



Installation of the Vinorage wine cellar

A wine cellar from Vinorage must be installed on a flat floor surface at either ground or basement level, so the wine cellar can utilize the temperature from the ground. The placement of the wine cellar in-ground means that a constant optimal temperature can be maintained. This technique is referred to as passive cooling.

A Vinorage wine cellar can be installed in a new building during the construction or adapted into an existing floor. The wine cellar is particularly popular as a creative and elegant addition to the kitchen, family room, living room, conservatory, or leisure room for the gentlemen.

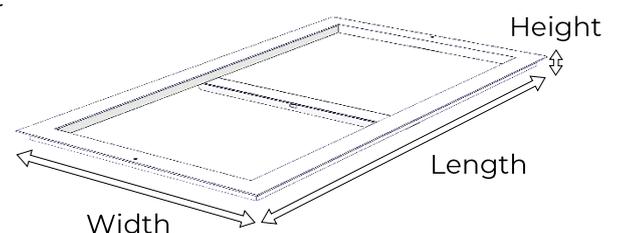
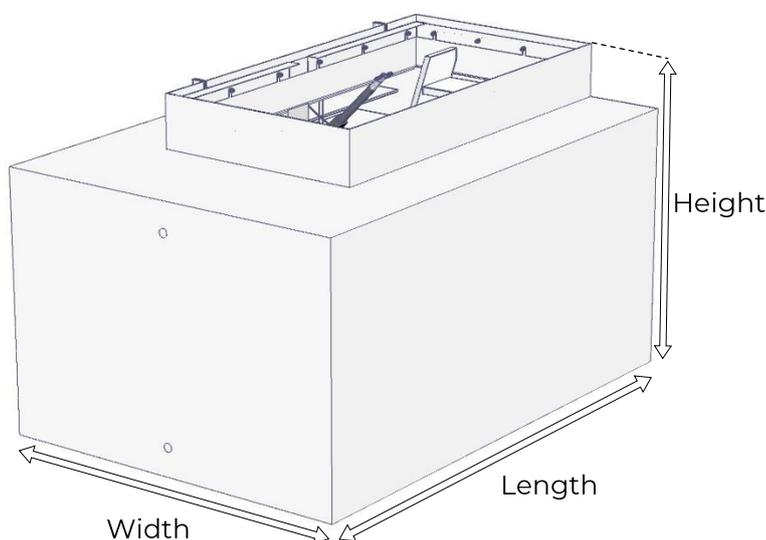
Regardless of your wishes and challenges, you are guaranteed a wine cellar that will become the centerpiece of any room in any type of home.

Wine cellar dimensions

The following table contains the dimensions of all wine cellars available at wine-store.co.uk. These dimensions do **not** include external structural elements - the metal bars on the bottom and sides of the cellar (2,5 – 5 cm), and the pipes for connecting ventilation hoses and power cables (varying lengths).

The dimensions also serve as a minimum requirement for excavation dimensions, but keep in mind that that a foundation is laid underneath and around the sides of the wine cellar. Further, an approx. 5 mm (2-8 mm) margin between the cellar and the floor is necessary (see steps 2 and 6).

	Cellar size (mm)			Door size (mm)			Weight (kg)
	Length	Width	Height	Length	Width	Height	
Wine cellar for 140 bottles	1000	1000	825	1000	640	27	100
Wine cellar for 212 bottles	1500	1000	850	1500	640	27	140
Wine cellar for 450 bottles	2000	1400	1200	1500	800	27	450
Wine cellar for 600 bottles	2000	1400	1500	1500	800	27	550
Wine cellar for 700-1000 bottles	2500	1500	2350	1500	800	27	1200
Elevation wine cellar for 200 bottles	1504	914	1172	1504	914	27	250

