

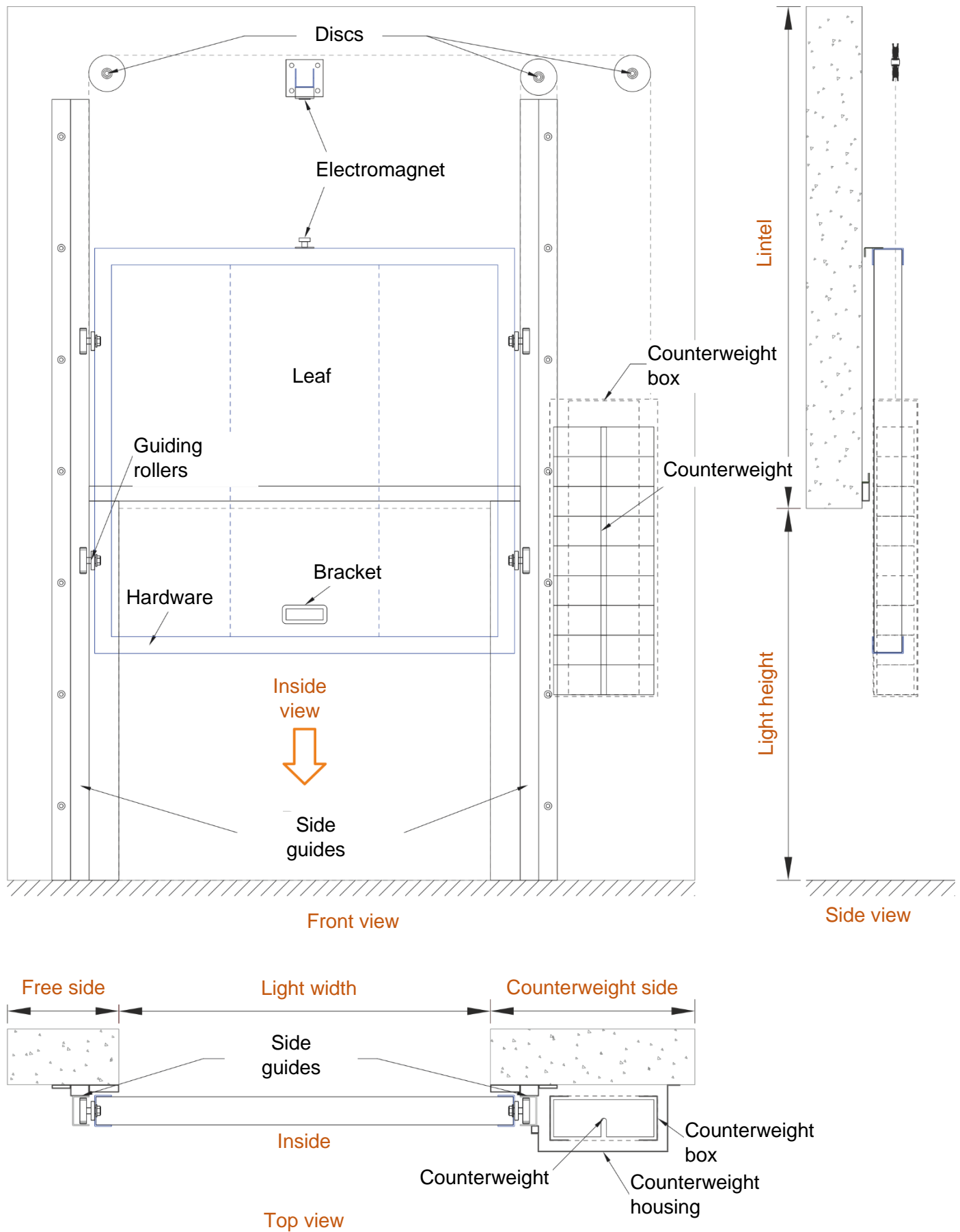
INSTALLATION MANUAL

1-LEAF GUILLotine GATE

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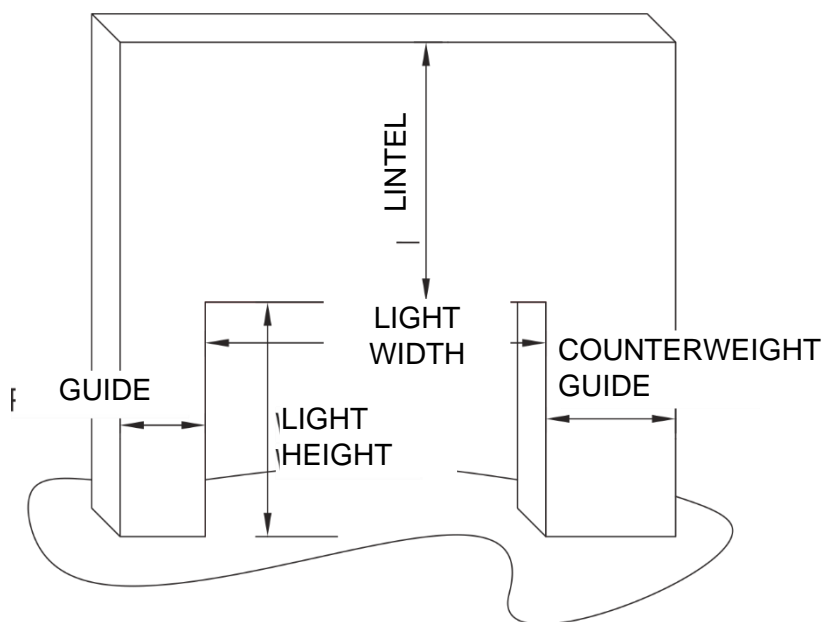
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Gate's construction



Verification of the opening dimensions

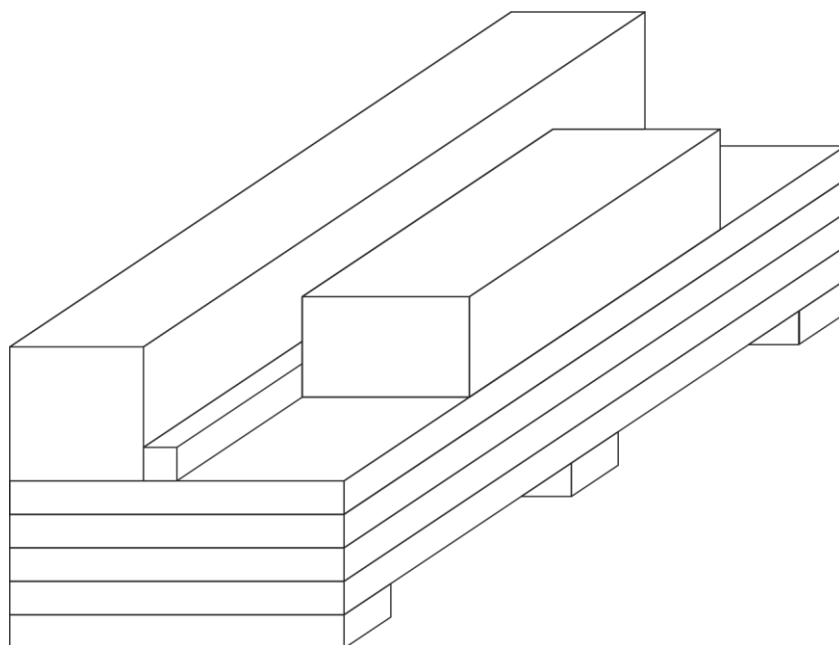
Before starting the installation, it is necessary to verify that the dimensions of the opening match the dimensions of the ordered gate as well as check the lintel and wall dimensions.



Delivery method

Guillotine gates are delivered on pallets in a ready-to-assemble form. Gates can also be delivered completely assembled and ready for installation. Small parts and accessories are supplied in a metal box.

Special care must be taken during unloading and installation in order not to damage the goods.

