)
 - End lamella clip (1x) with screws (3x)
- b Deflection pulley (2x) with screws (6x)
- c Reed contact (1x) with screws (2x)
- d Magnets (2x)
- e ERunner AC adapter (1x)

- f REHAU AC adapter cable (1x) type E/F (alternative type G, J)

ERunner control panel

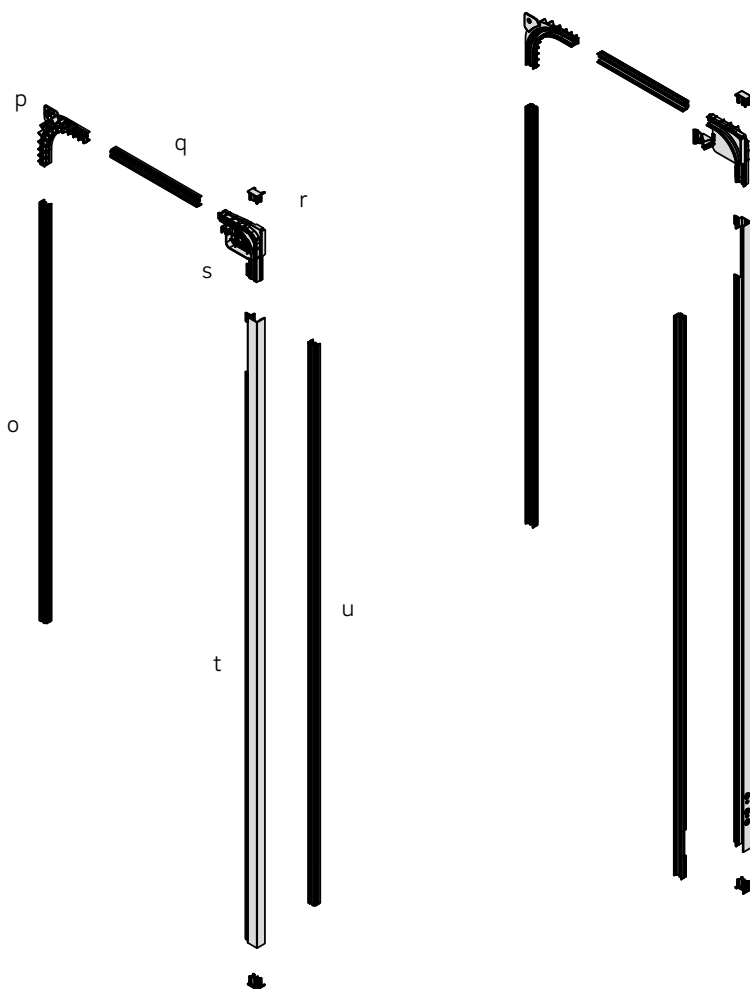
- g ERunner PURE small (1x) with cable (1x)





Additional components

- h C9 mechanics (2x)
- i Rear high deflecting plate (2x)
- k Front low deflecting plate (2x)
- l End lamella set (1x)
- m Additional centre slat (1x)
- n Connection bracket (2x)



- p Rear deflection (1x right, 1x left)
- q Top guide profile (2x)
- r End caps (2x right, 2x left)
- s Front deflection (1x right, 1x left)
- t Guide rail (1x right, 1x left)
- u Front guide profile (2x)

05.02 Recommended accessories (not included in the delivery contents)

Accessories	Quantity	Intended use
Countersunk head chipboard screw 4x15 mm with cross slot	20 pcs	8 x C9 mechanics, 8 x spacer plates front and rear, 4 x deflection
Cable channel 10x15 mm	approx. 1.2 m	Fixing of cable
REHAU plastic lubricant 5 ml tube (material number: 17799941001)	1 pc	Greasing the track system
Base beam for inspection (material number: 13198731001)	4 pcs	Fastening the inspection base
Flat-headed screw 3.5 x 12 mm with cross slot	2 pc	Fastening the cord adapter

06 Approved dimensions

Cabinet outer dimensions	Width 600 mm	Width 900 mm
Height (maximum)	1,500 mm	1,500 mm
Height (minimum)	600 mm	450 mm
Depth incl. guide rails (maximum)	590 mm	590 mm
Depth incl. guide rails (minimum)	365 mm	365 mm

07 Installation of cabinet carcass

These instructions explain the work steps for a countertop-mounted cabinet. The steps can vary depending on production type and process.

Preparing carcass parts:

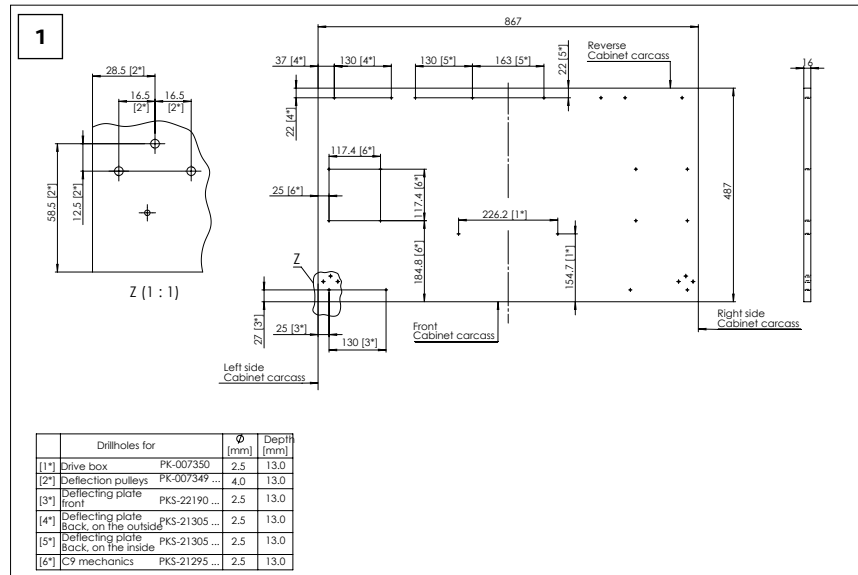
- Structural shelf
- Side walls

Dimension drawings for preparing the carcass parts can be provided by REHAU upon request.

1 Example - pre-drilling structural shelf: Infer position of the drill holes from the dimension drawing (Assembly steps described below are based on outer dimensions of the cabinet)

- incl. guide rails:

1,148.5 x 600 x 371 mm (H x W x T)



2 Dampen dowel drill holes and rear shelf recess of both prepared carcass sides using quick binder glue

3 Insert structural shelf and rear shelf into a carcass side

Caution, crushing hazard!

Structural shelves, glass shelves and loose shelves must be secured against slipping

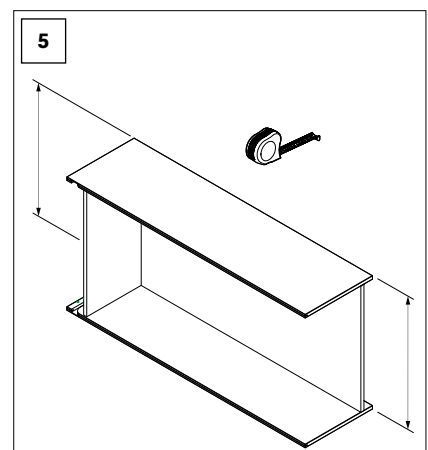
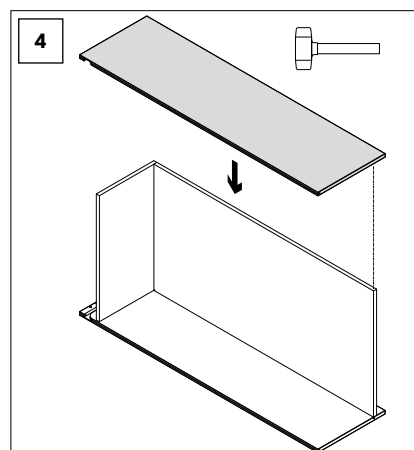
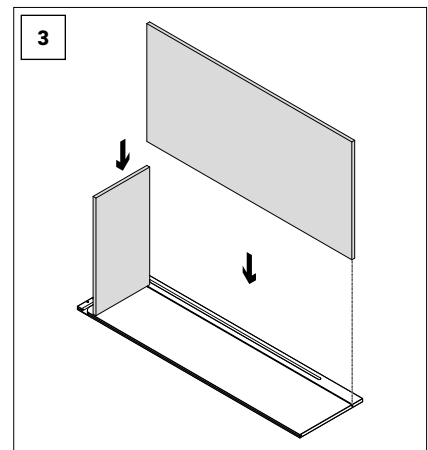
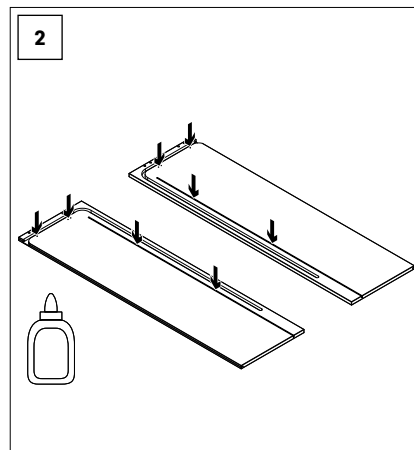
4 Erect other carcass side, align using rubber mallet

5 Remeasure; readjust, if required. To fix, use screw clamps, press, etc.

After the adhesive has hardened, set up the cabinet

Caution, shearing hazard when working with optional shelves / removable shelves!