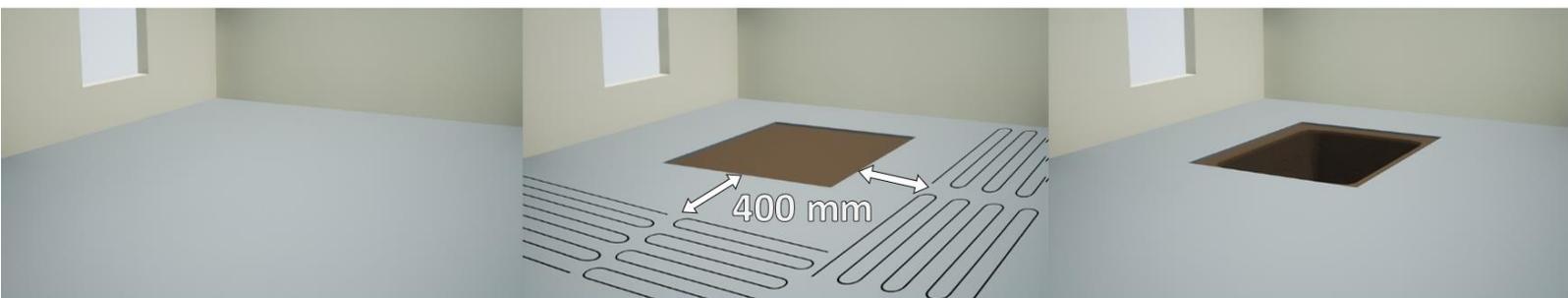


Instructions

(please read through before starting the work)

The pictures in this manual feature the Wine cellar for 450 bottles, however, the