

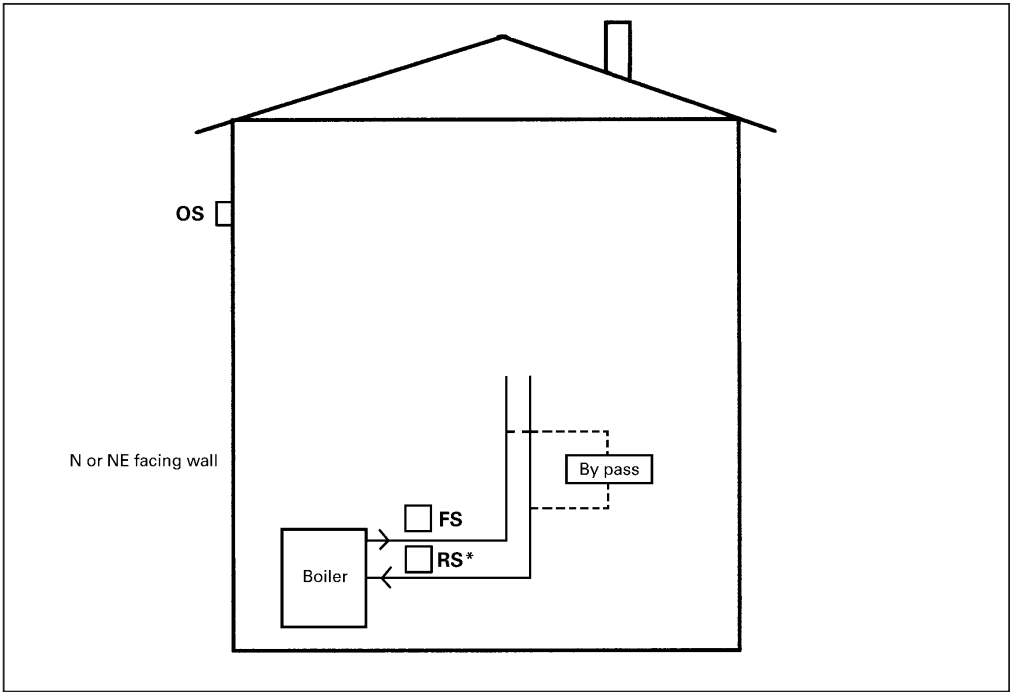
BLC Installation Instructions



BLC1.A Terminal Layout

PO	Pump output
PI	Pump input (from boiler overrun)
VCH	Output to CH valve
L	240v supply
N	Neutral
FS	Flow or external sensor
CS	Sensor common
RS	Return sensor
BI	Boiler volt free switch
B2	Boiler volt free switch
HWD	Hot water demand
CD	Demand common
CHD	Central heating demand

All wiring including wires to sensors should be 240V rated and all components earthed as required.
Wiring (except sensors) should be run to a wiring center and the minimum number of links added to the BLC1.A.