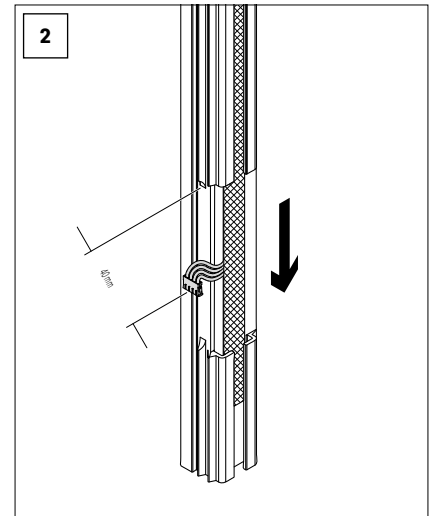
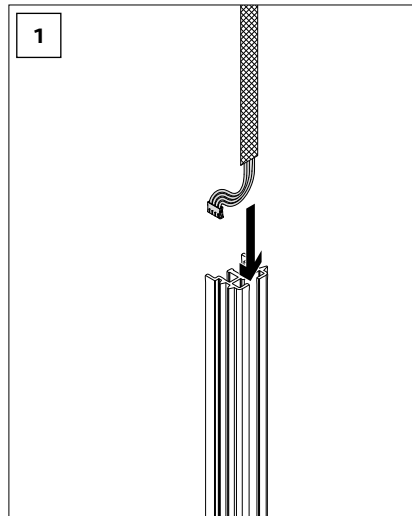
The distance of optional shelves / removable shelves must be at least 25 mm away from the moving parts (tambour doors).



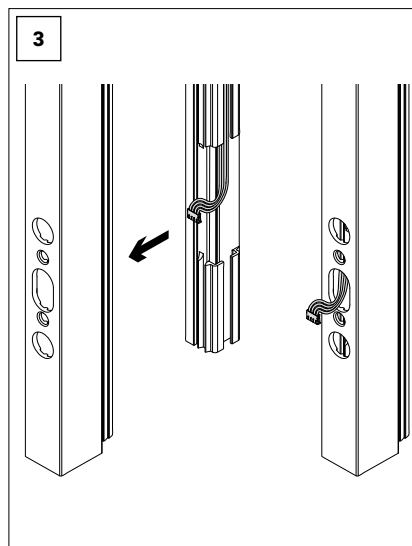
08 Installation of control panel and guide rails

Installing control panel:

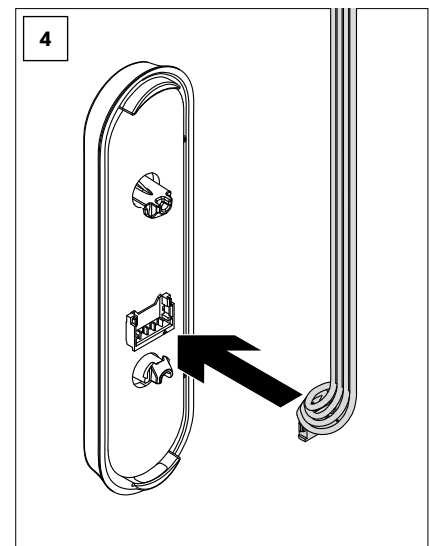
1 2 Insert cable into the guide profile using suitable installation tool (e.g. 10-mm Teflon tape). Let the plug protrude 40 mm from the cable



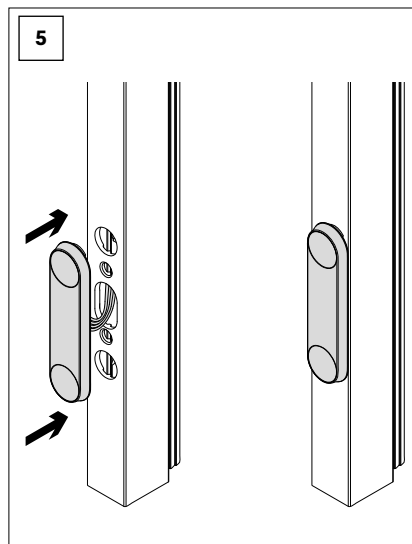
3 Carefully clip the guide profile with assembled cable into the guide rails. Let the plug protrude 40 mm



4 Carefully clip the control panel on the cable plug with the black contact side such that it is flat.

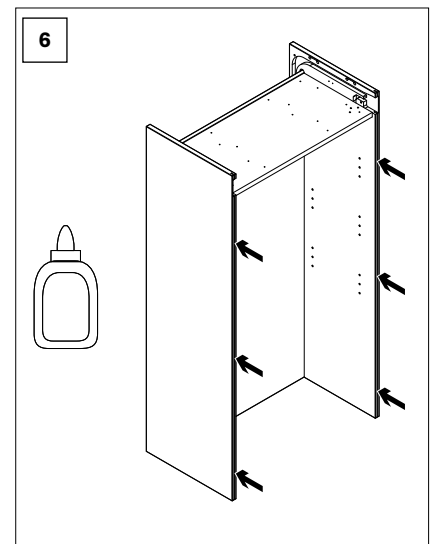


5 Carefully clip the control panel into the guide rails in a flush manner



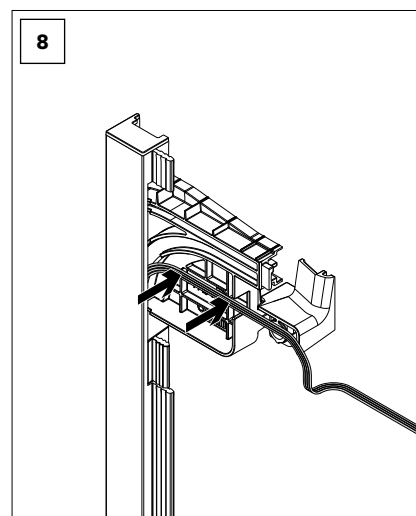
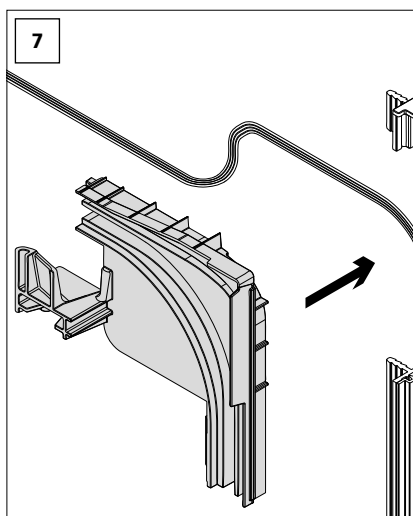
Assembling guide rails:

6 Dampen both grooves on the front of the carcass using quick binder glue



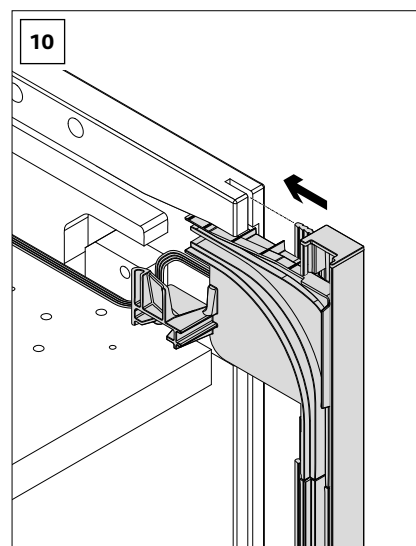
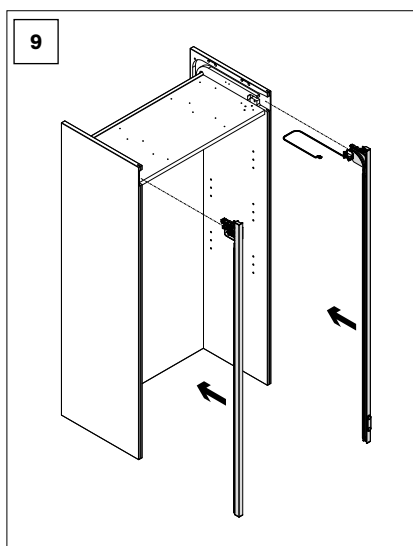
- 7 8 Install the control panel cable behind the front deflection