installation process is almost identical regardless of the cellar you choose.

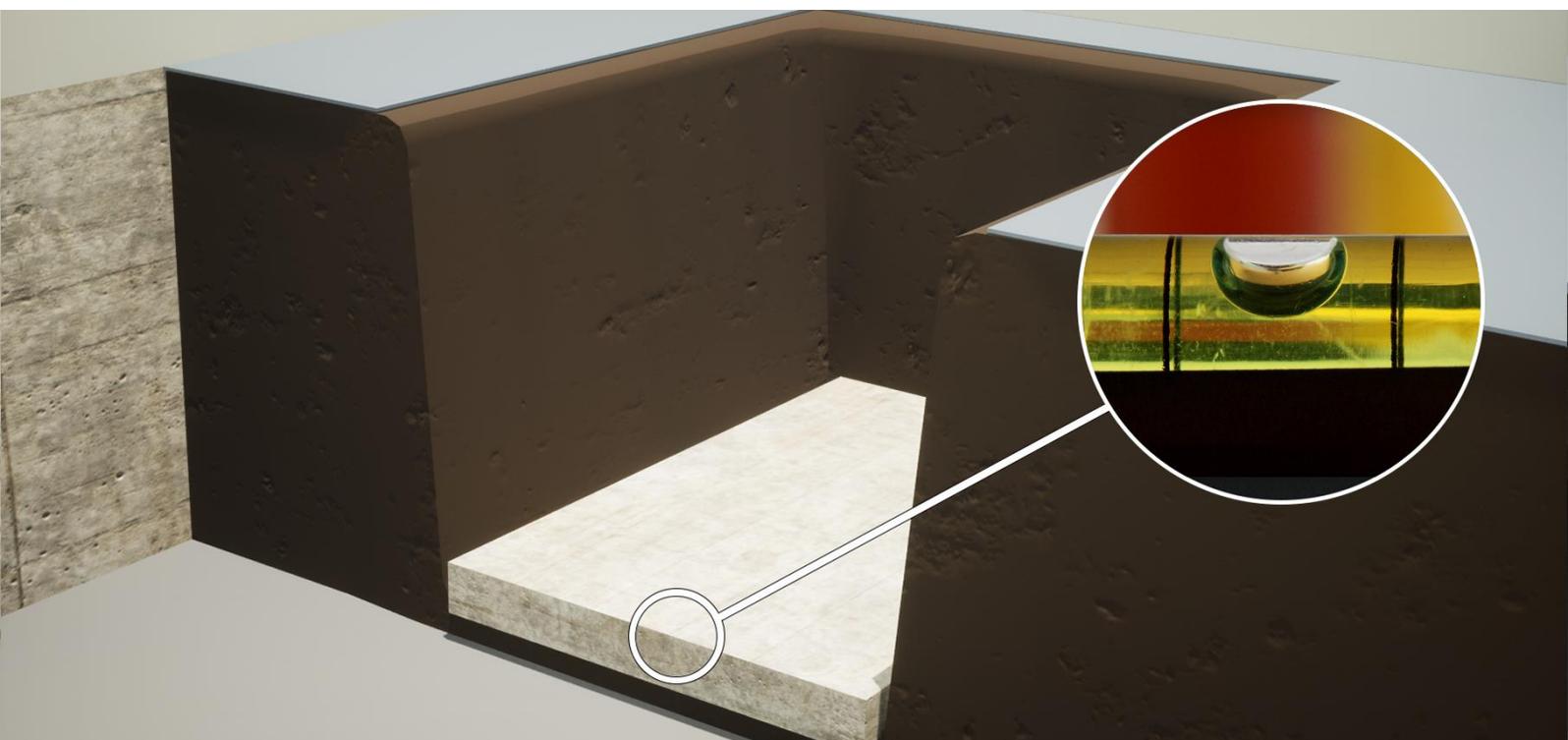
1. Choose a location and excavate the necessary space