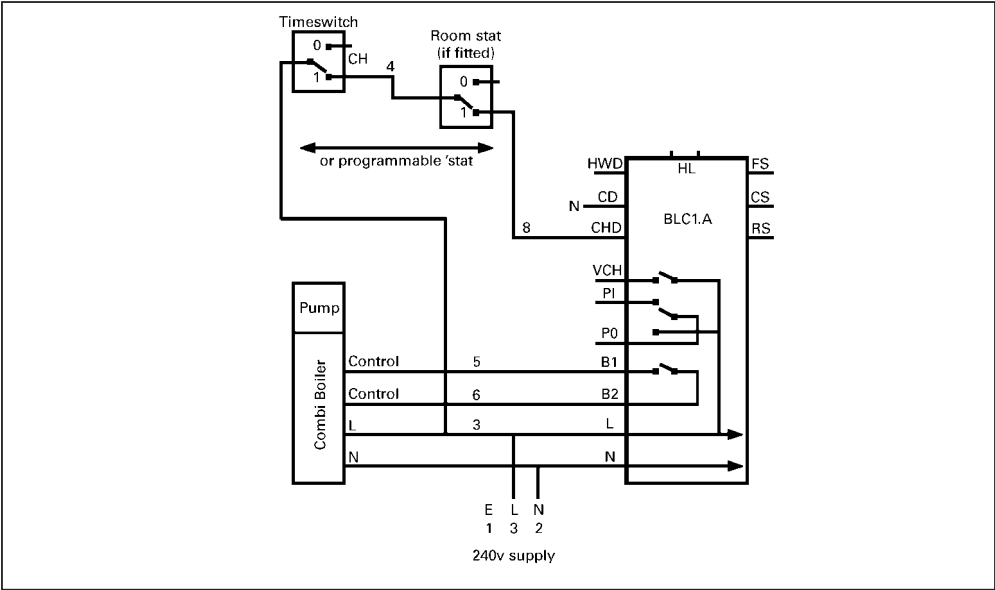


WEATHER COMPENSATION: OS - Outside (north or north east facing wall)
RS - Next to boiler (on return)

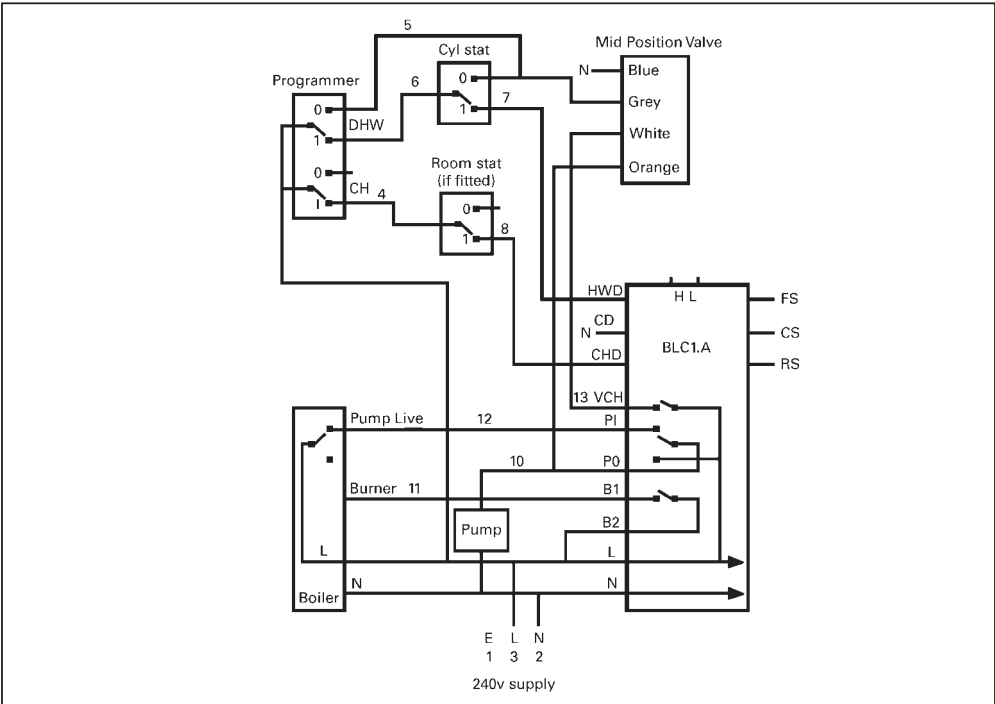
LOAD COMPENSATION: FS - Next to boiler (on flow)
RS - Next to boiler (on return)

* For room stat controlled systems preferred position of RS is to sense CH return only