Insert the front deflection into the guide rails



- 9 10 Press guide rails with front deflection flush into the grooves

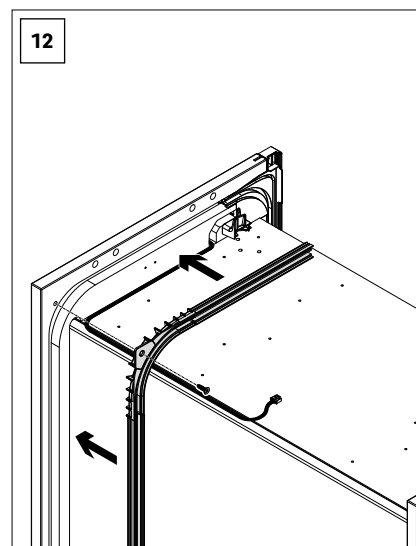
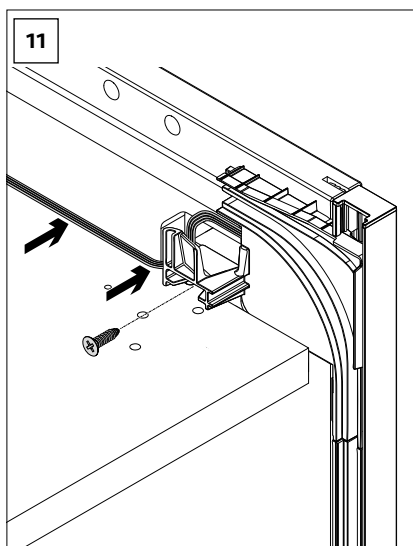
Ensure that the cable does not get clamped during assembly



- 11 Guide the cable behind the front deflection along the side wall

Assemble the front deflection with countersunk head chipboard screw 4 x 15 mm (not included in the delivery contents)

- 12 Press guide rails with rear deflection flush into the groove and assemble using screw in similar manner (indicated on the right as an example)

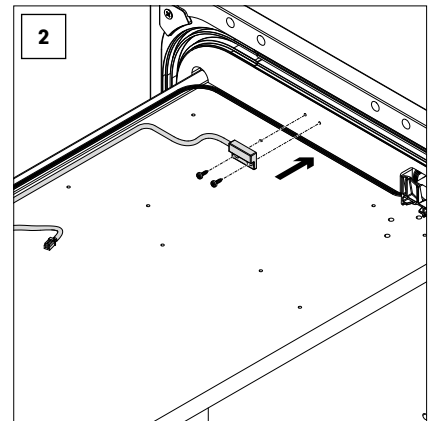
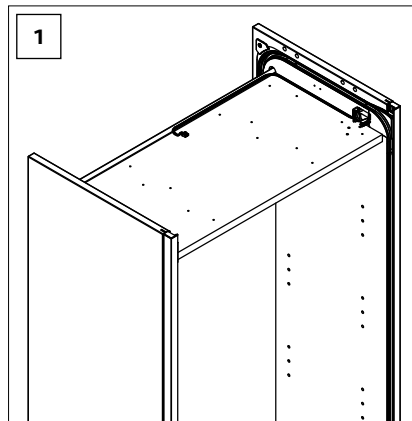


09 Installation of ERunner and other components

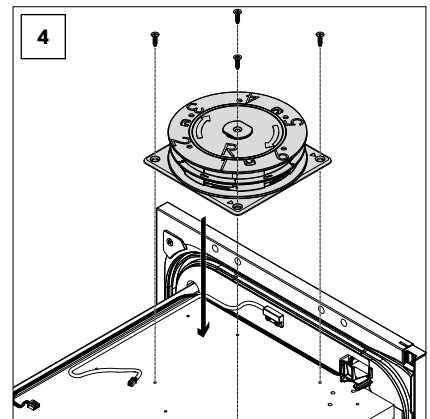
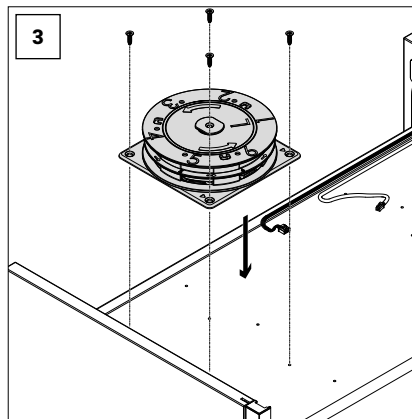
The structural shelf must be prepared in order to install the components. The respective screw position of the components is indicated in the dimension drawing for the structural shelf (s. Kap. 07).

1 Initial situation: Prepared cabinet with structural shelf for installing the ERunner components

2 Assemble reed contact on the right side wall (drill positions s. Kap. 07) using the screws supplied.

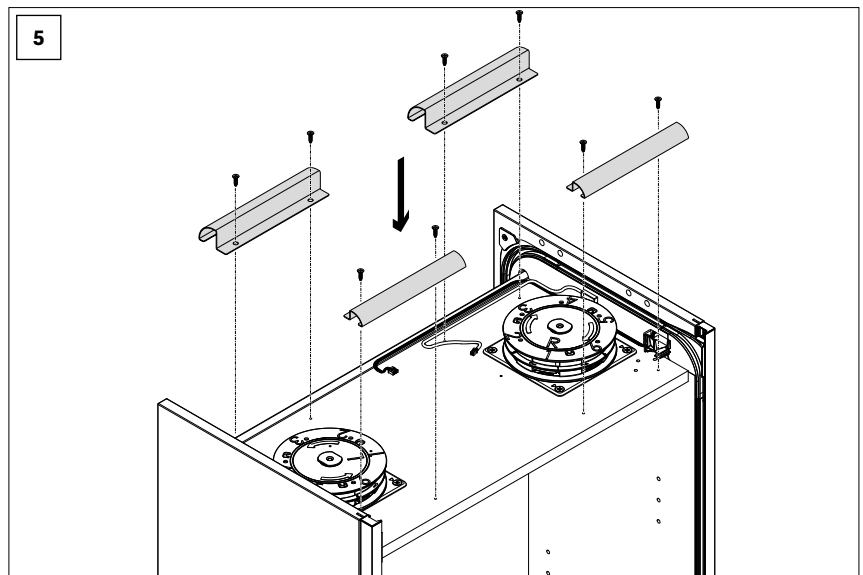


3 4 Assemble C9 mechanics on the left and right. Observe L and R marking and the direction of the arrow (for suitable screw recommendation s. Kap. 05.02)

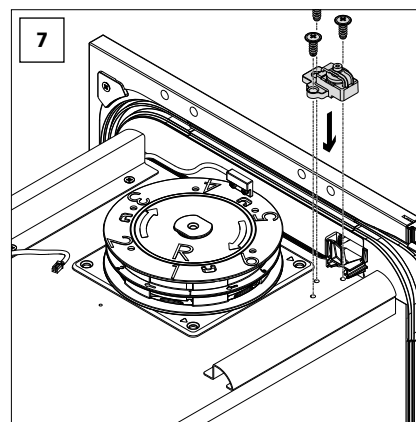
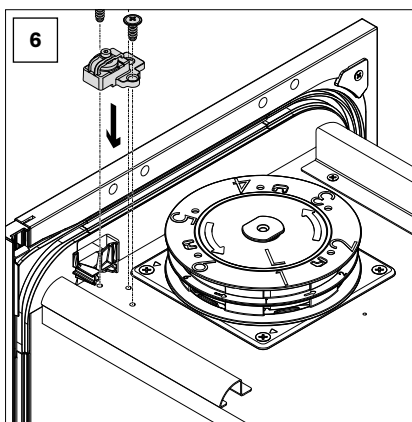


5 Install the lower deflecting plate at the front. Install the higher deflecting plate at the back on the spacer plates. (For suitable screw recommendation s. Kap. 05.02)

As an optional step, guide the reed contact and control panel cable through the cavity of the deflecting plate to the right in the back



- 6 7 Install deflection pulleys on the left and right using the screws supplied



8 **Caution, risk of friction and abrasion due to motor-operated drive cords!**

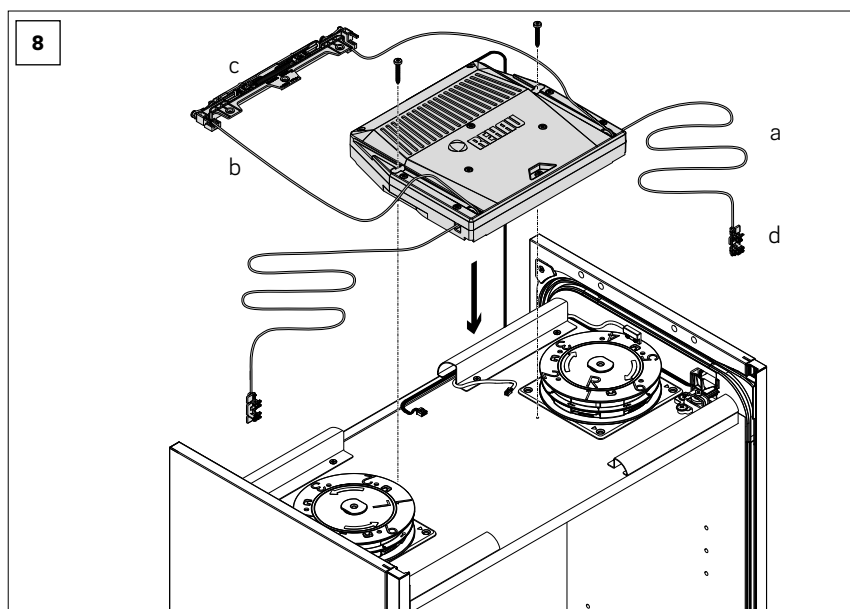
The power supply unit may not be connected to the power supply yet!

