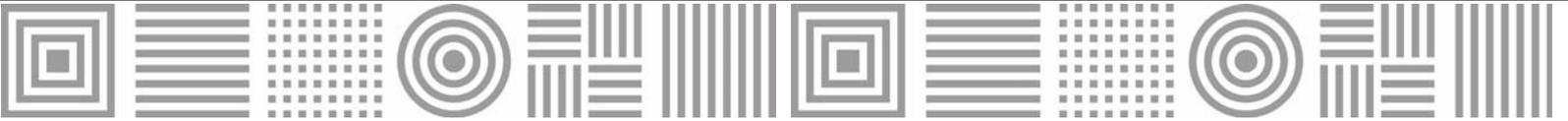




K S P – S U B radio controlled sub-zones system



MADEL®

Zoning System R/C allows for individualised temperature control of different zones using the same air treatment equipment to provide **increased comfort** in each one.

KSP-SUB control panel works independently of the duct-type air conditioning system and can control from **1 to 6** different zones.

The control is carried out by means of digital thermostats linked by radio frequency to a control panel who operates the different motorised (24 Vdc) zone dampers. **R/C** Radio-controlled digital thermostats offer an **easy installation**: Neither thermostat wiring nor additional works are required.

Ecologically friendly: Zoning System R/C provides a rational use of energy, both from an economic and environmental point of view.

KSP-SUB

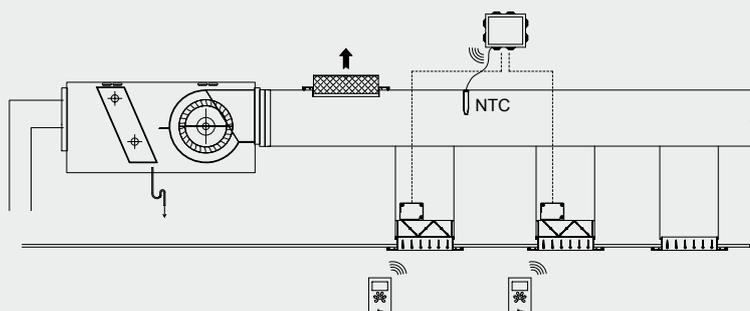


Sub-zone kit designed for independent temperature control in ducted air conditioning equipment, with which it acts only in certain zones of the installation, leaving others free. Particularly suitable for medium- and large-scale installations for avoiding occasional excessive heating or cooling in certain zones (meeting rooms, offices, etc.).

- ★ Control over up to 6 independent zones.
- ★ The system is independent of the air-conditioning equipment.
- ★ Automatic summer/winter changeover by means of a duct-mounted NTC sensor.
- ★ Radio-controlled digital thermostats with timing in 30 minute intervals.

Sub-zone control

- Without controlling the air conditioner
- Automatic summer/winter changeover
- Affordable
- Easy to install



Technical specifications

Control board (receiver)

- Power supply 230 VAC \pm 10%, 50/60 Hz
- Consumption: 4 VA
- Six 24 VDC outputs, for zone control (maximum of 2 dampers per zone)
- Digital input for remote ON/OFF
- Discharge pressure sensor NTC 10 K
- Protection class: IP 20
- Size 105 x 90 x 60 mm

Thermostats (emitter)

- Power supply 2 x 1.5 V LR06 AA
- Average operating life 1 year (or longer)
- Temperature differential (\pm 0.5 °C)
- Protection class: IP 20
- Carrier frequency (ISM band, as per standard I-ETS 300-220): 433.92 MHz
- Average range: 50 m in free field, 20 m in enclosure
- Size 115 x 70 x 18 mm

Accessories

- Motorised damper (24 VDC) ZP-AZ, for mounting on MADEL grilles
- Motorised damper (24 VDC) ZC for mounting on circular ducts
- Motorised damper (24 VDC) ZQ for mounting on rectangular ducts
- Motorised plenums (24 VDC) PL...-ZR, for fitting with MADEL grilles and diffusers MADEL