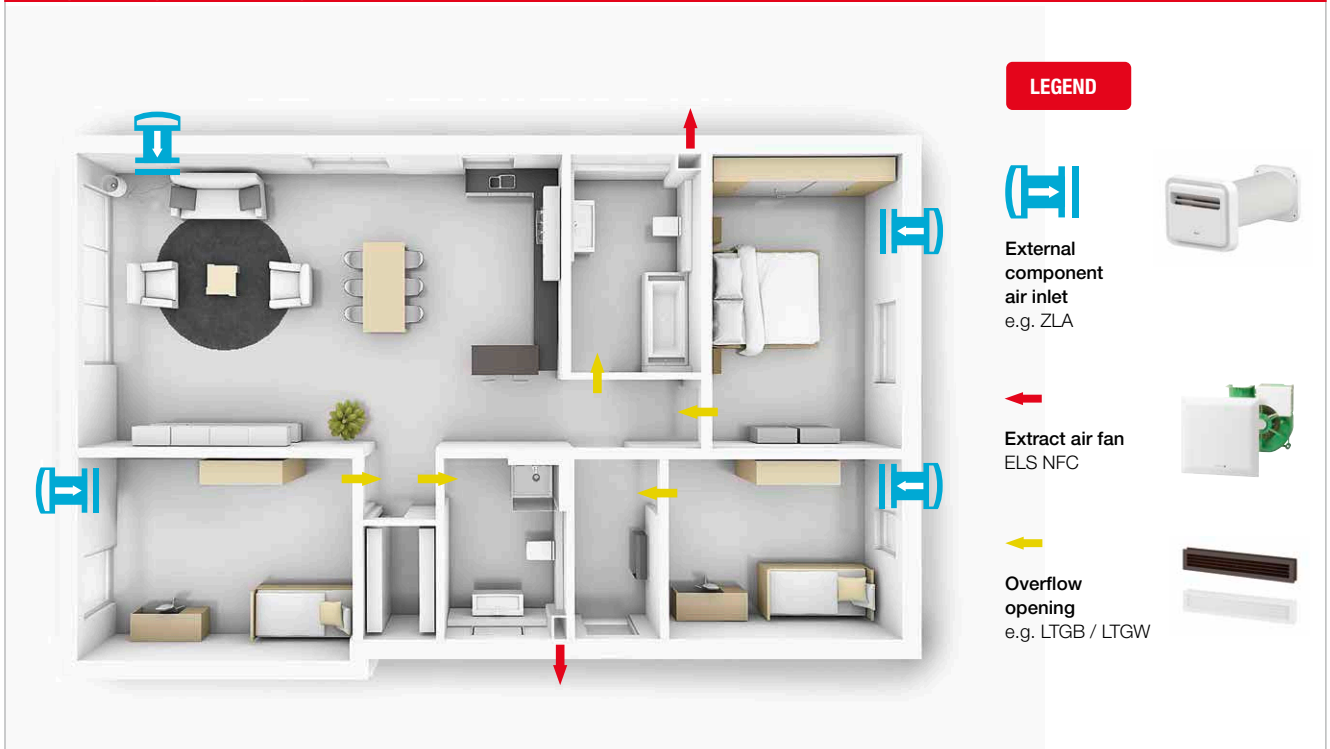


## OUTSIDE AIR INTAKE

### ■ Intake of outside air (supply air flow).

For the extract air flow, an appropriate supply air intake must be ensured. Suitable outside air vents in living and recreation rooms, as well as overflow openings to sanitary rooms, meet these requirements. The airflow is calculated according to DIN 1946-6, considering infiltration influences. Non-closing overflow openings ensure the air flow to the extract air zones, with the number and size depending on their flow rate. Ventilation measures according to DIN 1946-6 must ensure the flow rates for moisture protection permanently and independently of the user.

### Example floor plan: 4-room apartment



With regard to system design according to DIN 18017-3, the flow rate for moisture protection pursuant to DIN 1946-6 must always be ensured.

**Solution:** A fan with two performance levels individually ensures that the two standards are always taken into account according to specific requirements.



**Your benefit:** The mono tube ventilation systems ELS NFC cover every flow rate required by the standards DIN 1946-6 and DIN 18017-3. All models are equipped as standard with 3 performance levels, as well as 2 additional ventilation levels for basic ventilation and interval operation, including startup delay and overrun, and can be configured via the ELS App.



**Tip:** ELS NFC is also available with convenient automatic functions. Through presence detectors, automatic humidity control, as well as CO<sub>2</sub> and VOC sensors, demand-controlled ventilation according to DIN 18017-3 can be automatically activated without user intervention.