



PMC Multizone Plenum

Air Distribution System
for Carisma CRSL and CRSL-ECM

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Carisma Multizone is an advanced air distribution system suitable for centralised installations where the comfort of each environment must be adapted to individual needs.

It can be fitted on Carisma CRSL and Carisma CRSL-ECM ducted fan coils.

The **Multizone** system comprises a plenum with spigots, modulating dampers and electronic control for managing different temperatures through varying the air flows in each of the air-conditioned zones.

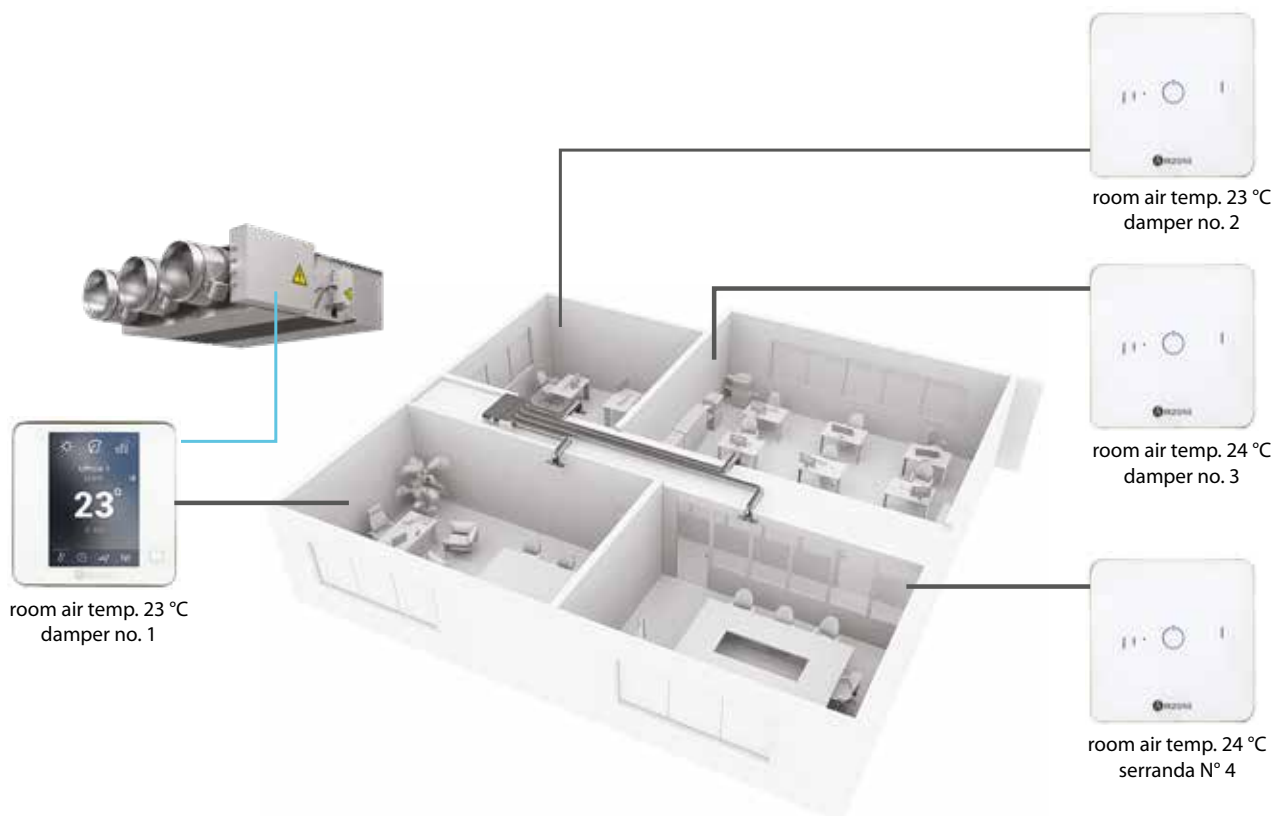
The controls allow separate programming for the different zones; the system can also interface with supervisory systems via Modbus.

