



KSP radio controlled basic zoning 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 control panel is compatible with any **duct-type direct expansion** 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.

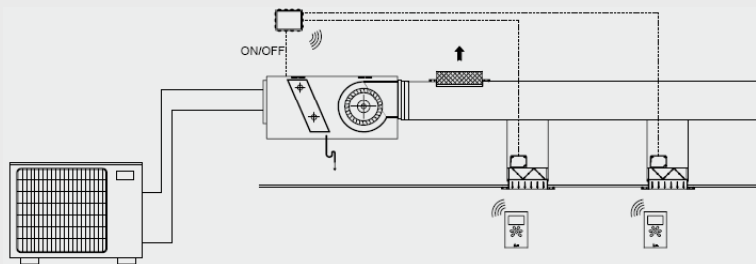
Ecologically friendly: Zoning System R/C provides a rational use of energy, both from an economic and environmental point of view.

KSP



Simplified zoning kit designed for independent temperature control in electronic direct-expansion ducted air conditioning equipment.

- Control over up to 6 independent zones
- Air conditioning ON/OFF control. The air conditioner's original controller is to be retained.
- Summer/winter changeover in the conditioner's controller and in the master thermostat.
- Radio-controlled digital master chrono-thermostat with week-to-week programming. Radio-controlled digital zone thermostats with timing in 30 minute intervals.
- Coded radio-controlled transmission system (over 3000 combinations).



Technical specifications

Control board (receiver)

Power supply 230 VAC \pm 10%, 50/60 Hz
Consumption: 4 VA
1 potential-free output switching relay
230 VAC x 10 A, air conditioning control
Six 24 VDC outputs, for zone control
(maximum of 2 dampers per zone)
Digital input for remote ON/OFF
Return safety 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 (chrono)
130 x 80 x 19 mm (touch)

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 mounting on MADEL grilles and diffusers
Adjustable overpressure dampers
(ZS series)