

# CR4PU / CR422PU / CR428PU

## 4 Channel Hardwired Unvented Pack

# Wiring Diagram

### Components:

- 1 x 4 Channel Programmer
- 3 x 2 Port Motorised Valve
- 3 x Room Thermostat
- 1 x Wiring Centre




**CAUTION!**

Consult the boiler installation instructions before wiring!

Boiler manufacturers wiring schematics may vary:

- A permanent power supply may be required
- An overrun function may be required
- A volt-free signal from the motorised valves limit switches may be required

**SPUR FUSED @ 3A**




$\perp$  N L  
 ↓ ↓ ↓  
 1 2 3

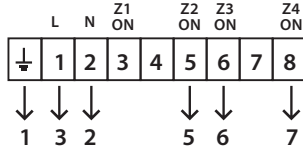
**R47**  
Programmer



**CM2**  
Room Thermostat (1)




COM 1 → 5  
N/O 2 → 9




**HEATING VALVE (ZV2)**

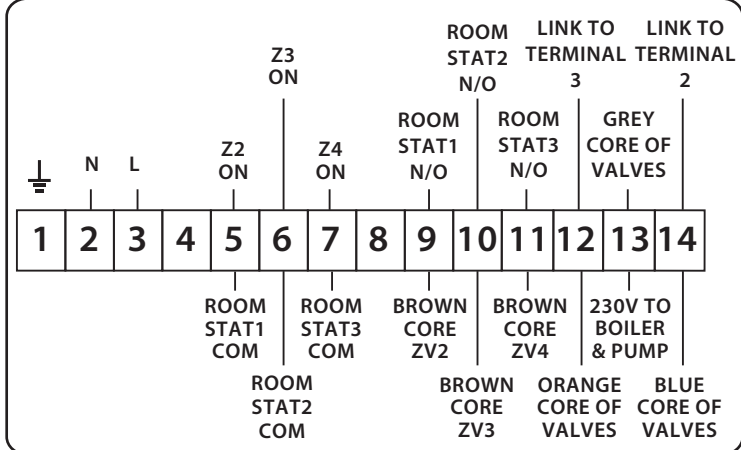
9	←	BROWN
14	←	BLUE
12	←	ORANGE
13	←	GREY
1	←	EARTH



**CM2**  
Room Thermostat (2)




COM 1 → 6  
N/O 2 → 10




**HEATING VALVE (ZV3)**

10	←	BROWN
14	←	BLUE
12	←	ORANGE
13	←	GREY
1	←	EARTH




**CM2**  
Room Thermostat (3)



COM 1 → 7  
N/O 2 → 11


**HEATING VALVE (ZV4)**

11	←	BROWN
14	←	BLUE
12	←	ORANGE
13	←	GREY
1	←	EARTH




**WIRING CENTRE**

**BOILER**



$\perp$  → 1  
 N → 14  
 L → 13

**PUMP**



$\perp$  → 1  
 N → 14  
 L → 13