Make sure that any underfloor heating pipes have a distance of at least 400 mm from the wine cellar as it is important for its function. It is also recommended to avoid placing the wine cellar in direct sun.

When you have found the location for your new Vinorage, you must excavate the necessary space in the dimensions of the wine cellar.

A concrete foundation is laid (poured concrete or concrete tiles) to support the wine cellar and ensure it stays in place. It is important to have the ground on which the wine cellar stands levelled, so the wine cellar stands straight when inserted.



2. Insertion of the wine cellar

The wine cellar must be inserted such that **without** the glass door attached it is approx. 5 mm (2-8 mm) below the finished floor. The finished floor is defined as the moulded floor and other coatings, such as hardwood flooring (*more details in step 6*).



3. Connecting the ventilation

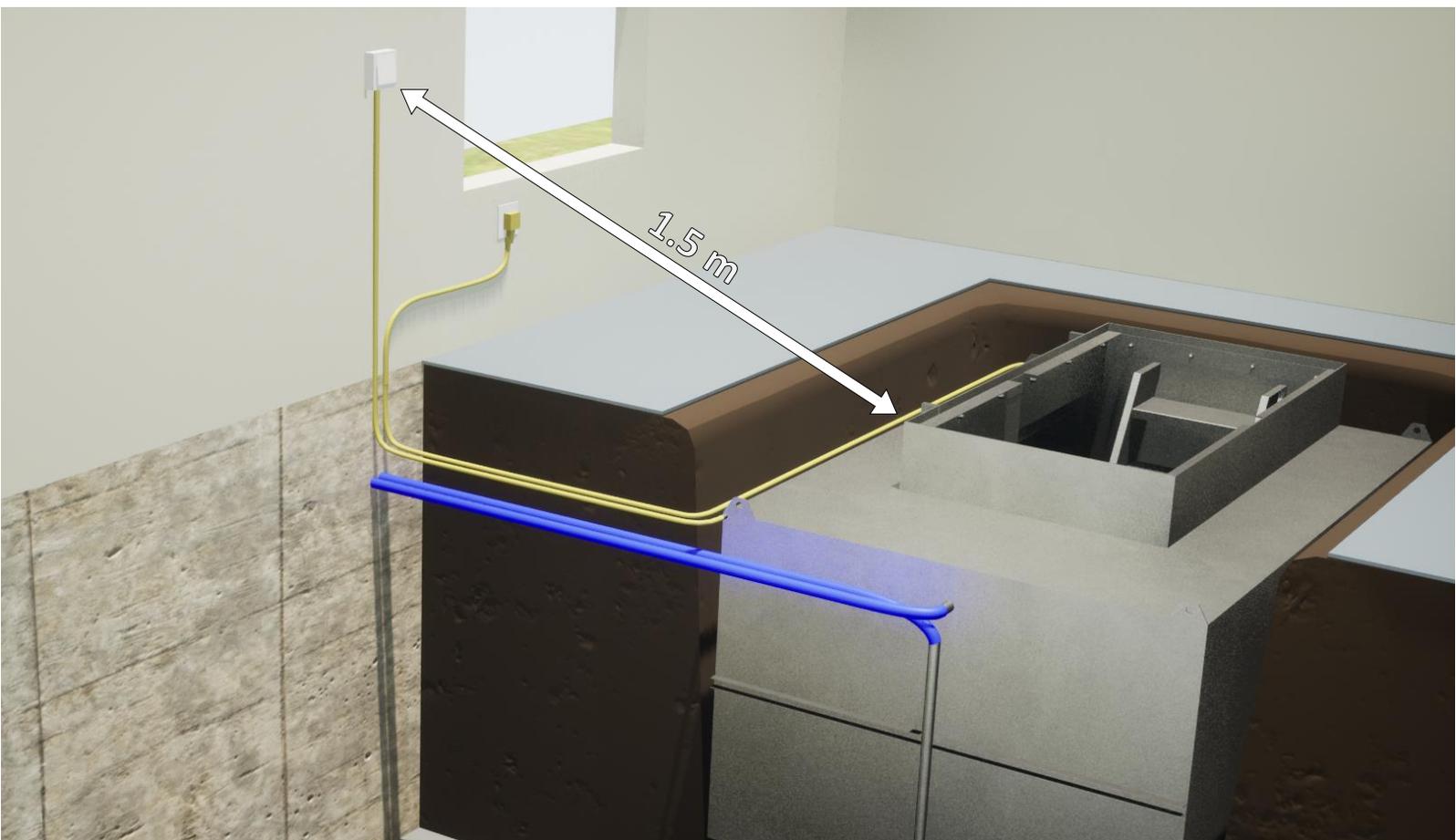
All wine cellars from Vinorage come with ventilation hoses. These must be installed to achieve the best effect of the wine cellar.



The ventilation hoses are connected to the dedicated openings in the wine cellar and led all the way out to an exterior wall. Here they are attached and hidden behind the ventilation grill that comes with the wine cellar. The purpose of the ventilation hoses is to ensure that the air in the wine cellar is constantly replaced. The wine cellar uses passive cooling and ventilation without the use of energy. Thus, it is neither a burden on the environment nor the electricity bill.

4. Connecting the power cable

An electric cable, that delivers power for the Vinorage cellar, is also included. Electricity is used to open and close the door as well as control the included LED lights. In the elevation model, electricity is used to extend the wine cellar from the ground.