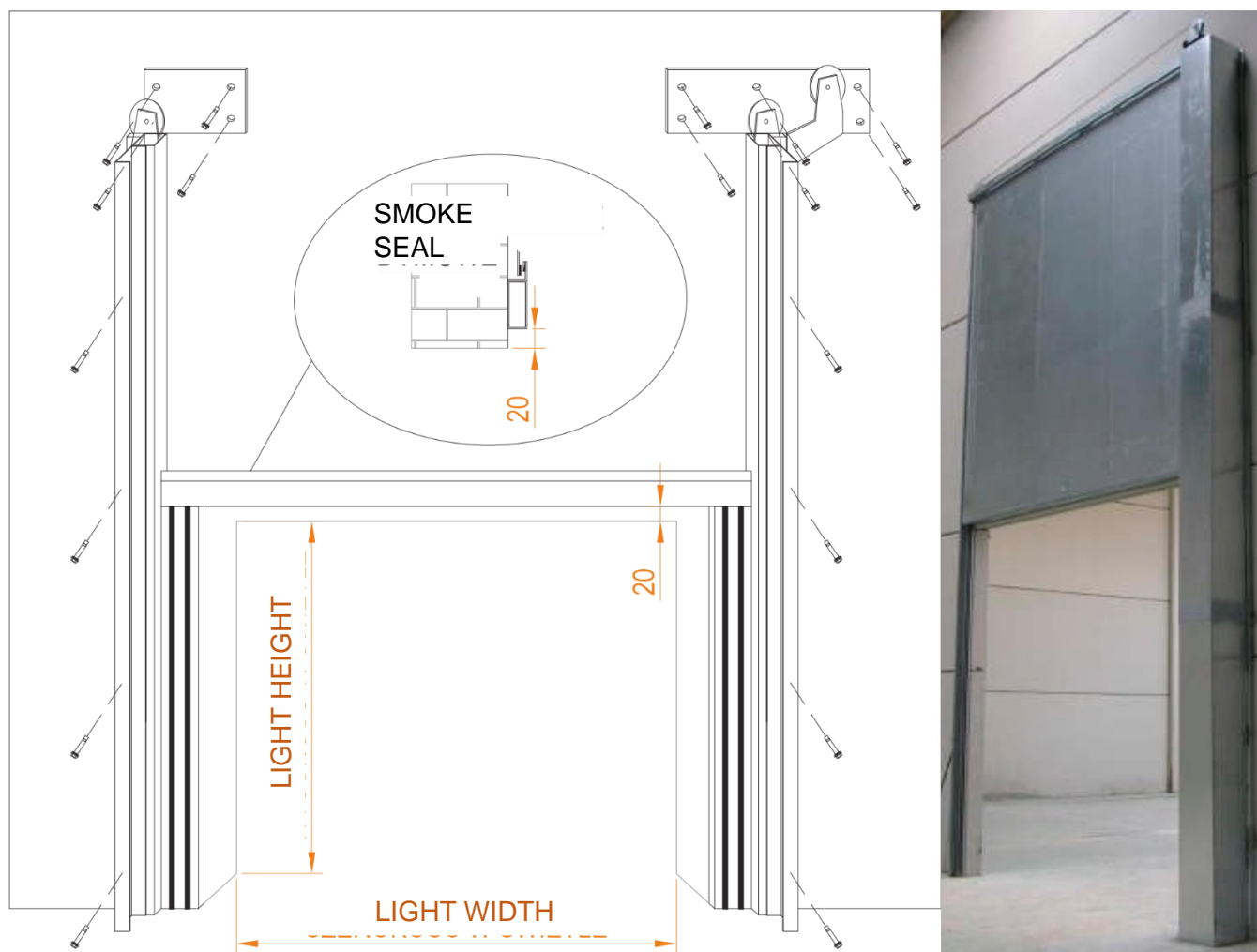
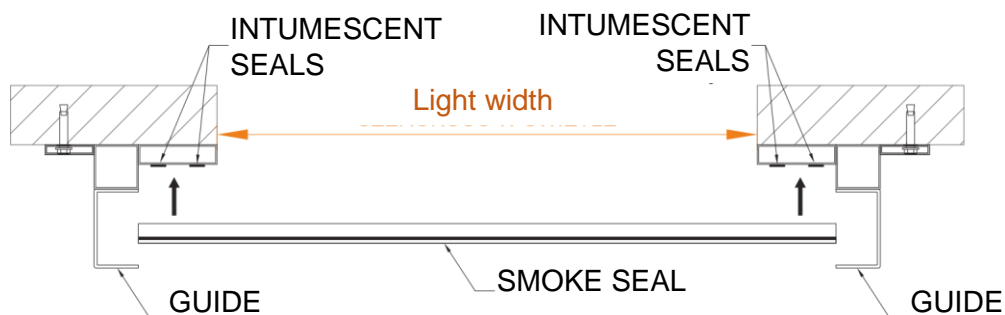


