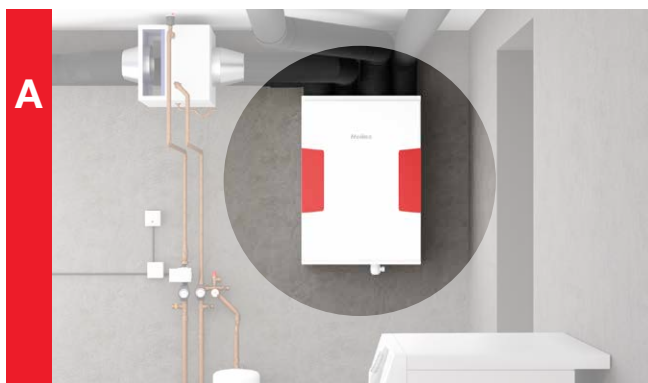


Location and installation of the unit: this is crucial.



For the reliable and energy-efficient operation of a KWL system, the choice of installation location is of central importance. The positioning of the ventilation unit influences thermal efficiency, condensate drainage, accessibility for maintenance and the acoustic behaviour within the building.

For this reason, all structural conditions, technical requirements and operational aspects should already be taken into account during the planning phase. The type of installation also has a significant influence on the performance and operational reliability of the system.

The following points must be observed:

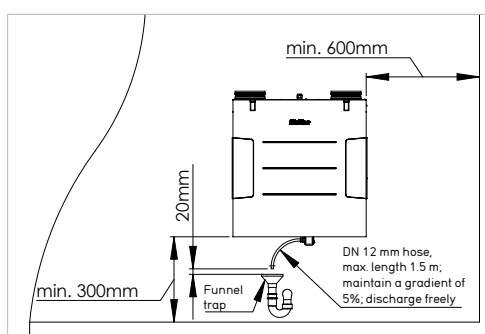
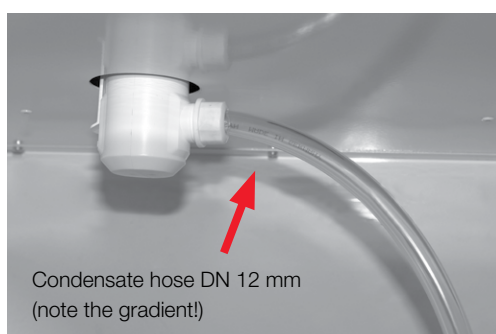
1 Installation exclusively in frost-free rooms with a year-round temperature above +5 °C.

2 Condensate drainage must be provided on site.

3 Connection of the condensate drain to an on-site funnel trap.



To ensure unobstructed condensate drainage, the condensate hose (DN 12 mm) must be installed with a constant gradient of at least 5%. The hose must not be kinked. The maximum hose length is 1.5 m. The hose must **discharge freely** (20 mm) into an on-site funnel trap (see sketch).



4 Ensure vertical installation.

5 Install supply lines in good time: all required connections (mains supply, sensors, remote control) must be installed in good time.

6 Optimise duct routes: supply, extract, exhaust and outdoor air ducts should be kept as short as possible in order to minimise pressure drops.