

Des-
cending
windows

The vertical highlight

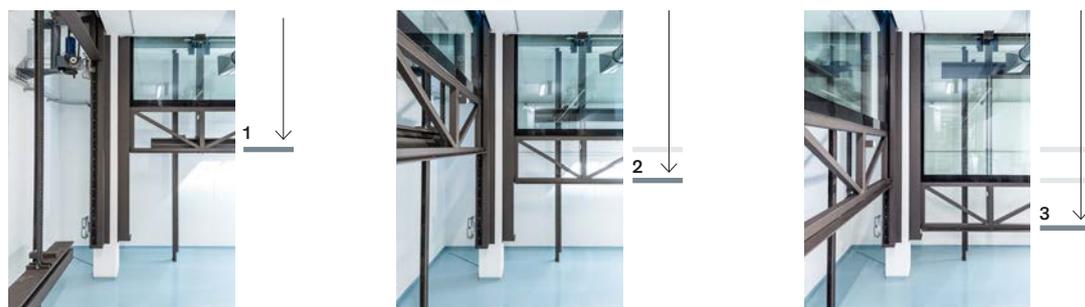
air-lux is expanding its product range to include a new range of descending windows with an impressive new opening function. They can be opened across their entire width, with the whole descending window “sinking” into the floor.

Looking good

Easy operation, maximum safety

The descending windows are operated by dead man switch, i.e. by constantly pressing a pushbutton.

Fully automatic control is also available on request, with safety guaranteed by radar or infrared sensors.



Dimensions

Big is good – bigger is better!

There are almost no limits when it comes to the size of descending windows. The size of a descending window is limited only by the maximum possible size of the glazing, as follows:

- **Standard glass:** 3 × 6 m
- **Special glass:** 3.5 × 20 m

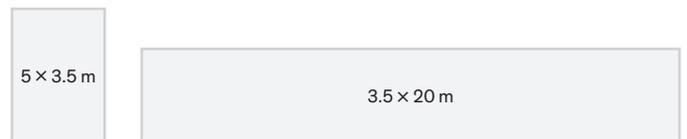
The larger a descending window can be made, the more impressive the effect when it is open.

Glass of various thicknesses can be used, and bullet-proof safety glass is also an option.

