

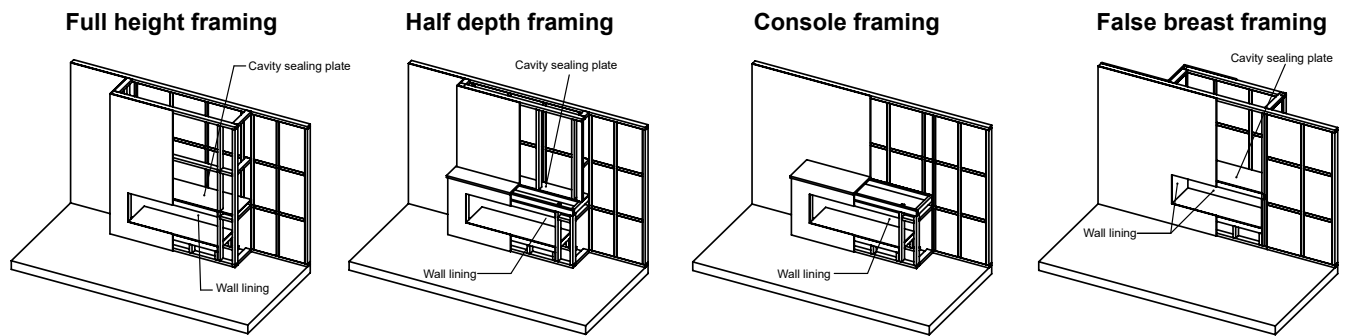
Velare 1500 - Hybrid Electric Fire

Enclosure and framing details

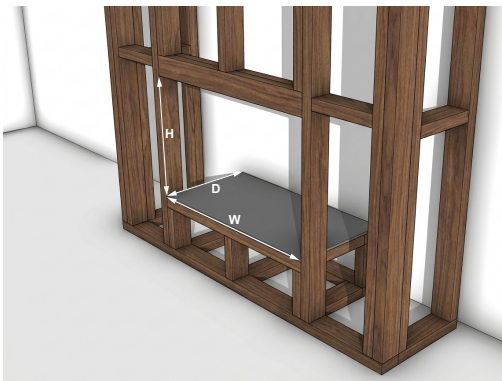


The following is an extract from the installation guide. Refer to the full document online for additional information.

Common installation types



Enclosure and framing dimensions



Dimensions (mm)	
Height	505 ¹ -515
Width	1510-1520
Depth	505 mm min. 550 mm recommended to allow for pipes behind heat pump

¹ Refer lintel notes on next page

Recommended installation height

200–400 mm from the floor. Installing the unit lower can result in cold air flowing along the floor during cooling mode, which may cause drafts and discomfort.



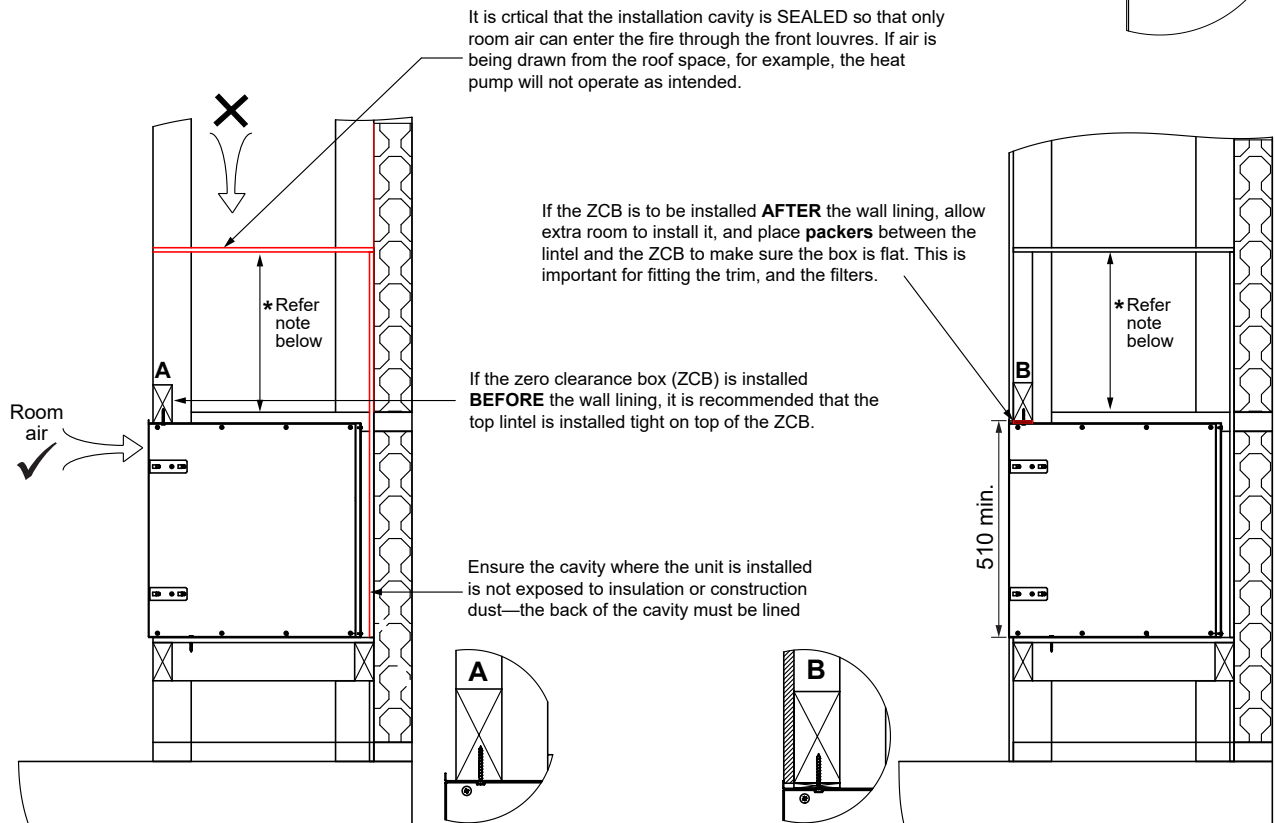
It is important to install the system in a SEALED CAVITY to ensure only room air circulates, rather than air from other areas such as the ceiling or outdoors.

