



# nZEB in a box

nZEB solutions for apartments

## EVAir F30 - Product Overview



**TGD** PART F  
PART L





# Compliance Overview of EcoVolt EVAir F30

**Ventilation (cMEV), Space Heating and Domestic Hot Water solution for New Build Apartments.**

- Covers all space heating, hot water, & ventilation requirements for new build apartments
- Integrates space heating, domestic hot water, & ventilation into one unit.
- Fully nZEB compliant.
- Complies with Part F & Part L building regulations.
- Seasonal Co-efficiency of Performance (SCOP) of 3.52.



**seai**

**ErP A+**  
**R290**  
REFRIGERANT



**TGD** **PART F**  
**PART L**



# Product Guide to EcoVolt EVAir

Space heating, domestic hot water, & ventilation into one enclosed unit.

Footprint of 800mm x 800mm utility cupboard, ideal for space constricted developments.

Selection of pre-plumbed cylinders available (100L, 150L)

All pipework, valves and connectors used are WRAS Approved.

Ceiling mounted louvres to extract air from wet areas.

Fresh air intake through windows or wall ventilators/grilles, & through an air duct system.

No additional PV Panels required for nZEB compliance.

Fully connected system with Wi-Fi control via the Tuya app.

Full remote access for landlord/ building management control.

## EVAir F30 System

1.

**EVAir F30**  
Main System

2.

**Hot water storage cylinder c/w integrated buffer vessel**

3.

**Expansion Vessel & 3 Port Valve**

4.

**Control Multiple Devices**  
Only one app to manage multiple devices

**Mobile Application**

5.

**Wet radiators**

6.

**Towel Rad**

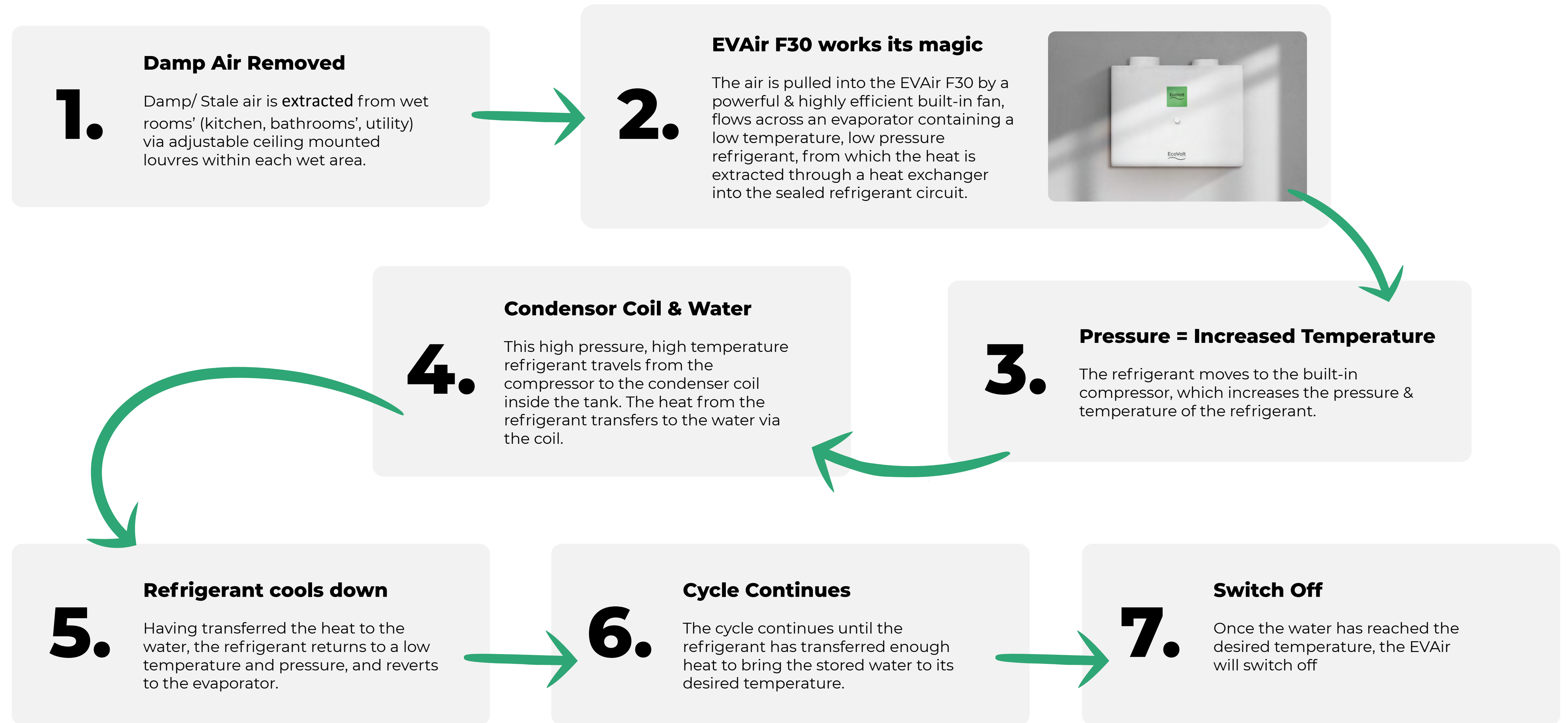
7.