Combi System Schematic

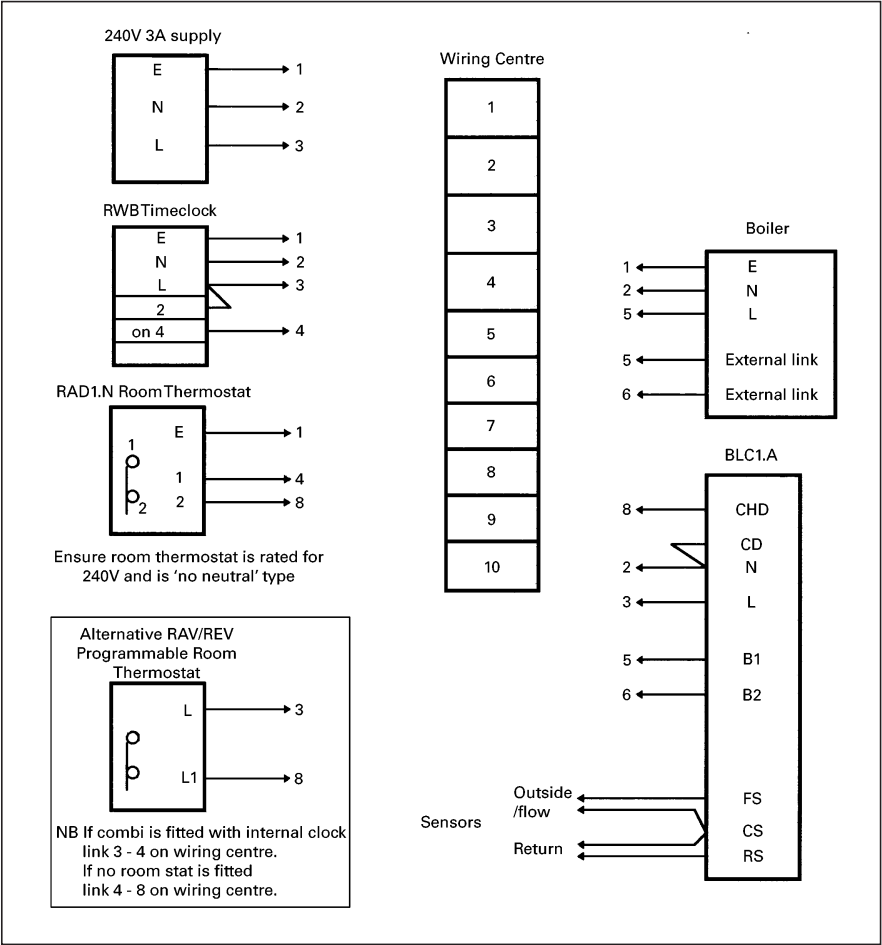


Mid Position Valve System Schematic



Numbers shown refer to terminal numbers in wiring centre

Combi System Wiring



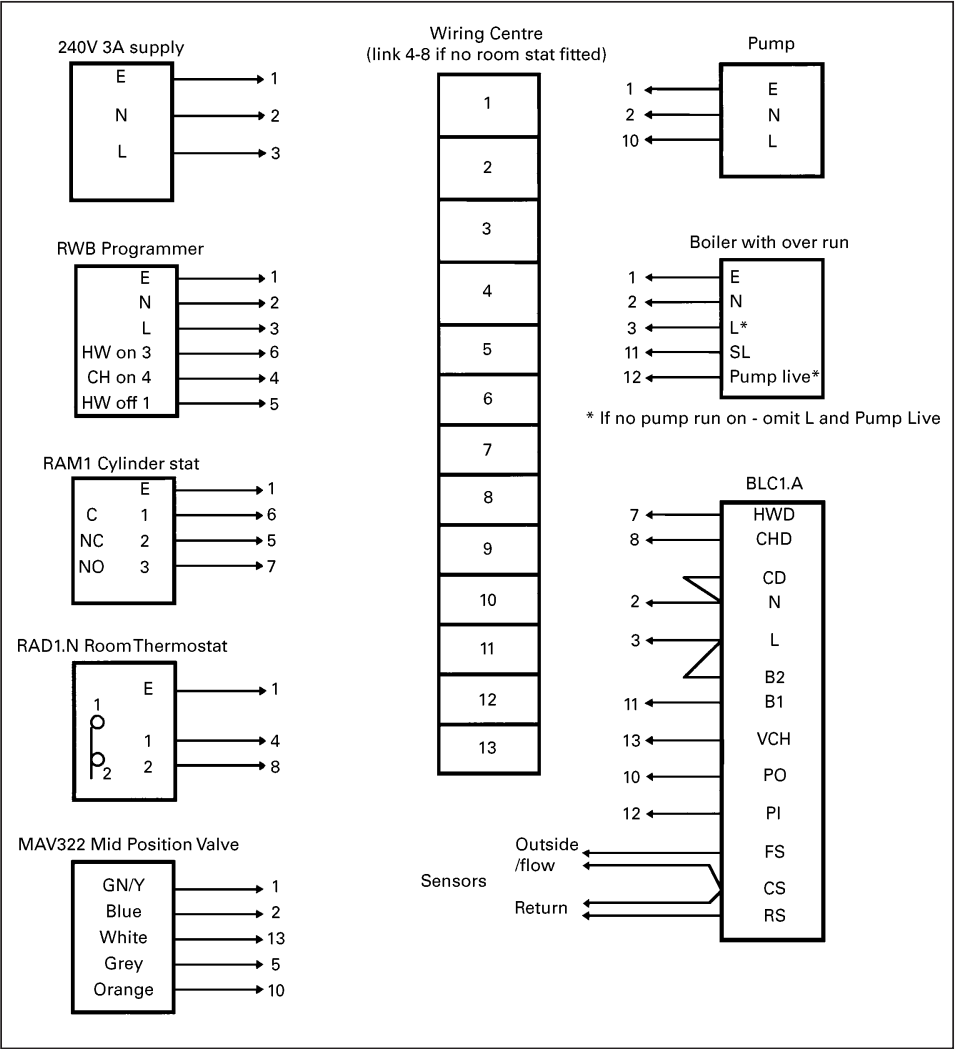
All wiring to be rated @ 240v and earthed as required.

Product codes and terminal numbers refer to Landis & Staefa products.