Installation of guides

Depending on the length, the guides can be delivered as a whole or divided into 2 sections. The discs are supplied already attached to the top of the rail and cannot be modified during installation.

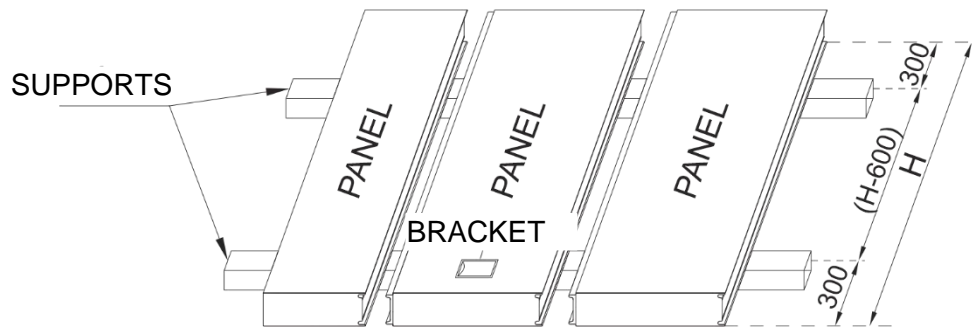
The guides are prepared for installation along the vertical edges of the opening. Place it against the mounting wall and if everything is correct drill the holes for the screw mounts and screw them in.

The top smoke seal will act as a gauge for attaching the second guide. The smoke seal should be installed later above the vertical sealing profiles (with intumescent seals).