**Ceiling Louvre**

8.

**Air Brick**

# How does the EVAir F30 system work?





**EVAir F30 System**

1.



**EVAir F30**  
Main System

2.



**Hot water storage cylinder c/w integrated buffer vessel**

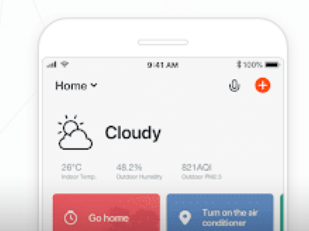
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**Expansion Vessel & 3 Port Valve**

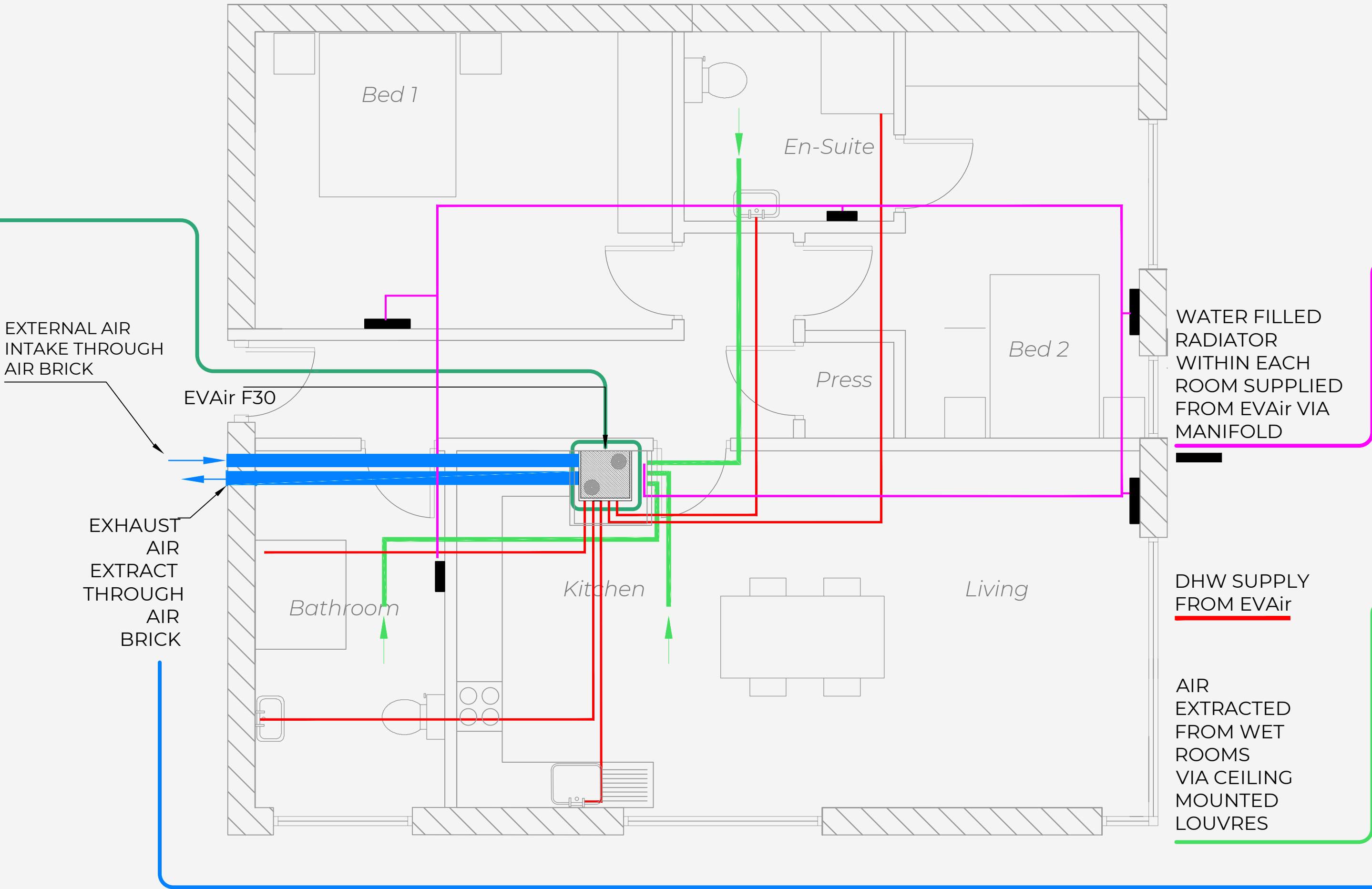
4.

