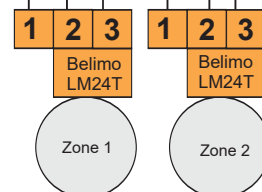
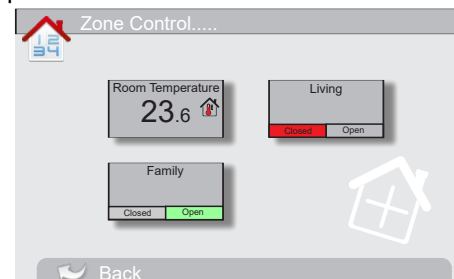


The diagram illustrates the Condenser CPU Board, a complex electronic assembly. Key components and their connections are as follows:

- Power and Grounding:** A 240V MAINS 15A plug is connected to the board. A 240V INDOOR FAN is connected to the 240V line. A 240V OUT is also shown. A 240V INDOOR FAN is connected to the 240V line. A 240V OUT is also shown. A 240V INDOOR FAN is connected to the 240V line. A 240V OUT is also shown.
- Control and Timing:** A 240V INDOOR FAN is connected to the 240V line. A 240V OUT is also shown. A 240V INDOOR FAN is connected to the 240V line. A 240V OUT is also shown.
- Signal and Data:** A 240V INDOOR FAN is connected to the 240V line. A 240V OUT is also shown. A 240V INDOOR FAN is connected to the 240V line. A 240V OUT is also shown.
- Connectors and Headers:** A 240V INDOOR FAN is connected to the 240V line. A 240V OUT is also shown. A 240V INDOOR FAN is connected to the 240V line. A 240V OUT is also shown.



24V Dampers



A diagram of a power supply unit (PSU) with a power cord and a power button. The PSU is represented by a grey rectangle with the text "SZ-PS" and "24VAC" inside. A power cord with a two-prong plug is connected to the top of the PSU. A power button is located on the right side of the PSU. Two vertical lines extend from the bottom of the PSU, representing the power output lines.

The diagram illustrates the Halo board's connectivity. It features a central diamond-shaped PCB with two DIP switches, SW1 and SW2. The board has four main connection edges:

- Top Edge:** Aux Relay 1-5 (Common, NC, NO), W2 Cool 2, Y2 Cool 2, W1 Cool 2, Y1 Cool 1, G1 Fan (low), R Relay Com, 24 24V Active, 24c 24V Com.
- Right Edge:** Y1 Norm Closed, W1 Norm Closed, Coms B, 0V, Analogue Out 3, 0V, Analogue Out 2.
- Bottom Edge:** Analogue Output 1, 0V - Common, Universal Input 4, 0V - Common, Universal Input 3, 0V - Common, Universal Input 2, 0V - Common, Universal Input 1.
- Left Edge:** Aux Relay 1-5 (Common, NC, NO).

Note: The Halo is typically powered by 24V AC however it will run from 10 to 30V AC or DC (+ve to R -ve to C)

Security	Function
Equipment	Aux Rly 1 Med Fan
Fan Control	Aux Rly 2 High Fan
User Display	Aux Rly 3
Control O/Ride	Aux Rly 4 Z2 Damper
I/O Options	Aux Rly 5 Z3 Damper
Advanced	Input 1
Expander	Input 2
Coms	Input 3
Save and Exit	Input 4
	0-10V 1
	0-10V 2
	0-10V 3

Installer Menu I/O Options - Default Pin is 0021

For 2 zones Set AUX4 to Z2 Damper and AUX 5 to Z3 Damper

	Installation Drawing	
Drawing Revision History	Drawing Name	
		Smart Temp Halo wired to a an Actron Air with 2 Zone Dampers with a common Zone
		All care has been taken in the preparation of this drawing however Smart Temp Australia accept no responsibility for damage that may be caused by using this information. This is a guide only.
25-06-2026	REV 2.0	By: John K
Unit 20, 1488 Ferntree Gully Road Knoxfield Vic 3180		
Ph: (03) 9763 0094 www.thermostat.com.au		