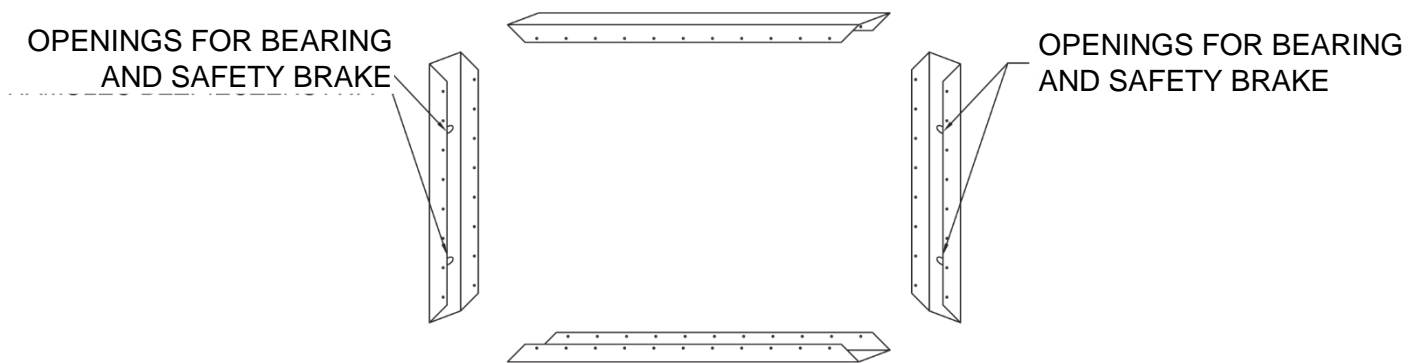


Installation of the leaf

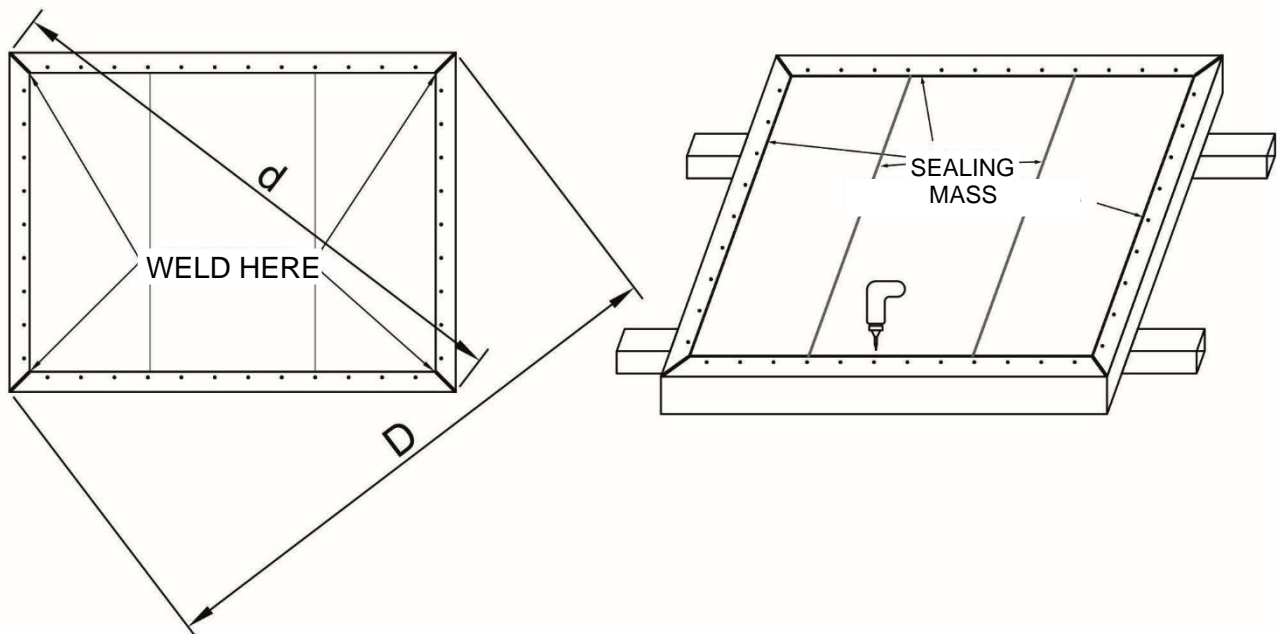
The panels should be installed on an even surface and using two wooden supports.



The shell bracket panel should be mounted in the center of the gate. After the panels are laid, attach the hardware.