The modulating dampers are motorised, adjustable and are managed by the electronic control.

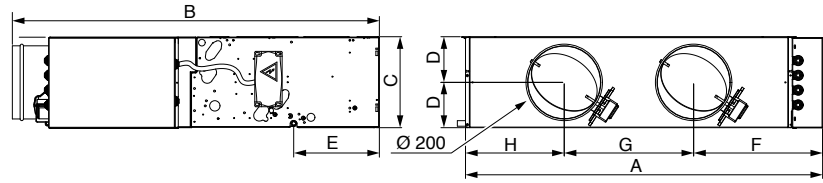
The plenum is delivered complete with all components (power board, control for asynchronous or ECM motors and motorised dampers) already assembled, while the thermostat and sensors must be ordered separately; the plenum is fitted with a male terminal block for quick connections to the female terminal block on the fan coil.

Each system requires one **BLUEZERO wall control** (which also serves as the zone sensor) plus one **Zone sensor** for each zone, up to a maximum of four per system (five zones in total, including the BLUEZERO wired wall control); the plenum, wall control and zone sensors must be connected using the Multizone communication cable (available in 10 m or 100 m lengths).

Benefits: as well as improving aesthetics, with one ducted indoor unit is possible to air-condition several rooms, independently managing fan speed and air flow.

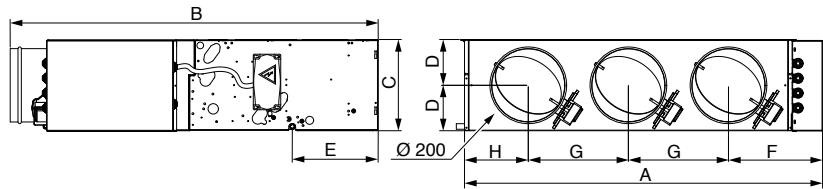


Plenum with two spigots for CRSL / CRSL-ECM - size 2



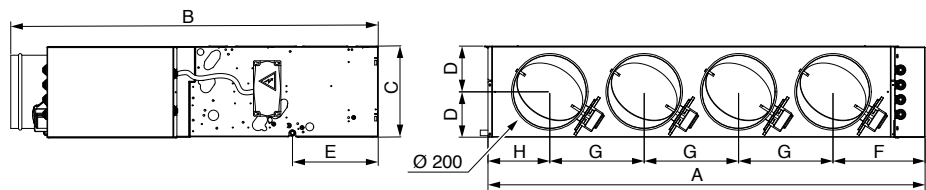
Size	Dimensions (mm)								Weight (kg)
	A	B	C	D	E	F	G	H	
2	966	993	248	124	230	349	350	267	11,0

Plenum with three spigots for CRSL / CRSL-ECM - sizes 2, 3 and 4



Size	Dimensions (mm)								Weight (kg)
	A	B	C	D	E	F	G	H	
2	966	993	248	124	230	254	270	172	12,3
3-4	1.181	993	248	124	230	284	347,5	202	13,5

Plenum with four spigots for CRSL / CRSL-ECM - sizes 3 - 4



Size	Dimensions (mm)								Weight (kg)
	A	B	C	D	E	F	G	H	
3-4	1.181	993	248	124	230	249	255	167	14,8

Controls

MZ-BLZ BLUEZERO wall control

Wall thermostat with tempered glass touchscreen and steel casing

- Zone thermostat.
- ON/OFF programming for each.
- Programming of seasonal change-over.
- Energy Saving mode with setpoint limitation.
- Humidity sensor.
- Wall-mounted using the support supplied.



MZ-SZ Zone sensor

Wall sensor with steel and glass casing with touch buttons

- Zone ON/OFF.
- Room temperature and relative humidity reading.
- Temperature set point adjustment $\pm 3\text{ }^{\circ}\text{C}$.



Accessories

MZ-C10 Multizone communication cable, 10 m

(for connecting the thermostats or receivers to the board)



MZ-C100 Multizone communication cable, 100 m

(for connecting the thermostats or receivers to the board)



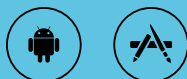


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