



AirEx Vent Install Process

Winter 20/21

1 | Installing Airex Units

Assumes on the day of installation that the Airex hubs are already successfully installed and online in the required properties.

A. Verify that brick location is suitable for install

B. Check brick communications at install location:

- i. Turn the Airex unit ON and place as close to install location as practical. The unit will show a solid green LED on successful communication with the hub.
- ii. Switch the unit OFF

C. Remove existing airbricks: if possible, remove mortar around airbrick to keep it intact.

- i. Remove airbrick with hammer & mortar chisel, taking care of the mortar bed
- ii. Remove dirt and dust from airbrick void



D. Check Fits: Ensure the wall channel will fit into the void of the removed brick, and there is no obstruction behind the airbrick. This assumes the unit is already supplied within the wall channel.



E. Fit Wall channel with AirEx device:





- i. Apply adhesive backed expanding foam seal around the wall channel
- ii. Repeat *Step B(i)* to ensure comms work in the installation location.
- iii. On successful start-up (solid green light), record the vent number and the install location.
- iv. Clip fascia pieces into position in the wall channel, ensuring correct louvre orientation
- v. Apply a thin bed of mortar on the base of the brick void, and on top of the supplied wall channel.
- vi. Push battery pack to as far back into brick void as possible ensure that it does not block the airflow through the AirEx unit





- vii. Position the wall channel in the void, ensuring the front edge is flush with the external wall of the dwelling.
- viii. Mortar the wall channel fully into position

F. Ensure unit has successfully run start-up and self-diagnostics

LED Colour	LED behaviour	Diagnostic Information
	Solid light	Hub successfully start-up and connected to the internet
	Solid light	Comms error - check enclosure position and active hub
	Solid light	Vent error - check door & hard reset vent unit
	Solid light	Critical Vent error - requires vent replacement

G. Photograph & validate install:

- i. Photograph the installed AirEx vent unit
- ii. Ensure recorded AirEx locations with install location and unit serial number clearly in
- iii. Ensure the unit is left switched ON.