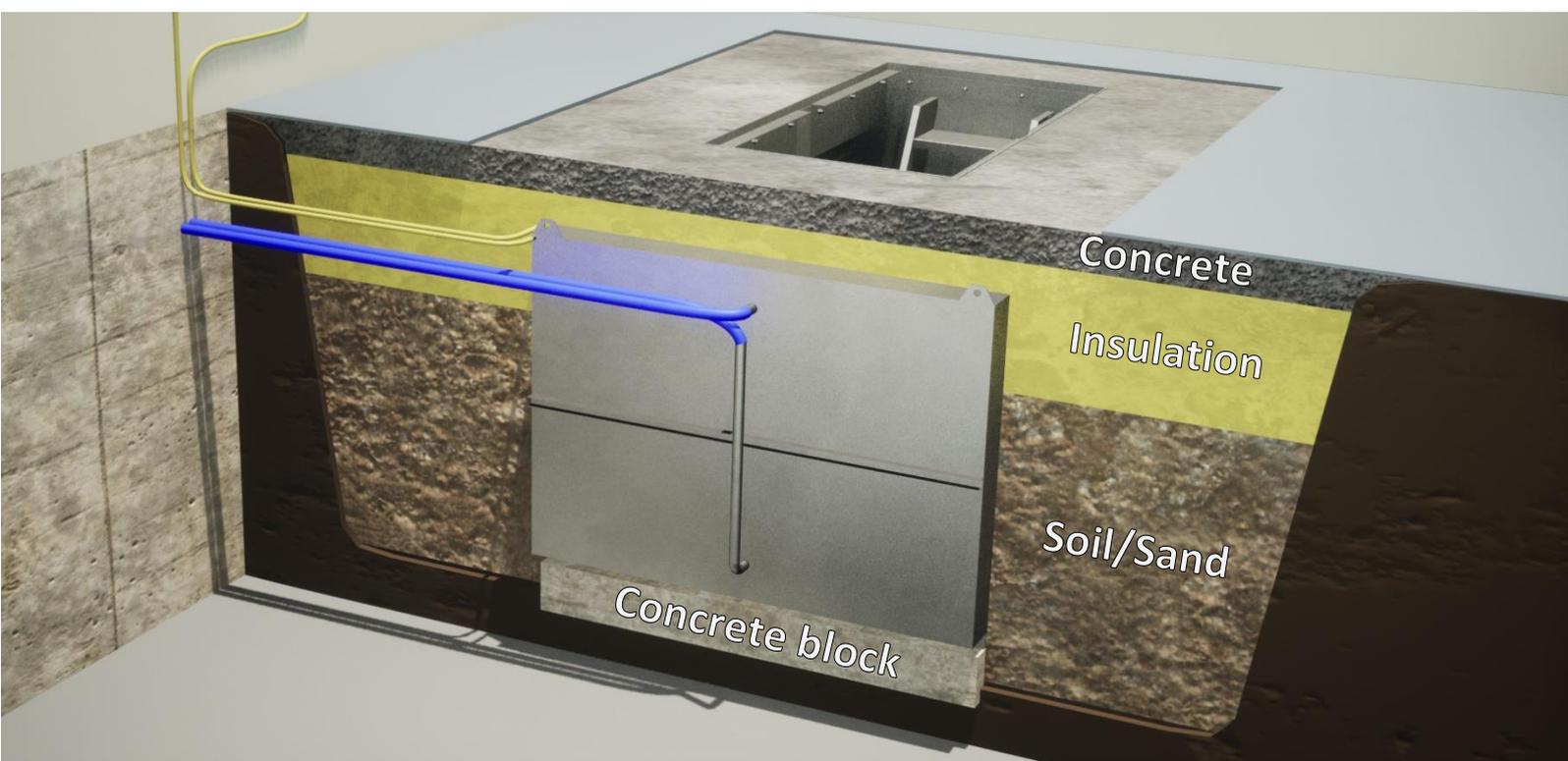


The power cable must be connected to the nearest 220V-240V power source and the connection unit. The cable for the LED light and for opening and closing of the wine cellar is led to the wall and connected to a switch (FUGA low current) from which the cellar is to be operated. This switch must be located at least 1.5 metres from the door of the wine cellar.

5. Casting of the foundation

All the necessary elements in the wine cellar are now connected, and the cellar is therefore ready for the casting around the cellar walls.