Standard glass

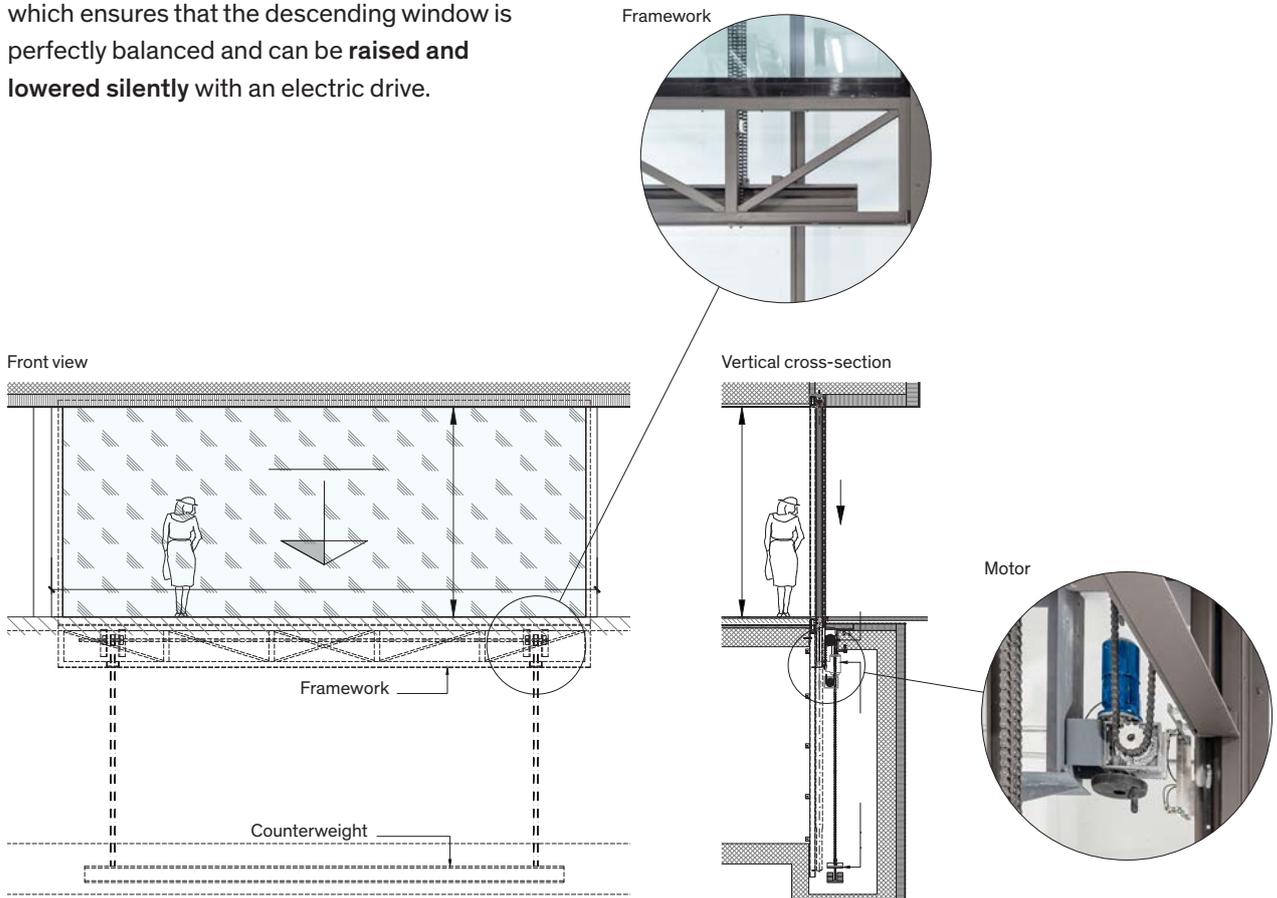


Special glass



Perfectly balanced

The descending window stands on a stable **framework** connected to a counterweight which ensures that the descending window is perfectly balanced and can be **raised and lowered** silently with an electric drive.



A look behind the scenes

Equipment space

Given that the descending window disappears completely into the floor, sufficient space is required underneath the window.

- Space for the technical equipment (control system, motor, drive shaft, counterweight).
- Access required for servicing
- air-lux dimensions the equipment space



Completely concealed

No threshold visible when the window is open. Whether you have parquet flooring, flagstones, or stone, the existing floor texture can be incorporated.



100% leak-proof

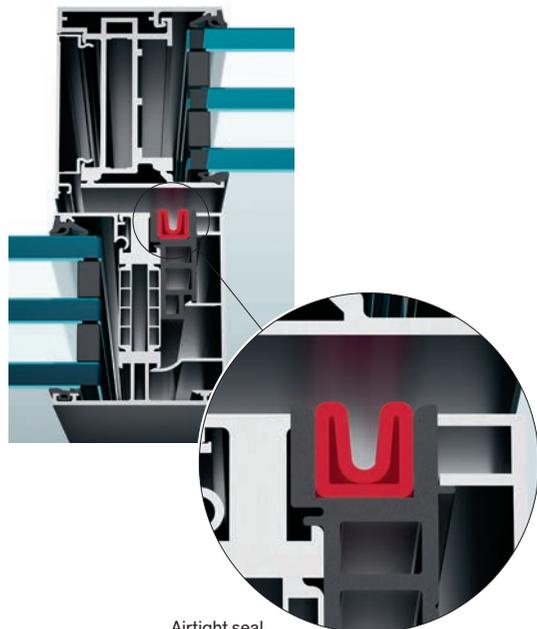
The unique air-lux sealing concept with all-round inflatable ring seals guarantees 100% sealing against driving rain, wind, and noise.

Closing the window

- Press the button to inflate the seal with air
- The gap between the slider and the fixed frame is completely sealed

Opening the window

- Press the button to release the air
- The seal returns to its original rolled-up position



Airtight seal



Descending windows open in different positions



Ten-year warranty

air-lux descending windows are made in Switzerland from high-quality aluminium profiles and materials. The workmanship of our robust and yet filigree frames meets the highest quality standards, which is why air-lux guarantees flawless operation and provides a ten-year warranty on the seal, frame, and fittings. What is more, our service team provides 24-hour support for air-lux customers.



Swiss
made



Our descending windows are CE-compliant and meet the following safety regulations and EU directives/standards:

- EC Machinery Directive 2006/42/EC
- EMC Directive 2014/30/EU
- DIN EN ISO 12100:2010
Safety of machinery
- DIN EN ISO 13849- 1+2:2015
Safety of machinery
- DIN EN ISO 14118:2018 2018-07
Safety of machinery
- DIN EN ISO 14120:2015
Safety of machinery
- DIN EN 60204- 1:2019-06
Electrical equipment of machines
- DIN EN 12453: 2017-11
Safety in use of power operated doors
- DIN EN 12978:2009-10
Safety devices for power operated doors and gates
- DIN EN 14351-1: 2006
Windows and doors - Product standard