Control Multiple Devices  
Only one app to manage multiple devices



**Mobile Application**

# EVAir F30 Positioning



5.



**Wet radiators**

6.



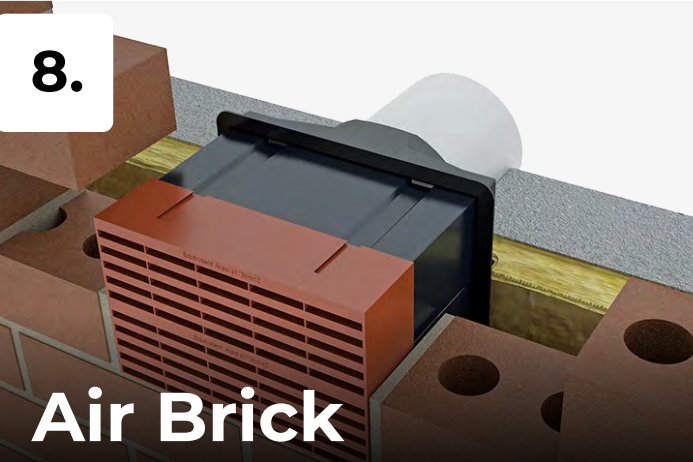
**Towel Rad**

7.



**Ceiling Louvre**

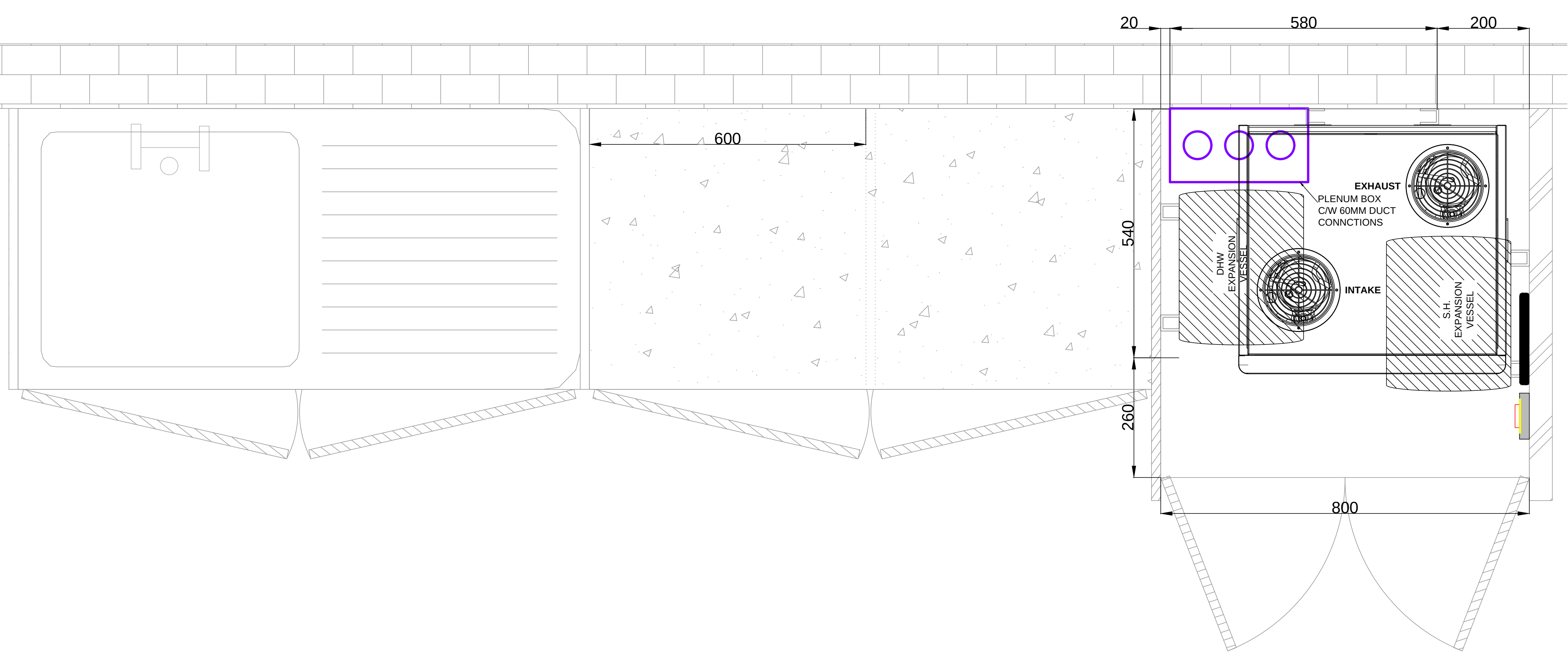
8.