- a Front drive cords
- b Rear drive cords
- c End lamella clip
- d Cord adapter

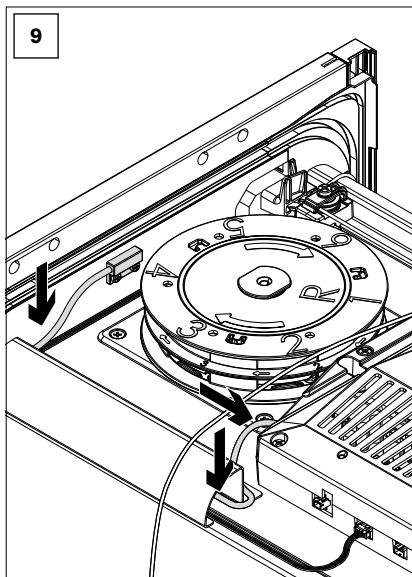
Position drive system in the centre and tighten with the screws supplied using a Phillips screwdriver.

The recommended starting torque is 1.3 +/- 0.1 Nm.

When installing the drive system, place the cord to front (a) or back (b) depending on the illustration

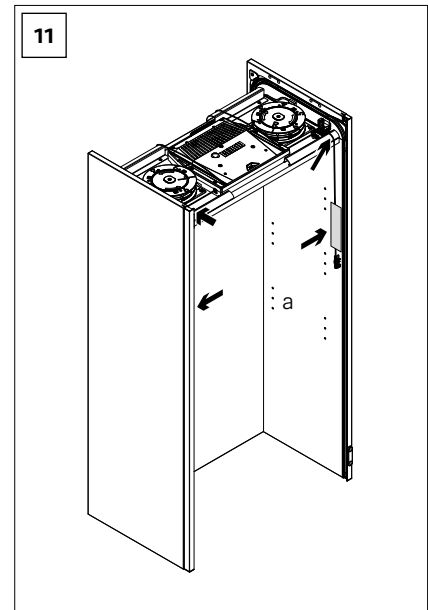
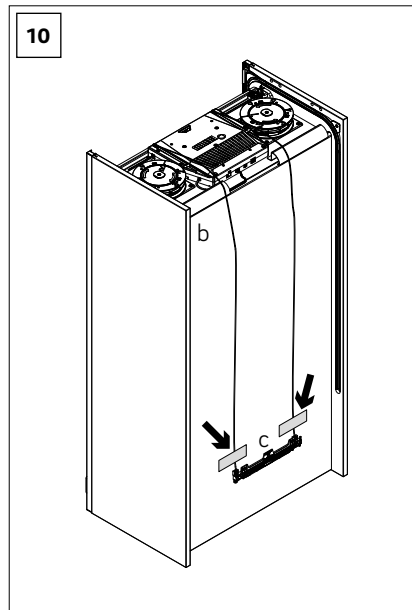


- 9 Connect the reed contact cable to the drive system



10 Using the end lamella clip (c) guide the drive cords going to the back (b) over the deflecting plate and fix it to the cabinet rear shelf using adhesive tape

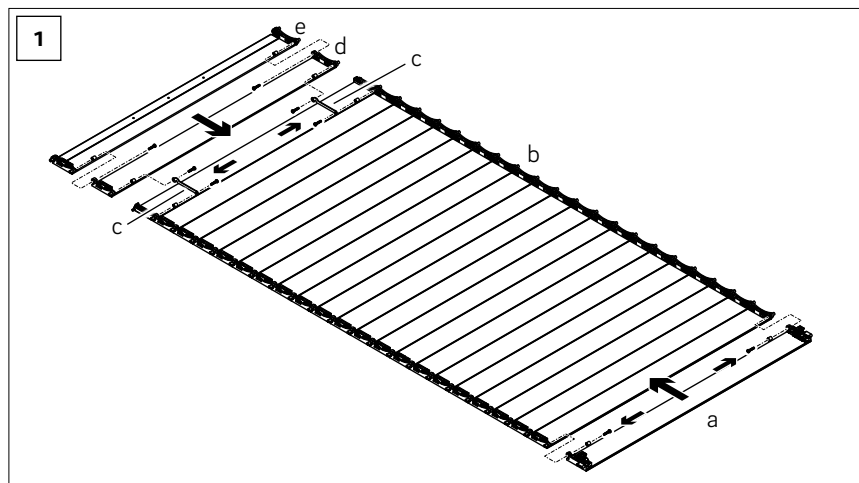
11 Guide the drive cord going to the front (a) and the cord adapter (d) over the deflection pulleys and the deflecting plate (a) and fix it at the front on the inner side wall using adhesive tape



10 Installation of tambour door

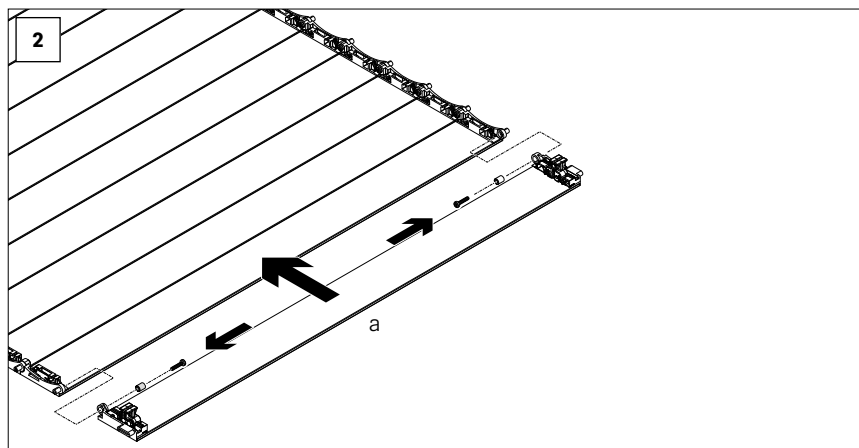
1 Mount starting, centre and end lamella with visible side downward

- a Start lamella
- b Centre slats including end rod
- c Connection bracket
- d Additional centre slats
- e End lamella set

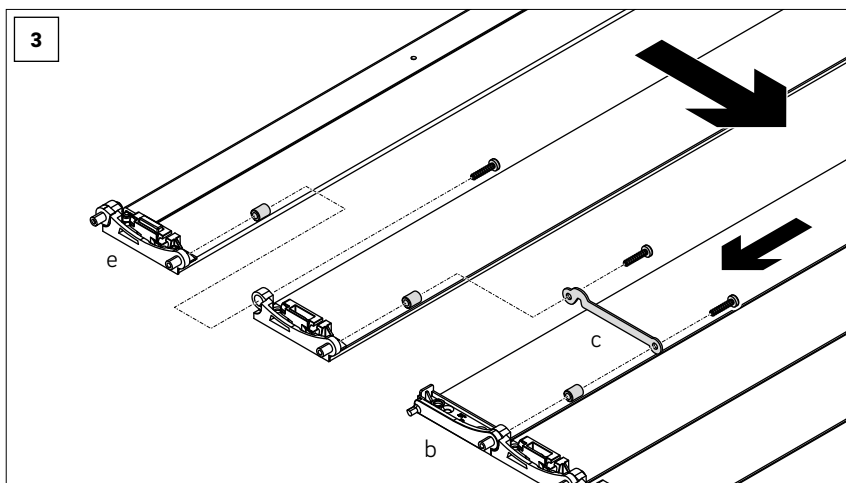


2 Position start lamella (a) at the centre lamella (b)

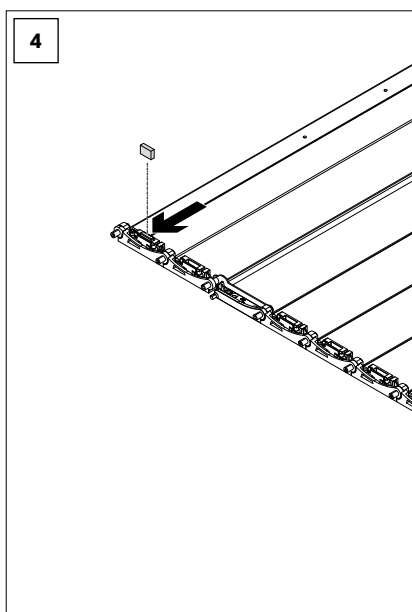
- Move sleeve and screw through the slider and screw them together
- Install the opposite side in similar manner



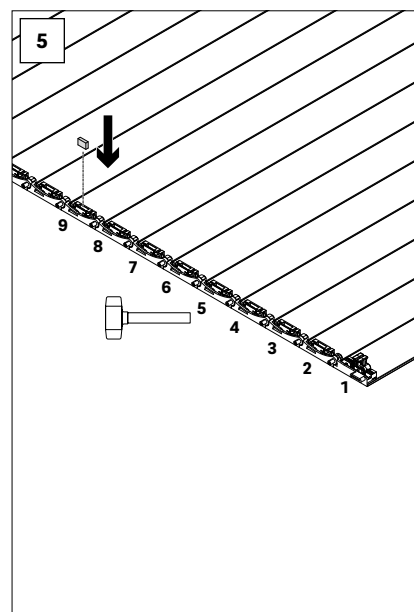
- 3 Fasten end lamella (e) and additional centre slats to the end rod (b) using the connection bracket (c)



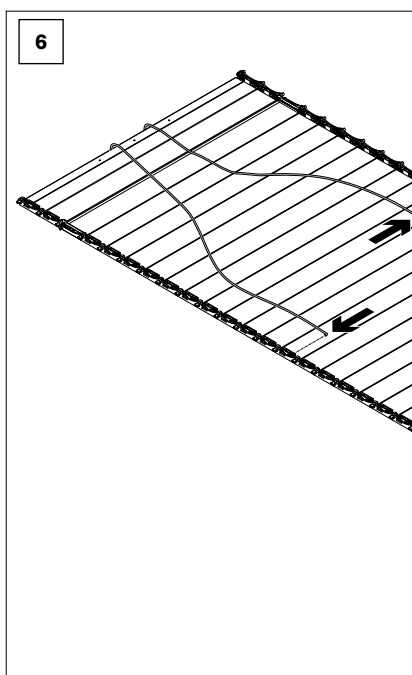
- 4 Magnet is already pre-installed as an option. Otherwise, carefully insert the first magnet using a rubber mallet, as shown, in the end lamella (e). The magnet is in a mounted state on the side of reed contact.