For new builds make sure the cavity where the fire is installed is not exposed to insulation or construction dust and debris—ensure the back of the enclosure is not left unlined.

Enclosure and framing dimensions

Wall linings

When building the enclosure it's important to allow for the thickness of the wall lining, the outer edge of the zero clearance box needs to be flush with the wall lining. Because warm air is discharged through the lower louvres, the wall linings around and above the unit can be made from any material. No special clearances or non-combustible materials are required.



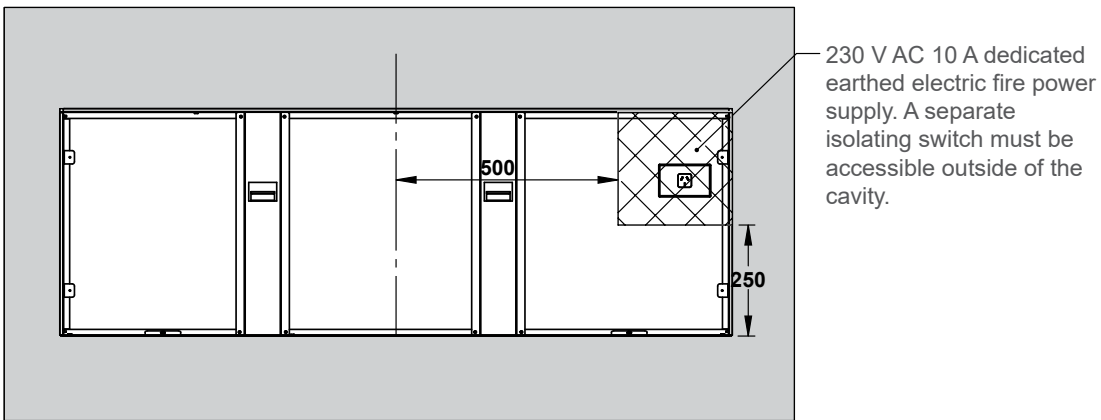
* This dimension does not matter. Its intention is to highlight that the cavity needs to be sealed—there is no clearance requirement.



The Velare 1500 is designed primarily for flush installations with the outer trim covering the fixings of the zero clearance box. If recessed, removal of the trim for access and servicing may be difficult. If the design requires the unit to be recessed, we recommend a maximum of 200 mm, this is because of the importance of ensuring only room air circulates through the appliance.

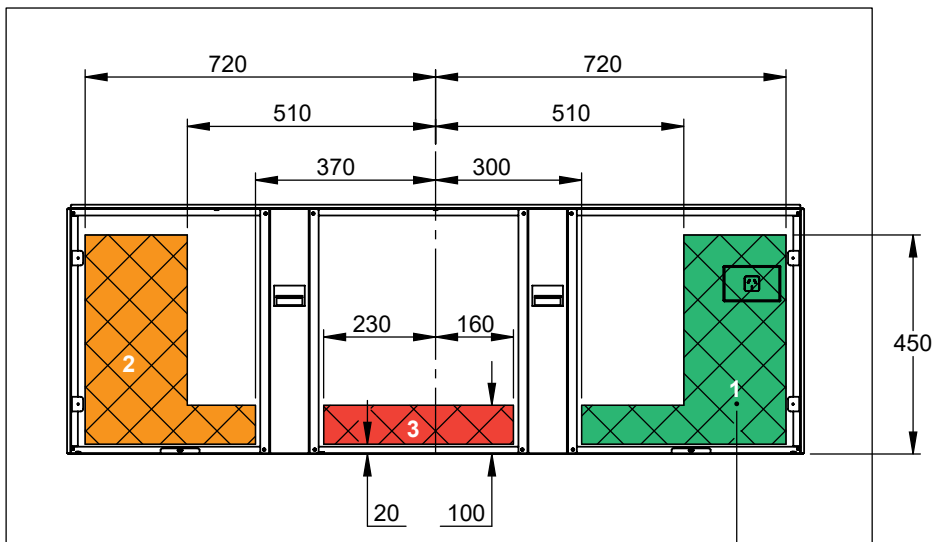
Electric fire power supply

The electric fire requires its own independent power supply. The below diagram with the cross hatch fill shows the zone in which the electrical connection can be installed. Ensure this connection has been made before installing the electric fire.



Refrigerant piping zones

Running refrigerant piping straight out through the lower right hand side is an easier and safer approach, keeping all connections outside the home.



- 1. Preferable location
- 2. Left hand side, second option
- 3. Behind, least favourable

Ø60-75 mm hole for refrigerant and heat pump power. Lower right hand side is preferable for ease of installation.

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Velare 1500 enclosure and framing details

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