**Air Brick**

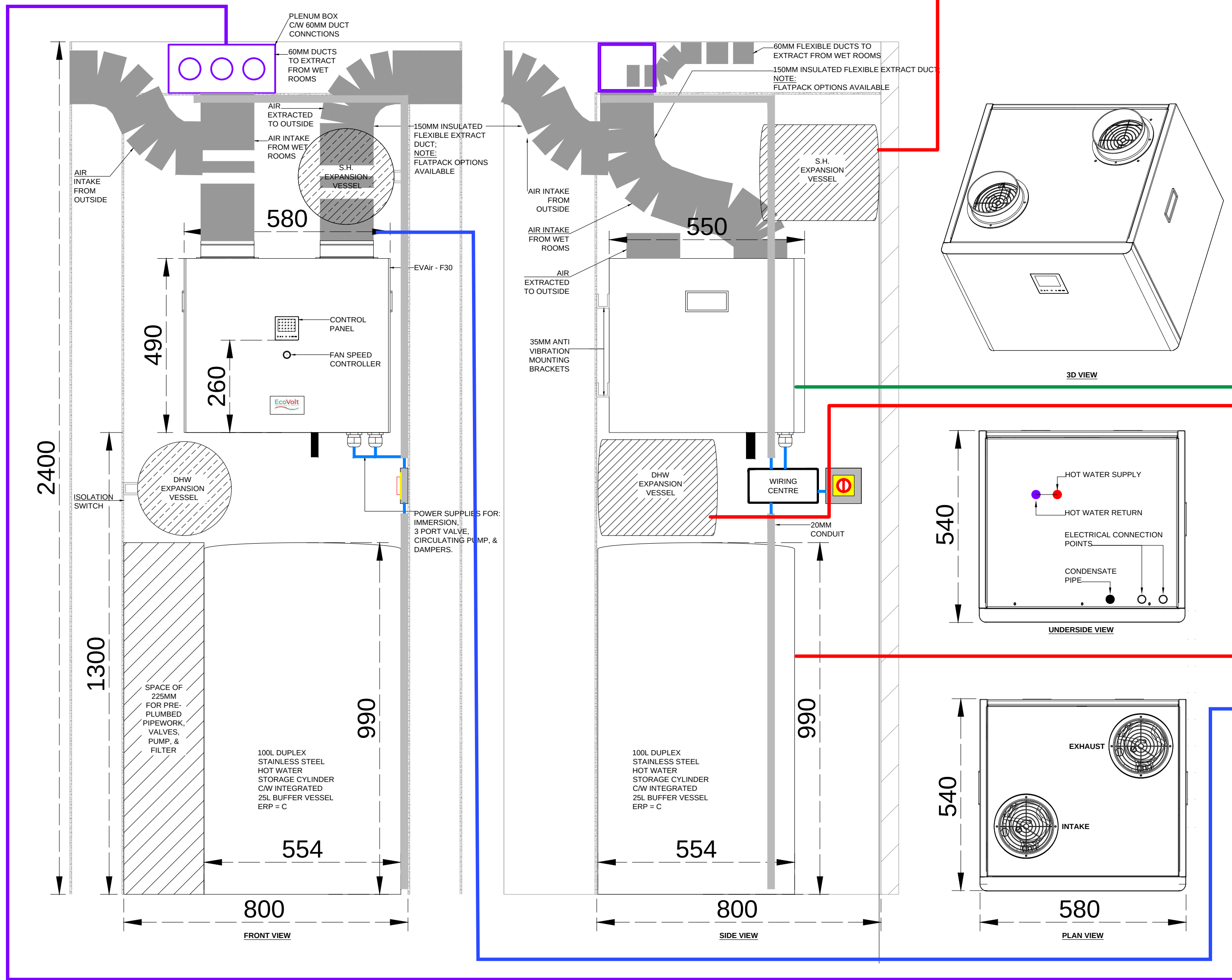


# EVAir F30 Cupboard Plan





# EVAir F30 Cupboard Layout



SH Expansion Vessel



EcoVolt EVAir F30



DHW Expansion Vessel



Hot Water Storage Cylinder

Options available for a 100L or 150L hot water storage cylinder with a built in buffer vessel.