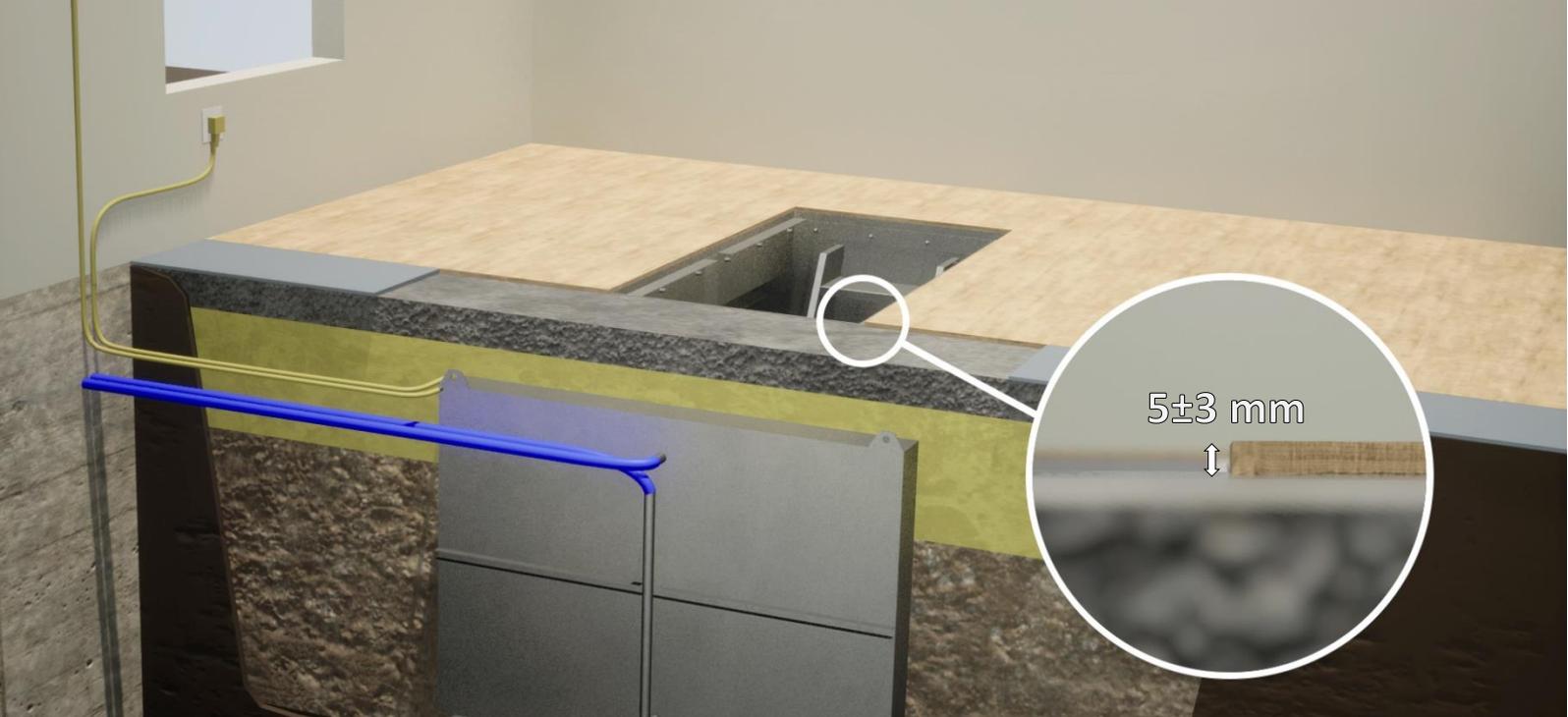
The casting ensures that the wine cellar remains in a correct position. A typical installation of Vinorage wine cellars involves embedding the cellar in a layer of soil or sand. When the wine cellar is placed at the desired distance to the floor, insulation material can be installed. Subsequently, there is a concrete layer in which underfloor heating pipes may be installed (at least 400 mm from the wine cellar).



6. Flooring around the wine cellar

The wine cellar is now integrated into the ground and all necessary installations are connected. A margin has been previously left (in step 2) for the height of the floor, with the cellar being approximately 5 mm (2-8 mm) below the ground. This ensures that the floor can be installed at the same level as your new Vinorage wine cellar. When the desired flooring has been laid, the glass door to the wine cellar can be installed.

NOTE: The floor can only be laid when the concrete is dry.

