FOLDING HANGAR DOOR

LETOON FOLDING HANGAR DOOR

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FOLDING HANGAR DOOR

LETOON Folding Hangar Door
Frame Components

Components of the frame of Side Folding Hangar Doors should be made of galvanized and coated steel profiles. They should have a modular structure and the damaged panels and components should be able to be changed. Leaves frames should be attached to each other with hinges. They should be able to be opened by sliding to sides and kept folded in the station area as a whole. Door leaves should be designed to resist against the wind pressure of regional, be projected through the manufacturer and submitted to the approval of the administration with the static computations. Production of doors should start subsequent to the approval of the administration.

Insulation between Building Columns and Door Leaves and between the Leaves,

It should be made with standing seam system and EPDM seals fitted on aluminum profiles providing air tightness.

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Top Rail and Wheel System

Top Rail Mechanism of Side Folding Hangar Door should be manufactured from galvanized steel profiles. The leaves connected with hinges to each other should have the features of sliding to sides and be folded in the station area as a whole. The rail system should have carrying and directing canals and be able to prevent the leaves going off the rails due to the pressure occurring from the effects of impacts or other kinds of pressure. The wheel system should be modular and be able to be changed easily.

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The Lower Rail and Wheel System

The lower rail system of the Side Folding Hangar Door should be manufactured from galvanized steel profiles. There should be a canal system for sliding and folding the door leaves. The canals should not protrude at the bottom and should not cause the shaking of vehicles passing on them. There should be water drain channels in the canal and they should be able to be cleaned. The wheel system moving in the canals should be modular and be able to be changed easily.

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LETOON Folding Hangar Door Panels

Polyurethane Panel,

They should be made of 2 pieces of 40mm-thick galvanized steel sheets filled with high density polyurethane foam. They should have a modular structure and be easy to replace and be changed. Panel fillers should be in accordance with the ecological standards and not contain CFC. There should be hidden isolation seals at the joints of the panels and provide air tightness.

CTP Panel,

Folding Hangar Door Coating Panels, CTP panels used in the 40mm thickness. It has a modular structure and can be applied easily replaceable feature. Weight 40 mm thick panels in a maximum of 8 kg / m² Standard colors can be produced in all RAL and Pantone color, Light Transmission EN 410 - 65% in the blue panel - the panel 74% Green - 78% in Transparent panels, 300 mm above the UV Transmission 0% Wind resistance EN 12424 - 120 kg / m² Flammability EN 13501-1 - Class E, EN ISO 8990 Thermal Conductivity - 2.02 W / m²K

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Personnel Door

There should be a Personnel Door in appropriate sizes according to the project on the Folding Hangar Door.

Automatic Door Closer

Panicbar, Auter Door Hadle

Panicbar, Auter Door Handle, Lock

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Window

There should be illumination windows in appropriate sizes according to the project on the Folding Hangar Door. The windows should be produced with acrylic insulated glass providing thermal insulation.

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Motor System

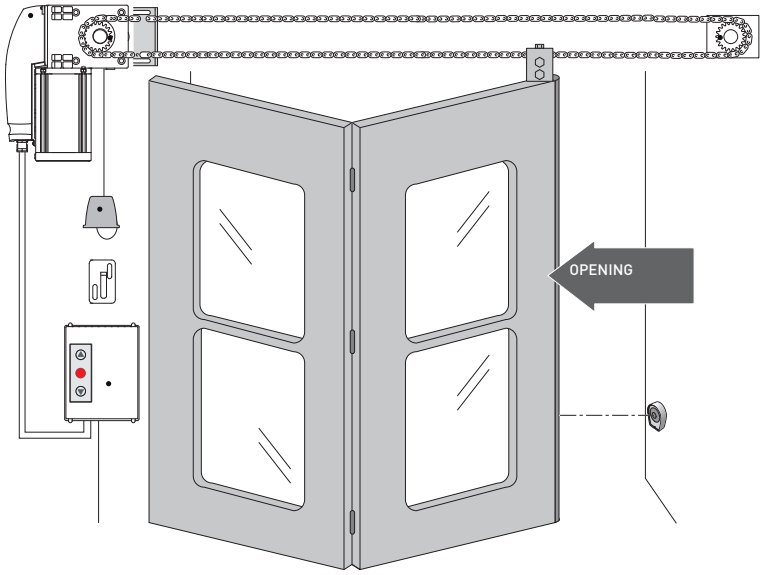
Motor System which will move the leaves of the doors to be manufactured as folding doors and which will stop them at the last point when they are opened.

The System should be able be protected by taking into consideration the limits and working times. The door should have the ability to open completely with a pulse.

The Motor system and accordingly the transmitter system should work with a voltage of 220-400VAC. Door opening and closing speed should be 12m/Min.-15m/ Min.

There should be a system for Manual Control on the motor for manual opening and the door should be able be to be opened manually whenever necessary or in power cuts thanks to this system.

There should be a set of Safety Photocell which should stop closure of the doors when there is an object between the leaves of the door.



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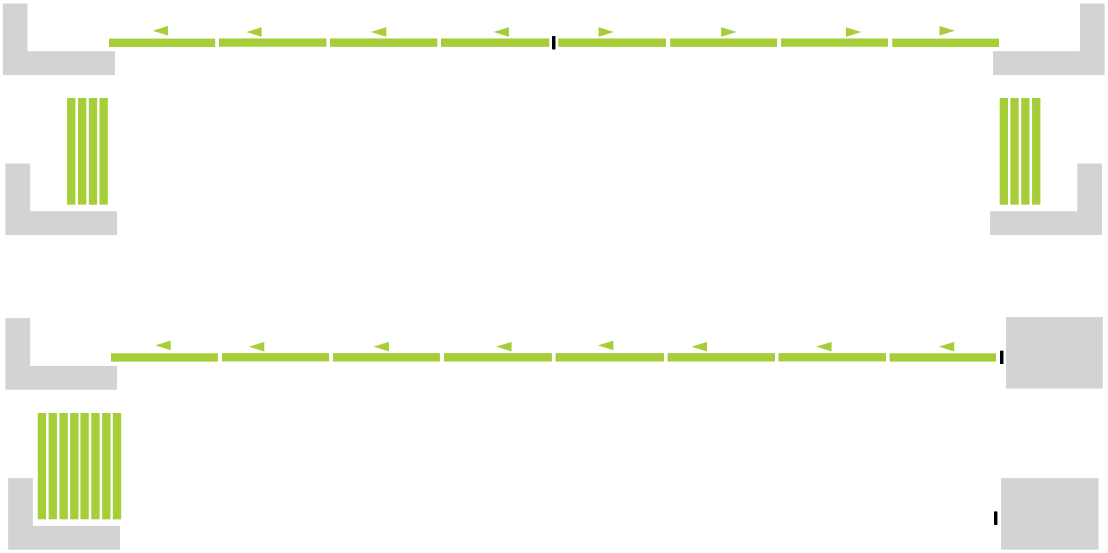

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