Insulated Flexi Duct



Plenum Box



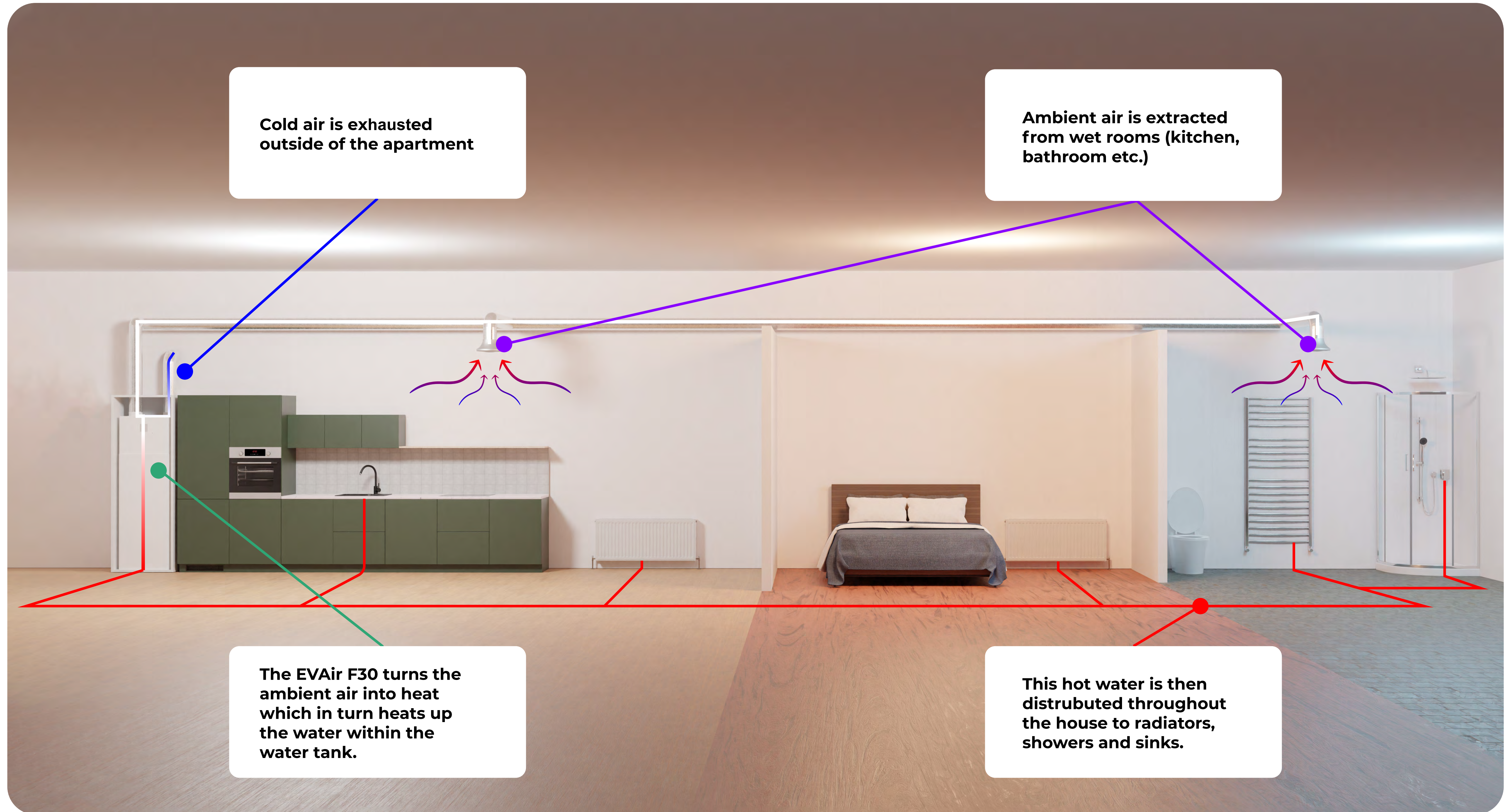


**Cold air is exhausted  
outside of the apartment**

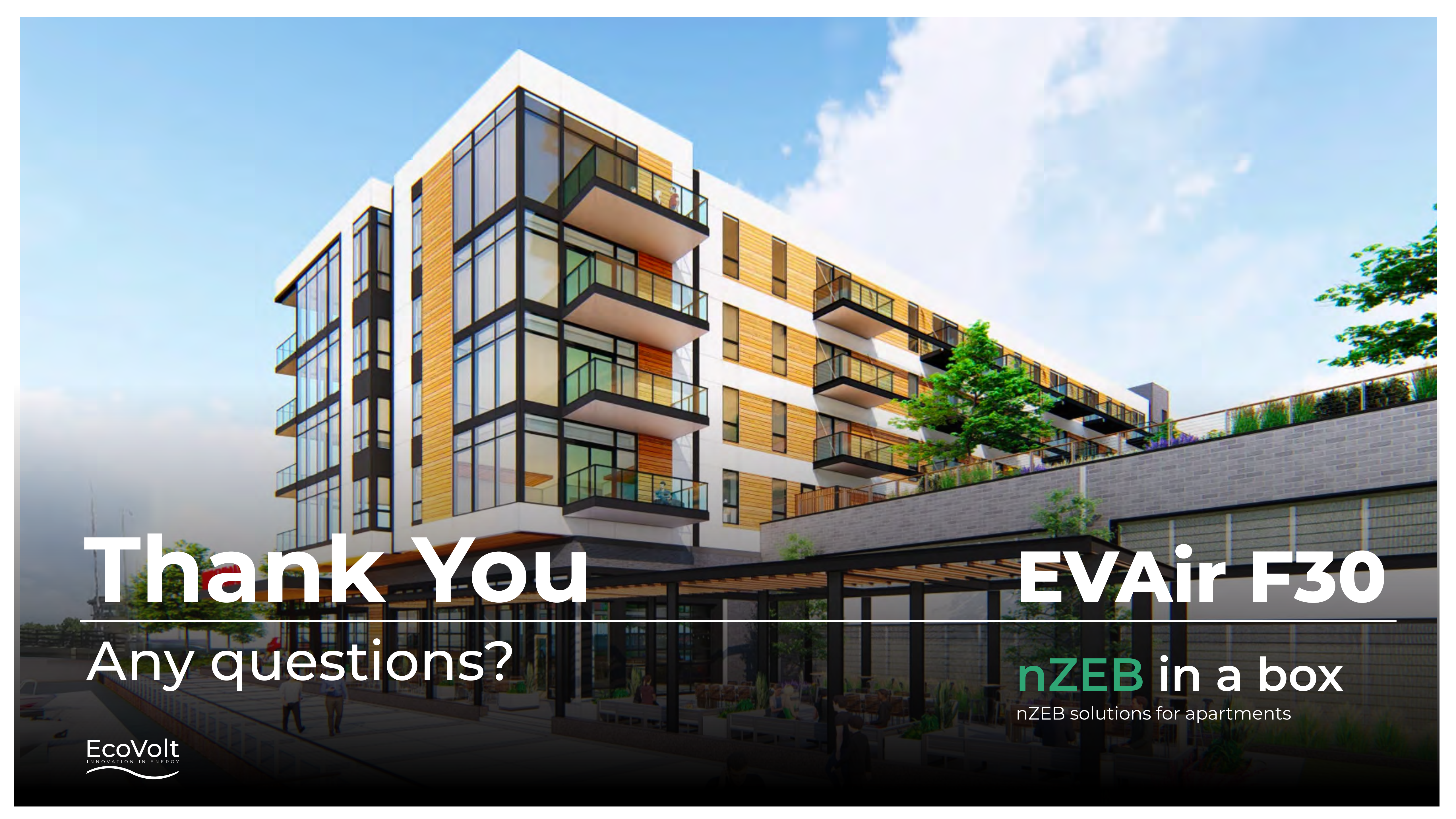
**Ambient air is extracted  
from wet rooms (kitchen,  
bathroom etc.)**

**The EVAir F30 turns the  
ambient air into heat  
which in turn heats up  
the water within the  
water tank.**

**This hot water is then  
distributed throughout  
the house to radiators,  
showers and sinks.**







**Thank You**

Any questions?

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