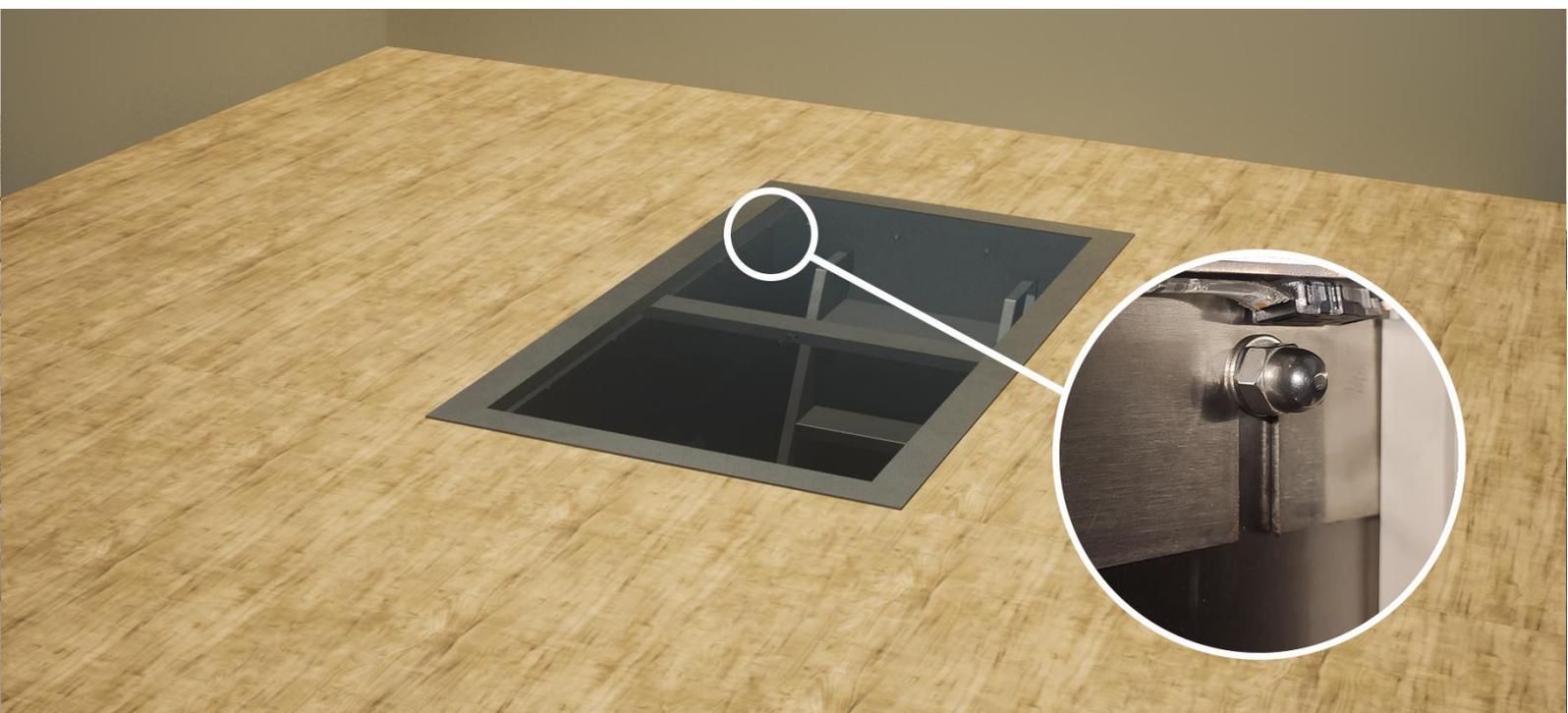


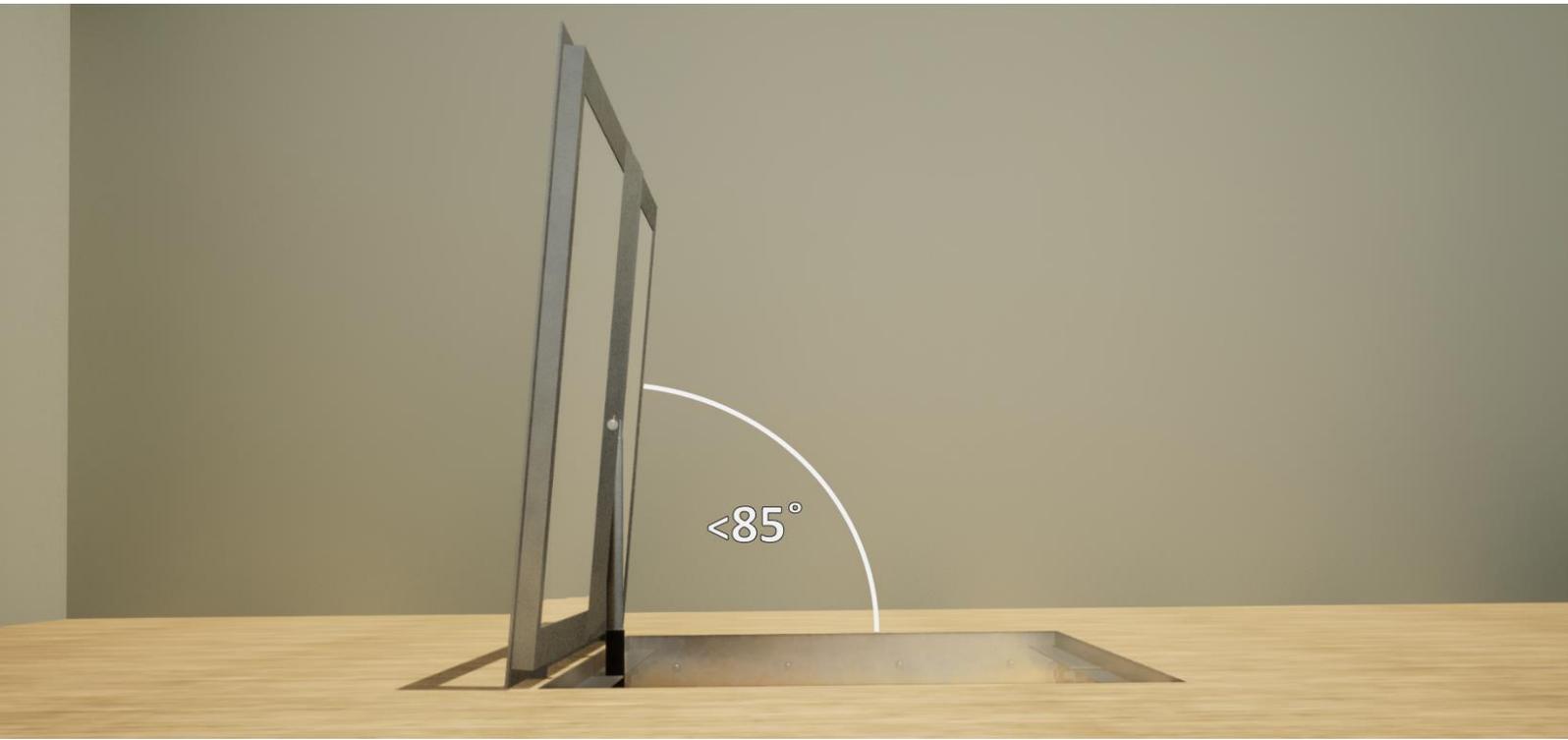
7. Installation of glass door

The door consists of a stainless steel frame, which contains a floor glass that can support two adults. The glass is already mounted into the steel frame, which makes the installation quite simple.

The height of the glass door can be adjusted via long cut-out holes in the steel frame that the door rests on. This way, the glass door can be adjusted to suit the chosen floor height.

The electric motor is mounted inside the wine cellar and attached to the door. Finally, the motor is adjusted so that the door stands at approx. 85 degrees (but no more than 85), in relation to the floor, when the piston is fully extended.





The motor of the Elevation Wine Cellar is embedded in the base of the cellar.



Watch a summary video of this instruction manual by scanning the QR code:



Wine cellar for
450 bottles



Elevation wine
cellar

www.wine-store.co.uk