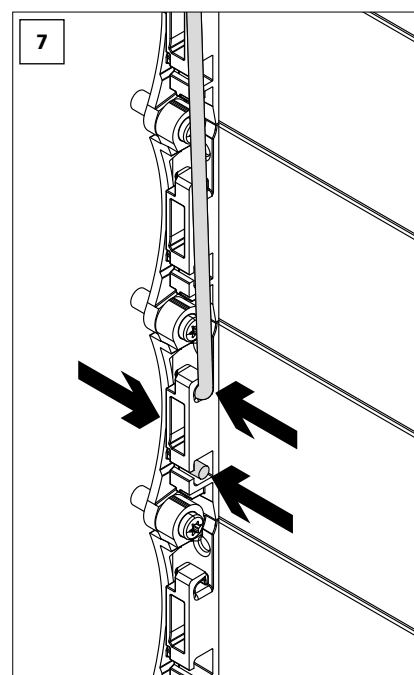
- 5 Carefully insert the second magnet, as shown, into the ninth slat.



- 6 Fasten pullcords for the C9 mechanics to the tambour door



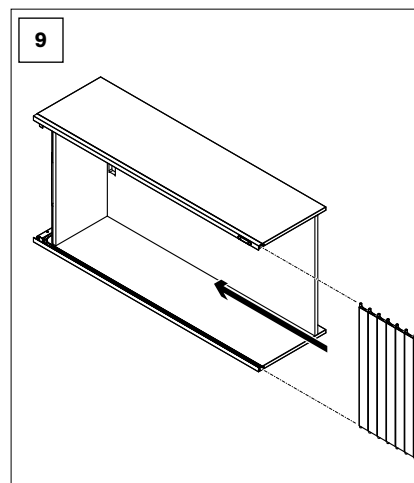
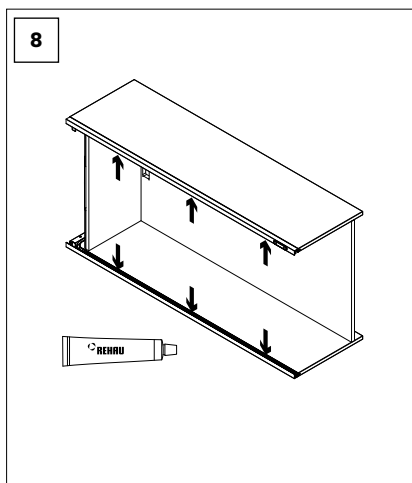
- 7 Connect end cap of the pullcord on the right and left to the guide sliders (position can be found in the separate setting matrix).



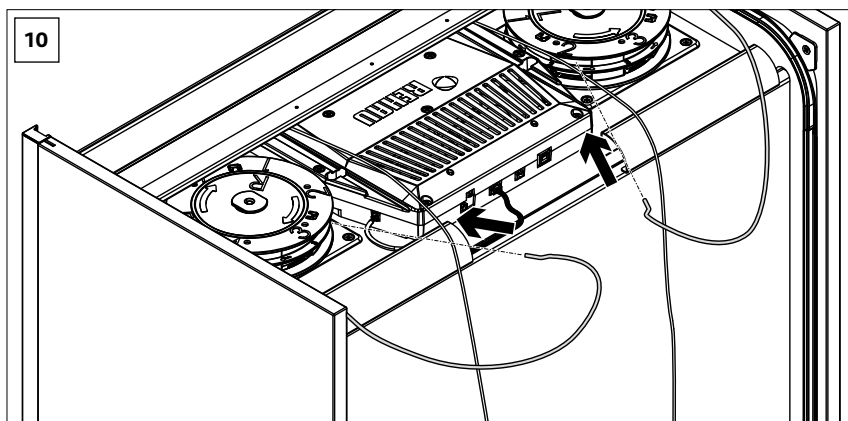
8 Apply plastic lubricant to the contact area of guide system
(Recommendation: REHAU plastic lubricant; 5 ml tube; mat. no. 17799941001)

9 **Caution, crushing hazard!**

It is recommended to wear safety gloves. Place cabinet on the side and mount tambour door as far as possible (up to the rear stop of the bent guide profile). The tambour door is now completely open. After setting it upright, carefully close the tambour doors.



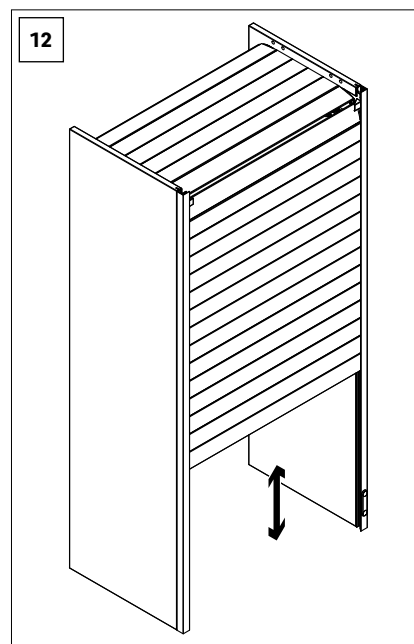
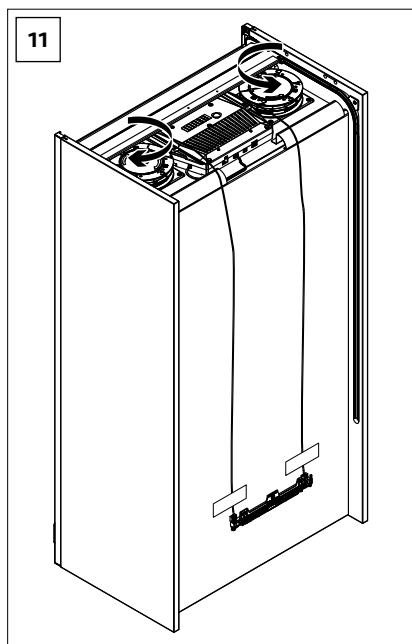
10 Mount end caps of the pullcords to the C9 pull mechanics
(Position can be found in the separate setting matrix)



11 Wind up pullcords to slight tension and place over the rope guide hooks. Then pretension the C9 mechanics (spring pretension can be found in the separate setting matrix)

12 Carry out test run: Move tambour door by hand

Caution! The mechanics must halt the tambour door at each position. The tambour door must not pull itself upwards, nor should it be very difficult to close. If this is the case, a correction is required as otherwise the drive detects it as a non-existent obstacle and does not close completely.



11 Installation of drive cord

Rear drive cords

① Assemble end lamella clip to the end lamella using rear drive cords and the screws supplied

Caution! Do not clamp drive cords when doing this!

