



**Suppliers of Air Conditioning & Refrigeration
Control Equipment**

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ZC4 Air Conditioning Zone Controller

General Description:

The ZC4 is a microprocessor based HVAC zone control system that can be used with any standard or programmable thermostat or thermostats (input type "RYWG") such as the MJB Controls PDT7D. This will allow the control of any heating, cooling or air conditioning system with up to 4 zones (plus 1 spill or bypass zone).

Each zone can be independently controlled by its own thermostat and hence can be set to the occupants individual temperature needs. Also if the ZC4 is used with programmable thermostats then each zone can be individually controlled on different time schedules as well as temperature settings.

Features:

- 4 Zone control.
- Individual zone times.
- Individual zone temperatures.
- LED Status indication on all inputs and outputs.
- Heat/Cool and Heat Pump logic as standard.
- Heating, Cooling and economy cycle.
- Isolated inputs and outputs.
- Multi stage equipment control.
- Multi fan speed control.
- Finger proof plastic case.
- 24 Volt Powered.

ZC4 Specifications:

Input Voltage	24 Vac 50 Hz +/- 15%
Operating Temperature	0 ~ 50C
Operating RH	0 ~ 95% Non Condensing
Dimension	110 x 200 x 60 (mm)
Memory Type	Non Volatile (No back up battery required)
Max relay voltage	24 V ac
Max switching current	2 Amps
Time slicing	30 mins max
Zone damper logic	Last direction held
Reversing valve logic	Held for 30 mins or until opposite mode called
Status LED's	Heartbeat with fault codes
Fuse	All fuses auto reset.