If other manufacturers products are already installed, use their equivalent terminal numbers.

Refer to relevant system and schematic diagrams when using this diagram.

Fully Pumped Mid Position Valve Wiring

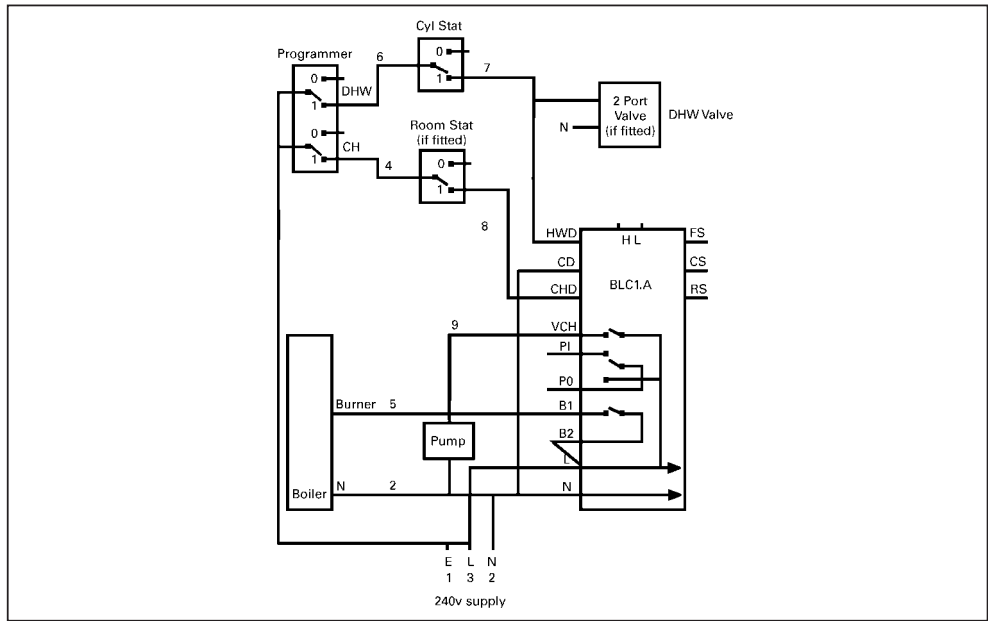


All wiring to be rated @ 240v and earthed as required.