Insert connection cable of the power supply unit into the drive unit (s. Kap. 12)

Caution! Do not connect the power supply unit to the power supply yet. There is a risk of crushing the hands between the assembled components when the rear drive cords are retracted

Front drive cords

② Move the tambour door up to the cords connected on the side of the carcass

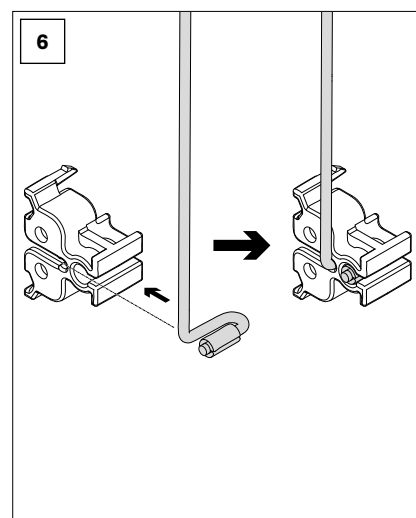
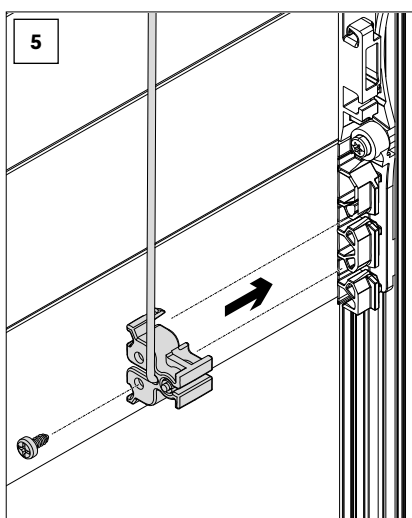
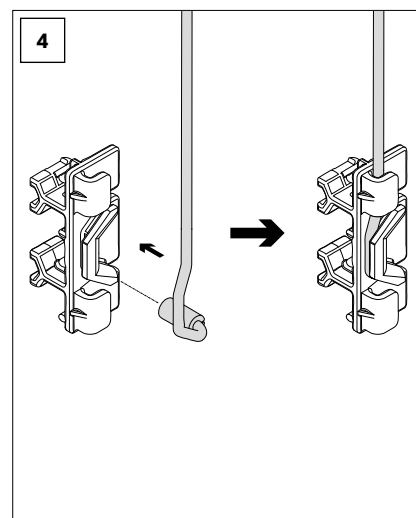
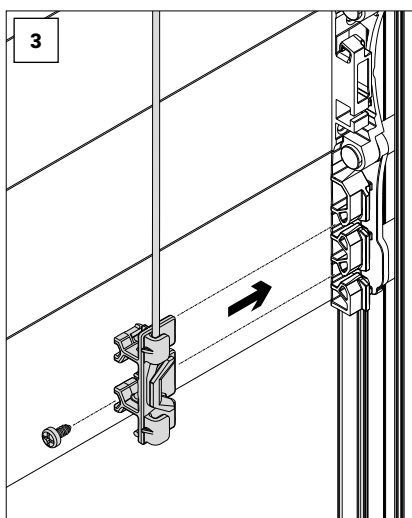
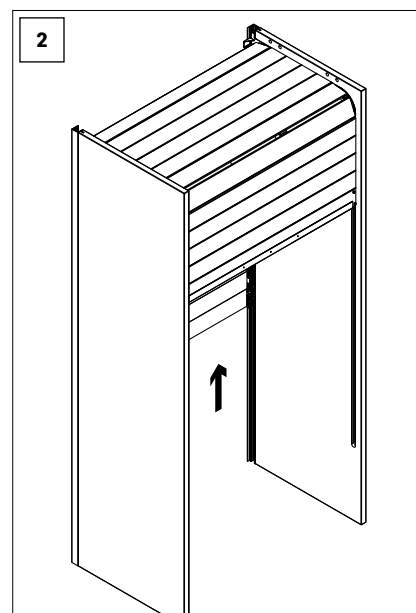
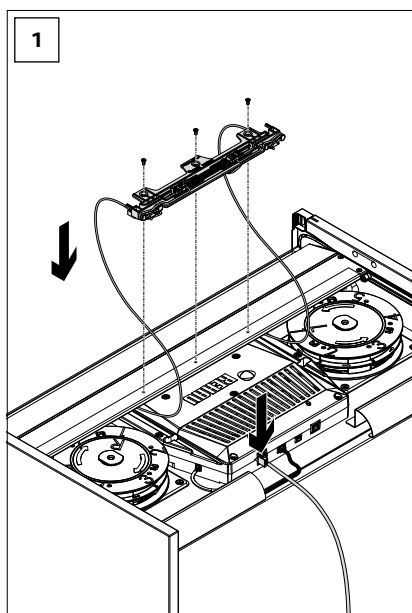
Remove adhesive tape from the drive cords

Caution! Do not connect the power supply unit to the power supply yet. There is a risk of crushing the hands between the assembled components when the front drive cords are retracted

③ Clip cord adapter into the lowest lamella and secure in place using screw

④ If the end of drive cord has come loose from the cord adapter, thread the cord end back into the cord adapter. When doing so, pay attention to the correct positioning!

⑤ ⑥ 5 and 6 show the installation of the optionally available cord adapter with integrated stopper.

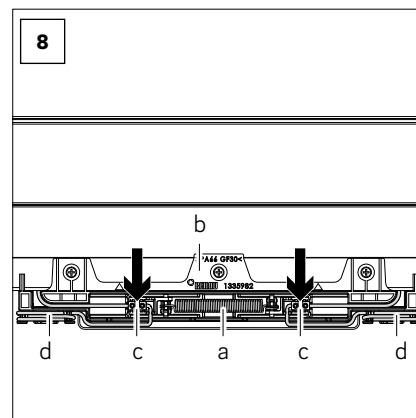
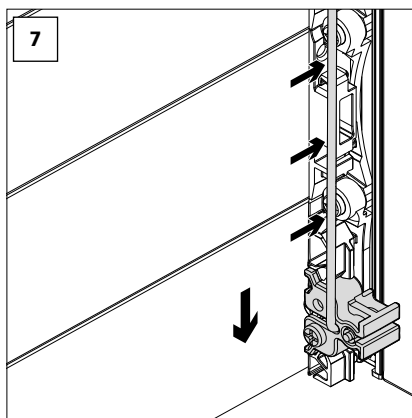


7 Slowly close the tambour door until the front drive cords are lightly tensioned

8 Individual parts of the end lamella clip

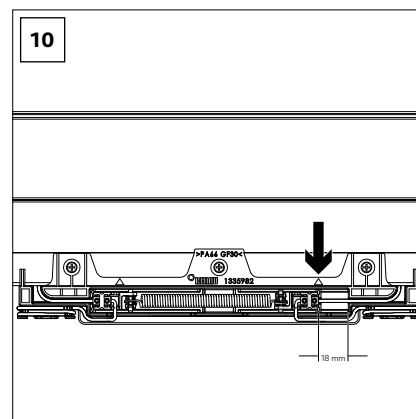
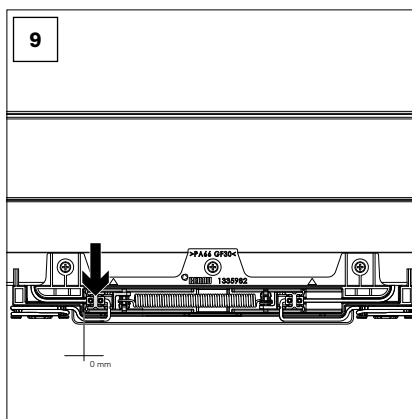
- a Tension spring
- b Slider
- c Threaded pins
- d Cord winding

Loosen threaded pins. Tighten drive cords (cords must run over the deflecting plate, s. Kap. 09)



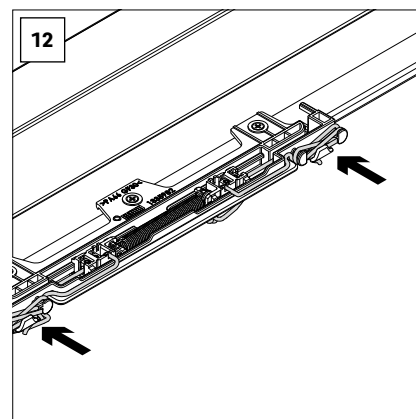
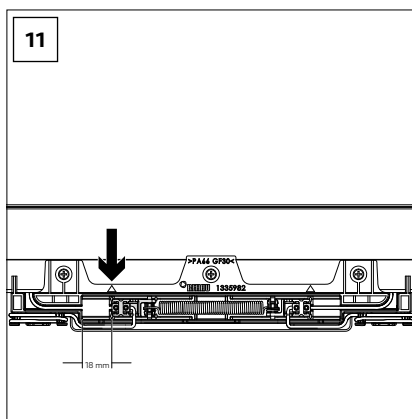
9 Lightly tighten left slider on block (0 mm) and cord with the threaded pin

10 Set right slider at the centre of the triangle sign (18 mm). Tighten both threaded pins with the recommended torque of 0.5 +/- 0.1 Nm

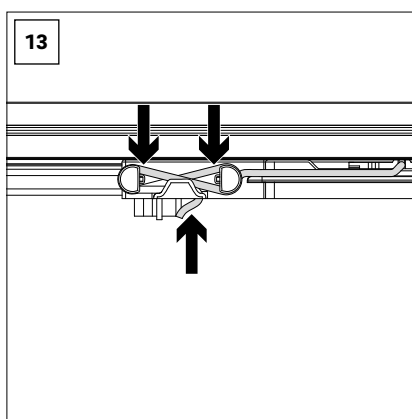


11 Lightly loosen left threaded pin again, set it to the triangle sign in a similar manner (18 mm) and tighten both threaded pins with the recommended torque of 0.5 +/- 0.1 Nm.

