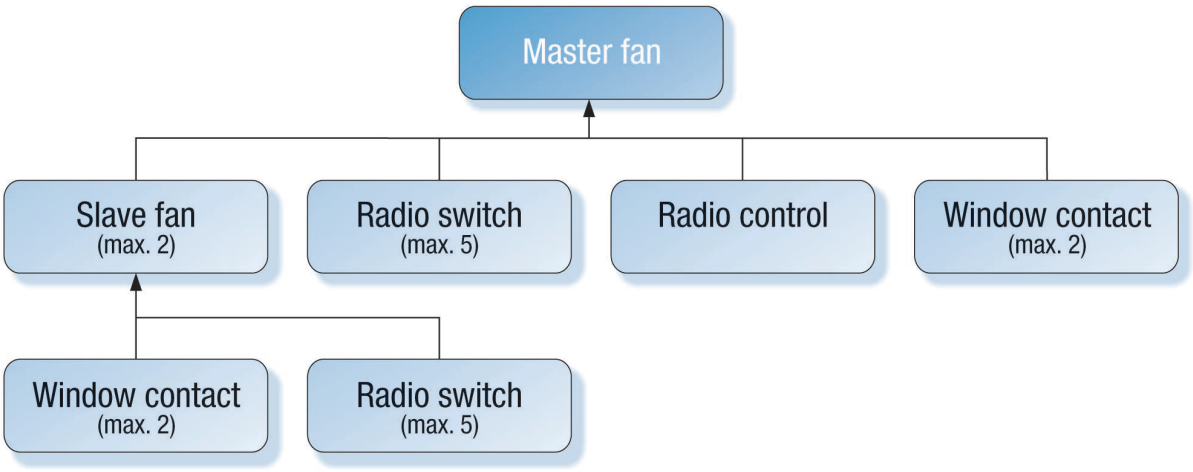
INSTALLATION INSTRUCTIONS

ER 100 RC

Maximum number of components



- Several points should be noted when planning the MAICOsmart system. Radio communication is very reliable. But radio signals can be restricted by metal plates or armouring iron in the building shell. When positioning the radio components, therefore be sure that there are no metallic objects near the installation site.
- The transmitters must not be attached to metallic surfaces. Before fitting the radio components, you should therefore test whether the intended installation location is suitable. We would recommend using a field measuring device to establish the right type of installation and to check the radio signals.

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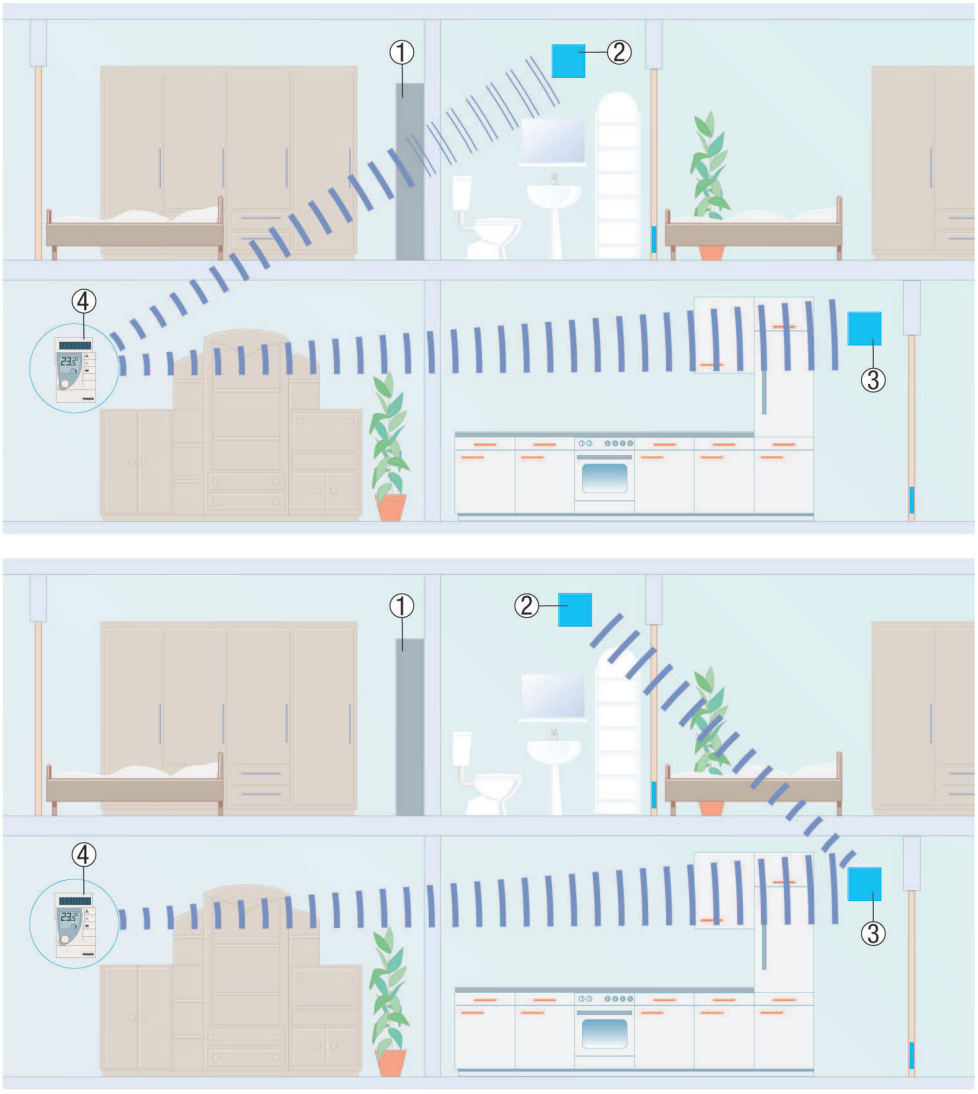

① Metal obstacle
② Master fan
③ Slave fan
④ Radio control

- In the diagram, the slave fan functions as a repeater and forwards the radio signal to the master fan. Direct communication between the radio control and master fan is not possible in this example.

Positioning the ALD outside air openings

- We recommend positioning the ALDs in the external wall or in the top window frame.
- The ALDs are fitted in rooms requiring supply air.
- Be sure to fit the ALDs over radiators wherever possible. This prevents draughts.

Positioning the radio control

- Several criteria should be noted when selecting an installation location for the radio control:
  - Since the radio control is powered by solar cells, it must be positioned in a bright spot in the room.
  - It must be positioned in a dry place.