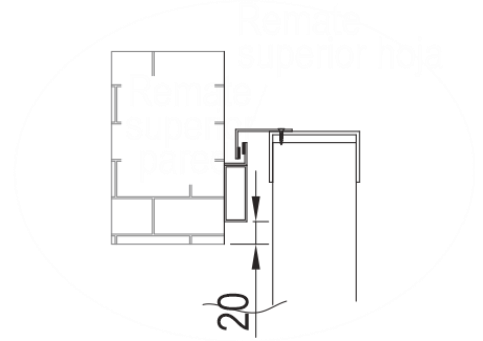
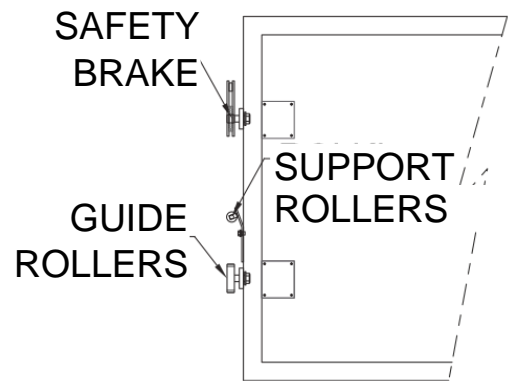
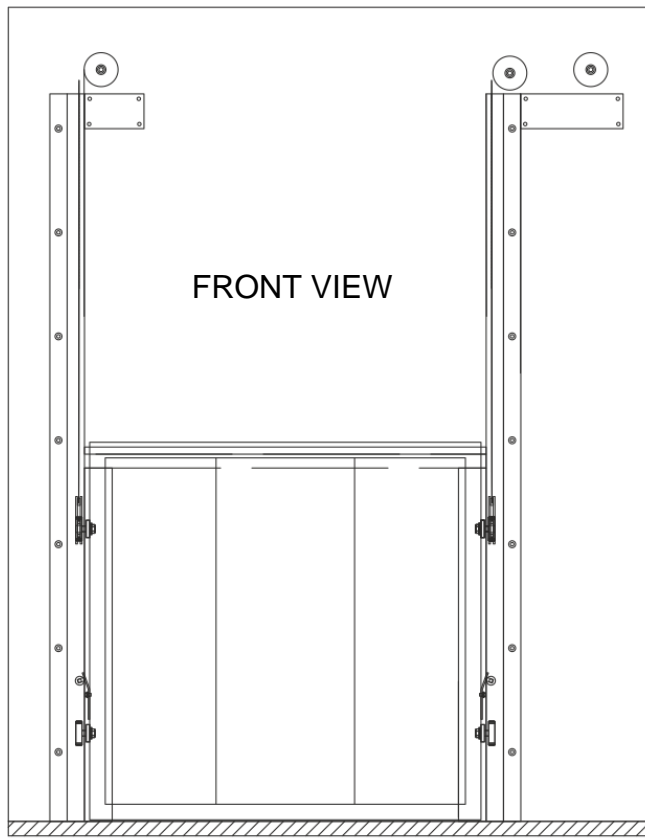


After checking all parts of the hardware and putting them on the panel, check if the diagonals $D=d$. All corners must fit well to avoid sliding of the hardware and panels. Then attach the corners and check that the profiles remain straight. Finally, apply sealing mass and connect the whole with screws (as in the figure below). This point should be done for both sides of the leaf



Leaf and sealing installation

When the gate is assembled, place it upright and centered between the tracks. The leaf smoke seal can be removed during installation and screwed back on later. At this point, attach the emergency brake and the leaf rollers. A place is provided on the hardware to install these items.



