

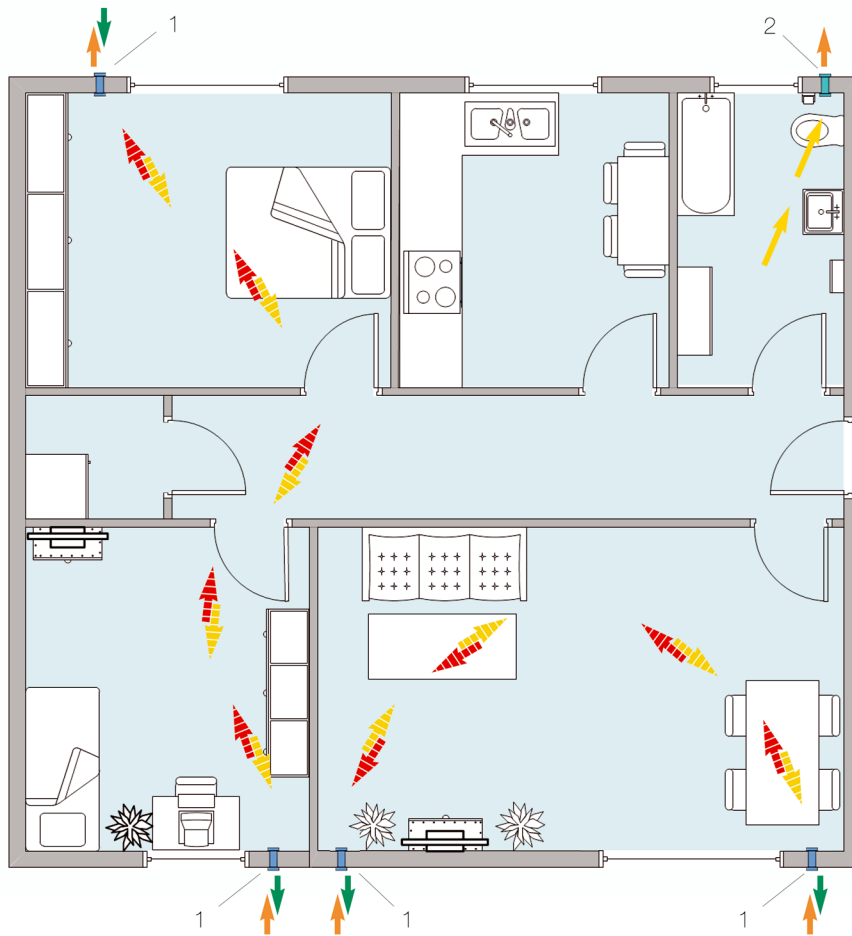
PP 60 K-SE

Decentralised ventilation unit - PushPull

- The PushPull 60 K single-room ventilation unit with heat recovery delivers controlled ventilation and air extraction for living rooms.
- Unlike solutions with centralised units, here a unit is fitted in each of the rooms requiring ventilation. This eliminates the need for the costly installation of a ventilation duct system. The PushPull 60 K is therefore the ideal ventilation solution for any redevelopment project – especially when space is at a premium. The compact dimensions of the PushPull 60 K unit allow it to be easily fitted into the wall using a core hole if there is little space available.
- Ventilation per pair of units can be set individually by installing the single-room ventilation units in a decentralised manner.
- Thanks to the electric external shutter, cold air is prevented from entering when the unit is switched off.
- One of the reasons why ventilation takes place is because two PushPull units draw in and extract air in turn. In exhaust air operation, the PushPull ventilation unit conveys the used and moist air, e.g. outdoors out of the living room. The thermal energy of the exhaust air is stored in the heat exchanger.
- The corresponding ventilation unit in the living room is in supply air operation and brings fresh, filtered and preheated air into the room at the same time. After 70 seconds, the ventilation units swap function, i.e. the air flow is reversed.
- The corresponding ventilation unit can also be located in the neighbouring room. An MLK door ventilation grille then makes possible the air circulation needed in both rooms.
- Up to 6 x PP 60 K units can be controlled with one RLS PP-K control.
- 3 different ventilation programs (continuous ventilation, cross-ventilation, dehumidification) make any combination of ventilation possible.
- The example of the 3-room apartment shows both installation situations.

FUNCTIONAL DESCRIPTION

PP 60 K-SE



1 - PushPull 60 KA ventilation unit with alternating operation "Permanent ventilation"

2 - ECA 100 ipro, "Demand-based ventilation"

Red/yellow arrows: Supply and exhaust air with change of direction

Green/orange arrows: Outside and outgoing air with change of direction