Product codes and terminal numbers refer to Landis & Staefa products.

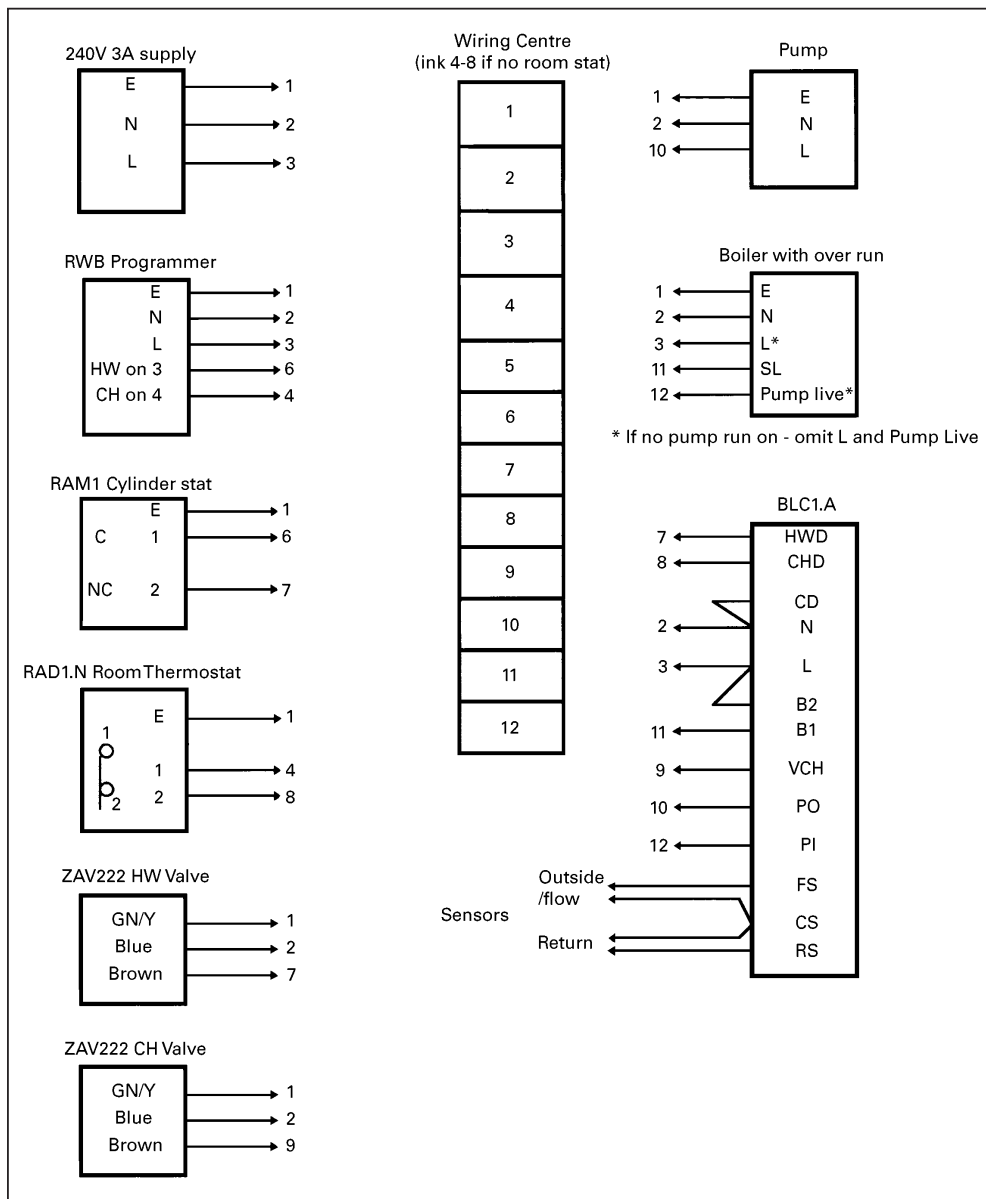
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Gravity System with DHW Valve Schematic