12 Shorten drive cords after tightening up to 200 mm. Fasten remaining cord to cord winding.



13 Clamp cord ends on the right and left into the narrow slot provided

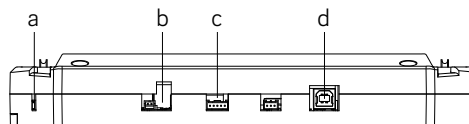


12 Connection and cable management

12.01 Connection management

Connections to drive system

- a Reed contact
- b REHAU AC adapter
- c ERunner control panel
- d USB type B for firmware update



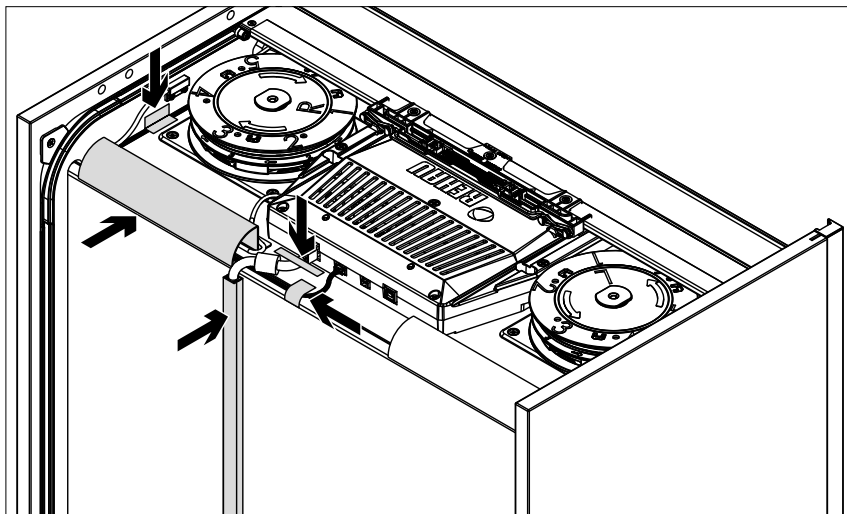
12.02 Cable management

Store excess cable on the structural shelf in the rear right deflecting plate

Caution! Do not squeeze, kink or clamp cable.

Guide cable (power supply for the drive) on the rear shelf through the tambour door or a cable channel to protect it from retracting

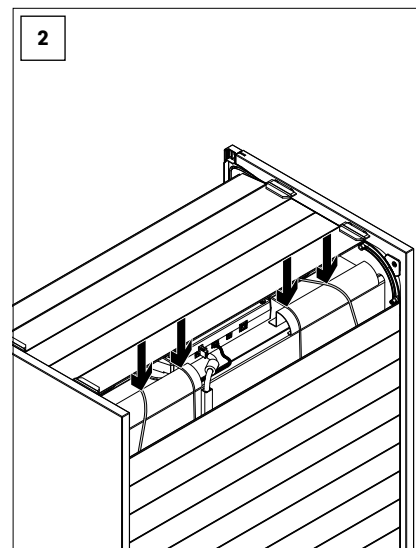
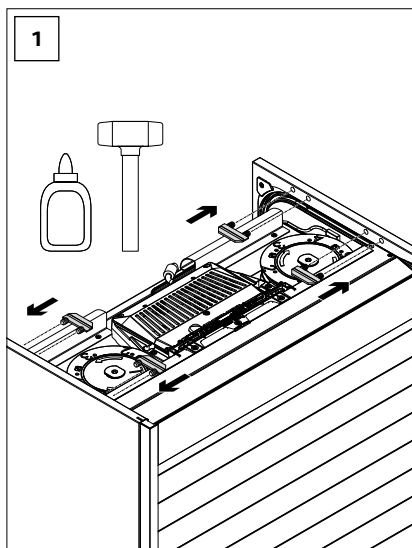
Fix all the cables using adhesive tape at appropriate intervals.



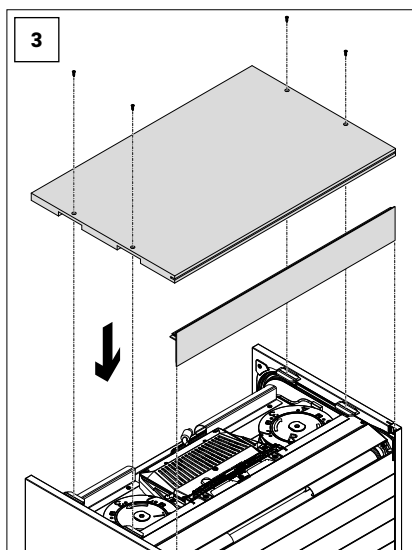
13 Installation of cover plate

1 Dampen the drillholes for the bottom beam for inspection on both sides using quick binder glue and attach bottom beam using rubber mallet.

2 **Caution!** Check the correct position of the front and rear drive cords over the deflecting plate before installing the inspection base!



3 Plug pilaster strip with the spring into the inspection base slot. Install inspection base on the carcass. (For suitable screw recommendation s. Kap. 05.02)



14 Commissioning

14.01 General information

Upon delivery, the ERunner is generally in the service mode.

The ERunner can also be put in the service mode manually by simultaneously holding the sensor keys OPEN and CLOSE for 10 seconds (they must be released after 10 seconds) (s. Kap. 18).

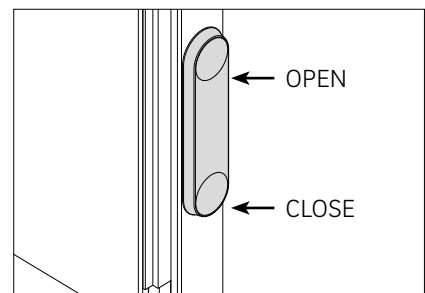
14.02 Service mode

In service mode, the ERunner works with reduced speed and can be driven by holding the OPEN and CLOSE sensors.

With this, the tambour door can be adjusted for any activities on the cabinet before the automatic setting of the end positions (s. Kap. 14.03)

14.03 Automatic setting of the end positions

In order to run the configuration, the ERunner must be in the service mode. During configuration, the ERunner works with reduced speed. Ensure that there is no object/obstacle in the tambour door line. The automatic configuration can be stopped any time by pressing any sensor.



1. Keep the OPEN and CLOSE sensors pressed simultaneously for 5 seconds and then release them. Two short acoustic signals sound after this and the automatic configuration of the ERunner starts.
During the automatic configuration, acoustic signals sound several times, which signal that the magnets of the reed contact are detected correctly.
2. If the tambour door is open partly or fully, the tambour door runs downwards until it is completely closed.
3. Then the tambour door drives upwards until it is completely open.
4. Subsequently, the tambour door drives downwards until it is completely closed.
5. Finally, the process of opening and closing is repeated with slightly increased speed.
6. The automatic setting of the end positions is successfully completed after about 90 seconds. A short acoustic signal then sounds three times. The ERunner is now in normal mode and works with maximum speed.



If a long acoustic signal is audible during this process, it indicates that the configuration could not be carried out correctly. A reason for this could be that there was an object/obstacle in the tambour door line of the ERunner tambour door cabinet. In this case, the obstacle must be removed and the process should be repeated starting with step 1.

In principle, the automatic setup process can be interrupted any time by pressing a sensor. In order to start an automatic setting again, the process must be started with step 1.

After the automatic setting of the end positions, the ERunner is in the normal mode.

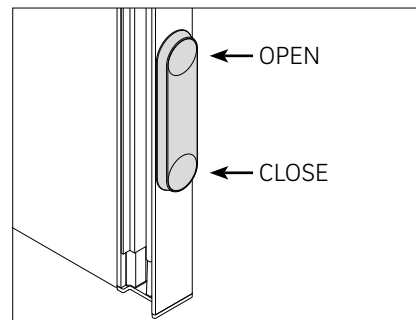
15 Operation

The ERunner is controlled using a control panel in the frame profile of the tambour door cabinet.

ERunner PURE small

- Top sensor opens the tambour door (OPEN)
- Lower sensor closes the tambour door (CLOSE)

ERunner can be stopped any time by pressing any sensor.



16 Obstacle detection

The ERunner has an obstacle detection function in the upward as well as downward direction.

In case of an obstacle, the ERunner stops for your safety, runs with reduced speed for approx. 100 mm in the opposite direction and stops.¹ The obstacle must be removed before the tambour door cabinet can be used again normally.

17 Power failure

In case of power failure, the tambour door remains at its respective current position.

After the power failure, the ERunner can be used as usual. A new automatic setting of the end positions is not required.

Caution

Damage to the ERunner by opening or closing the ERunner by hand!

The tambour door must never be opened solely by hand, not even during a power failure. The drive system will be damaged

- Wait until the end of the power failure
-

17.01 Emergency opening

The emergency opening can be done if there is a defect or longer power failure.

General Information:

- The cabinet must not be rebuilt completely.
- The accessibility of the ERunner must be ensured.
- The inspection base must be removable upwards

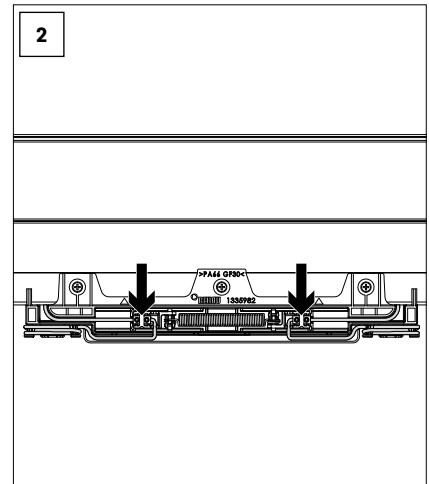
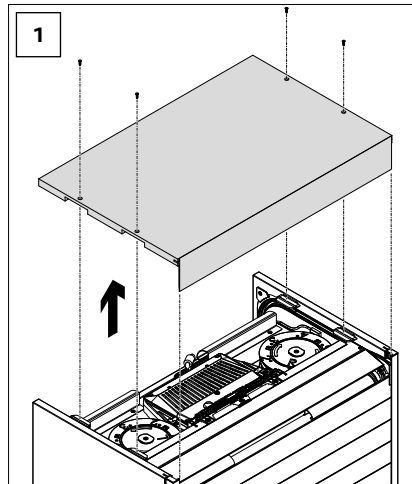
¹ This default value can be changed by the service technician

Warning!