Wing counterweight

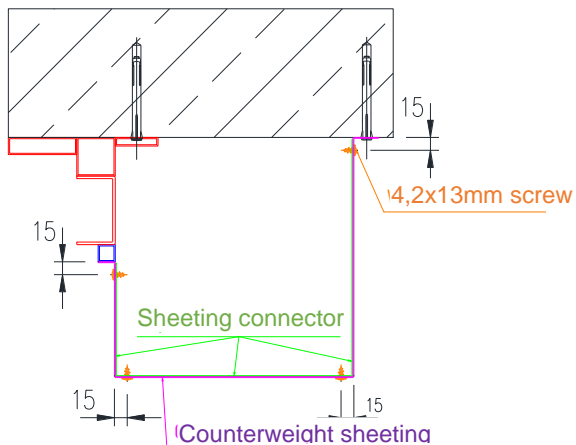
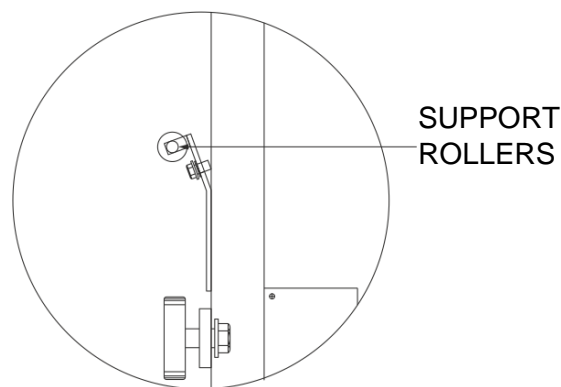
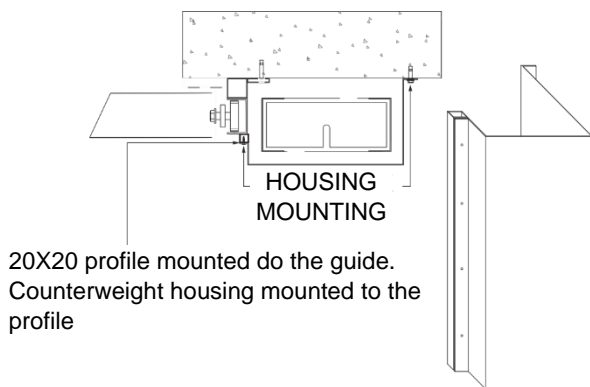
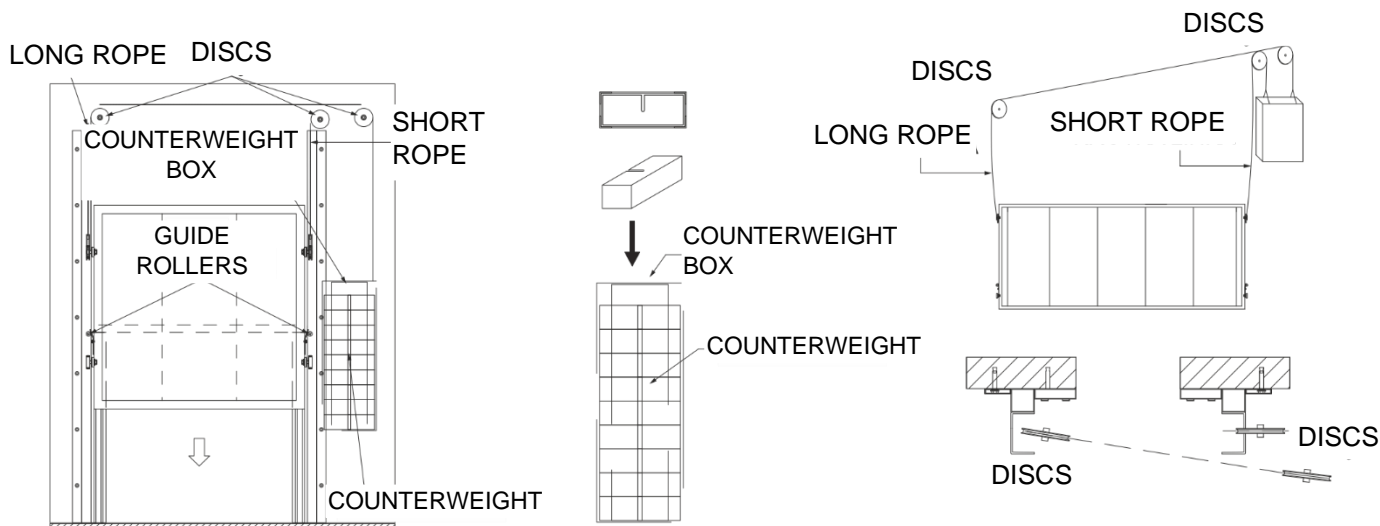
To balance the leaf well, keep it upright. The counterweight ropes have two lengths. The shorter rope is attached on the counterweight side, the longer one on the opposite side.

Place the weight blocks in the counterweight box and then feed the steel rope into the box. For safety, each should be secured by double clamps.

After connecting the cables, check the operation of the gate.

The door leaf is equipped with an auxiliary roller that allows centering the leaf in relation to the guides when the door is raised above the floor.

When testing the opening and closing of the gate, adjust the appropriate counterweight load.



Use a screwdriver to adjust the auxiliary rollers, this will prevent the leaf from moving horizontally when the door is raised and lowered

Installation of other components

When the gate is fully open, mount the electromagnet at the top of the gate and in the middle of the leaf, and its bracket on the wall.

If you did not install the shell brackets when the leaf was assembled, do it now by installing them in the holes prepared for this purpose.

The closing speed regulator is attached to the leaf with a bracket. The rope and its brackets attach to the guide, on the side opposite the counterweight. The controller has the ability to adjust the braking speed with the built-in screw.