NB pump connection

Fully Pumped Zoneset (2 x 2 Port Valves) Wiring

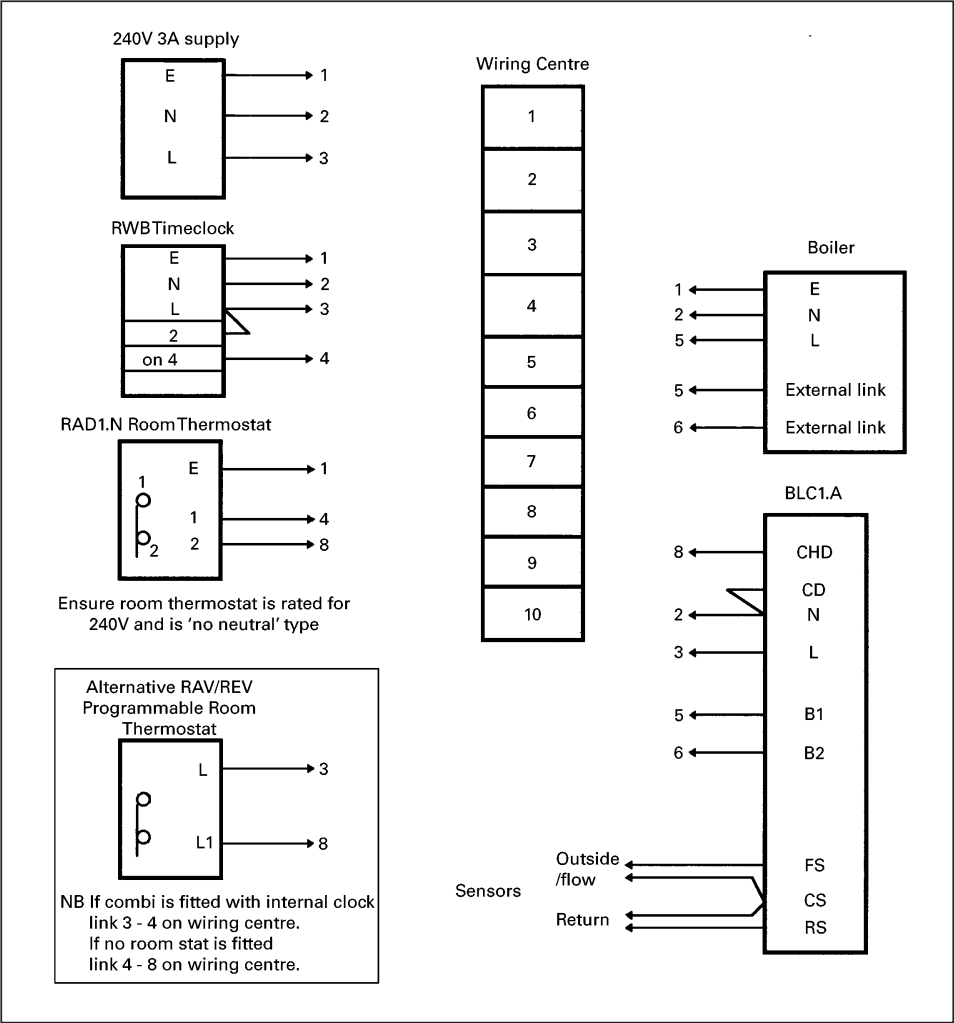


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Combi System Wiring



All wiring to be rated @ 240v and earthed as required.

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Refer to relevant system and schematic diagrams when using this diagram.