Don't disconnect the power supply before carrying out the emergency opening of the ERunner tambour door cabinet (remove plug)

① Unfasten inspection base and remove pilaster strip

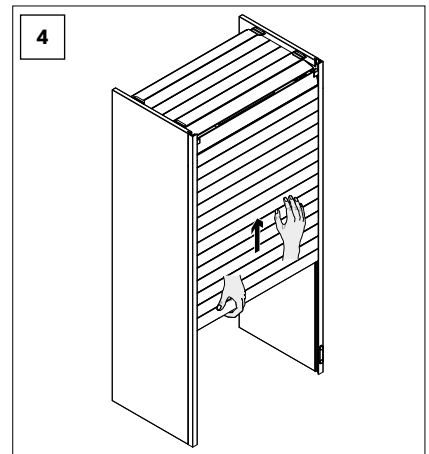
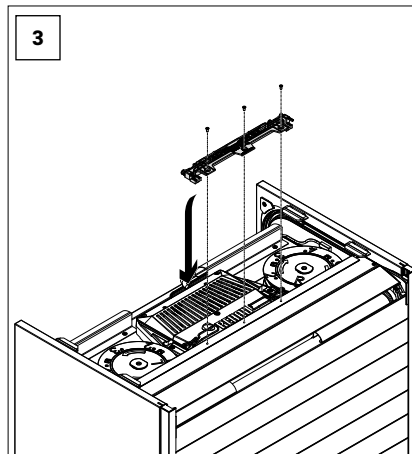
② Unwind the cord on the end lamella clip. Loosen threaded pins on the end lamella clip on the rear using a 1.5 mm hexagonal key up to the point where the cord can move (**do not loosen completely!**)



③ Unscrew connection screws of the end lamella clip on the aluminium profile using a cross-headed screwdriver and place the end lamella clip behind the drive unit

④ Move the tambour door up about 5 cm with the palm of your hand. Reach below tambour door and open as wide as desired.

Put it back into operation in reverse order (s. Kap. 11)



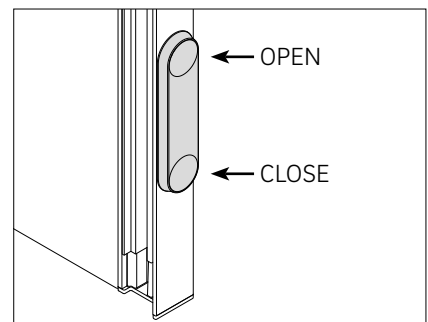
18 Resetting the ERunner (service mode)

The ERunner can be reset during a malfunction:

1. For this, keep the OPEN and CLOSE sensors pressed for 10 seconds.
2. Release the sensors after 10 seconds.
3. A short acoustic signal then sounds three times

This process resets the saved end positions and activates the service mode (s. Kap. 14.02).

A new automatic setting of the end positions is required after this (s. Kap. 14.03).



19 Malfunctions/repairs

In the event of a malfunction or defect, please contact REHAU.

- Do not make any changes to the ERunner.
- Never put a damaged ERunner into operation.

Malfunction	What needs to be done?
	Carry out the steps of the sequence in order to determine or limit the cause of the malfunction.
During teaching of end positions, the tambour door carpet remains in service mode	<ol style="list-style-type: none"> 1. Ensure that the drive cords run correctly over the deflecting plates and deflection pulleys provided. 2. Check the drive cord voltage in the end lamella clip. These must not be pretensioned such that the sliders run to block in the end lamella clip. 3. Check the drive cord flow in the end lamella clip. It must not be clamped between the clip and aluminium profile of the end lamella. 4. Contact REHAU if the malfunction continues to exist.
The tambour door opens and does not close completely in normal mode	<ol style="list-style-type: none"> 1. Reset to factory setting (s. Kap. 18) 2. Carry out automatic setting of the end positions (s. Kap. 14.03) Contact REHAU if the malfunction continues to exist.
The control panel is no longer functioning	<ol style="list-style-type: none"> 1. Ensure that the control panel is not contaminated. 2. Ensure that the control panel was not operated with wet or greasy hands. 3. Disconnect the ERunner from the power supply and connect it again after 10 minutes. Contact REHAU if the malfunction continues to exist.
The ERunner runs slower than usual / the control panel needs to be pressed continuously	<ol style="list-style-type: none"> 1. Disconnect the ERunner from the power supply and connect it again after 10 minutes. 2. If step 1 does not help: Reset to factory setting (s. Kap. 18) 3. Carry out automatic setting of the end positions (s. Kap. 14.03) Contact REHAU if the malfunction continues to exist.
The ERunner runs louder than usual or vibrates	Ensure that there is nothing on the ERunner tambour door cabinet/nothing has fallen behind the ERunner tambour door cabinet or that there is no object in the ERunner tambour door cabinet because of which the changed noises are triggered. Contact REHAU if the malfunction continues to exist.
The ERunner is no longer working	<ol style="list-style-type: none"> 1. Ensure that there is no power failure 2. Disconnect the ERunner from the power supply and connect it again after 10 minutes. Contact REHAU if the malfunction continues to exist.
	If you need to access the cabinet contents urgently: <ul style="list-style-type: none"> • Open the cabinet using emergency opening (s. Kap. 17.01)

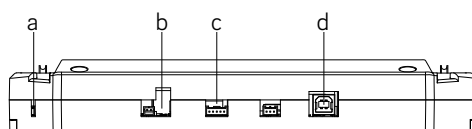
20 Technical data

Power supply unit/AC adapter

Model	GQ 150-2400500-E1
Input voltage	100–240 V/ 50/60 Hz
Output voltage	24 VDC
Output current	max. 5 A
Dimensions (L x W x H)	165 x 70 x 40 mm

ERunner drive system

Model	ERRWL-LS241
Dimension (W x D x H)	254 x 223 x 39.5 mm
Input voltage	24 VDC
Power consumption	Max. 60 W
Radio module	Bluetooth LE 5.0 (deactivated in normal mode, is only activated for service)
Speed min/max	0.04–0.25 m/s
Speed in service mode	0.05 m/s opening
Speed in normal mode	0.15 m/s opening 0.10 m/s closing
A-weighted emission sound pressure	$L_pA \leq 70 \text{ dB(A)}$
Connections	a Reed contact , b REHAU AC adapter, c ERunner control panel, d USB type B for firmware update



Ambient conditions

Operating temperature	+15 to +35° C
Storage temperature	-20 °C to +70 °C
Relative humidity (operation)	25% to 75%
Relative humidity (storage)	5% to 95%
Protection rating	IP X0 (no protection from water)

May only be used in dry, closed rooms.

21 Disposal



Dispose of the entire packaging material with correct sorting according to the local provisions.

The ERunner may only be disassembled by correspondingly trained and qualified personnel.
Please dispose of the used batteries in an orderly manner. For this, observe the disposal instructions of the battery manufacturer on the packaging.



The ERunner drive system, the REHAU AC adapter, the control panel and the REHAU AC adapter cable are electronic devices and must be disposed separately from domestic waste according to the WEEE directive 2012/19/EU. The products are marked with the symbol shown. REHAU Industries SE & Co. KG is registered in the Electrical Used Equipment Register (stiftung elektro-altgeräte register (EAR)).

22 EU Declaration of Conformity

REHAU Industries SE & Co. KG hereby declares that the radio equipment type ERunner model ERRWLS-LS241 meets the requirements of 2014/53/EU. The complete text of the EU Declaration of Conformity is available under: www.rehau.com/ti.

This document is protected by copyright. All rights based on this are reserved. No part of this publication may be translated, reproduced or transmitted in any form or by any similar means, electronic or mechanical, photocopying, recording or otherwise, or stored in a data retrieval system.

Our verbal and written advice with regard to usage is based on years of experience and standardised assumptions and is provided to the best of our knowledge. The intended use of REHAU products is described comprehensively in the technical product information. The latest version can be viewed at www.rehau.com/TI. We have no control over the application,

use or processing of the products. Responsibility for these activities therefore remains entirely with the respective user/processor. Where claims for liability nonetheless arise, they shall be governed exclusively according to our terms and conditions, available at www.rehau.com/conditions, insofar as nothing else has been agreed upon with REHAU in writing. This shall also apply for all warranty claims, with the warranty applying to the consistent quality of our products in accordance with our specifications. Subject to technical changes.

www.rehau.com/locations

© REHAU Industries SE & Co. KG
Rheniumhaus
95111 Rehau

B55600 EN 05.2022