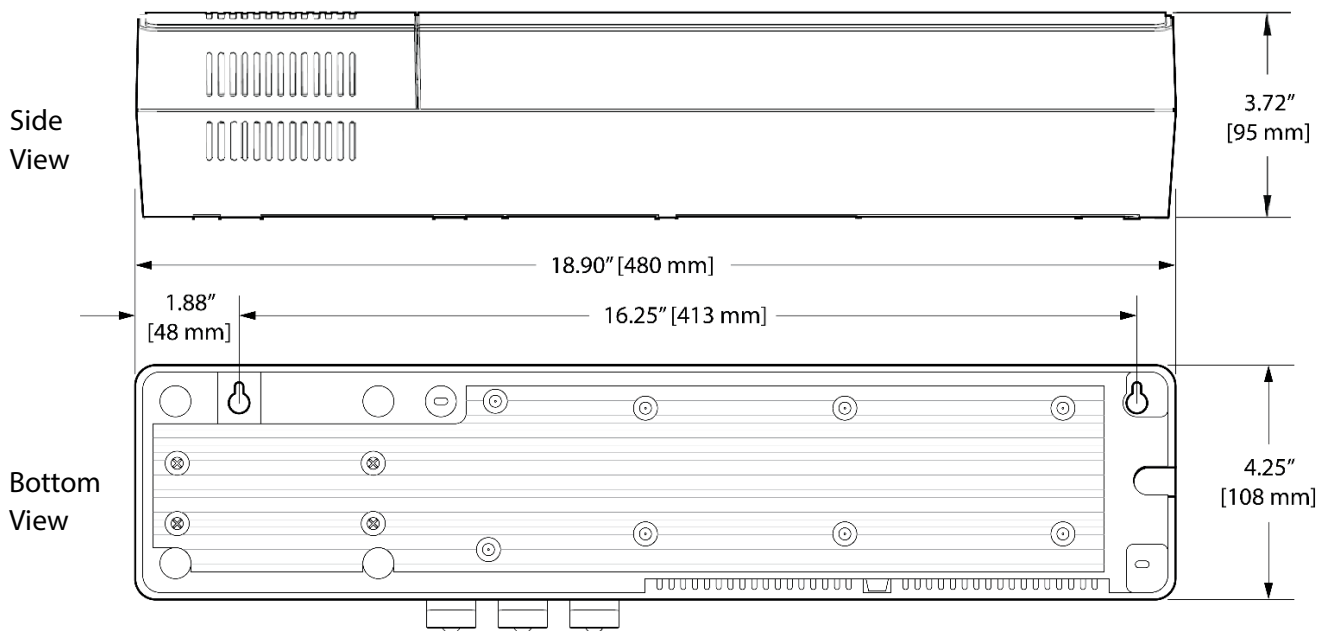


AKL08 – Wired 8-Zone Valve Relay Controller

Job or Customer:			
Location:			
Engineer:			
Contractor:			
SALUS Rep.:			
Submitted by:		Date:	
Approved by:		Date:	

The SALUS AKL08 Wired 8-Zone Valve Relay Controller accepts inputs from up to 8 wired thermostats to control up to 8 zones of radiant heating (32 zone actuators or 8 zone valves). Voltage-free connections are available to provide boiler heat demand and system pump operation. Dry-contact inputs allow for dew-point sensing and heat/cool changeover. Jumpers to set boiler off delay or NC/NO valve actuators. The AKL08 will control hydronic zones to efficiently heat homes, offices, or other occupied spaces.



Features:

- 2-, 3-, or 4-wire connected thermostats.
- 8 zones – 4 actuators or 1 zone valve per zone (total load 3.3 Amps).
- Select normally open or normally closed zone valves.
- Dry contact inputs for dewpoint sensing and heat/cool changeover.
- Dry contact outputs for boiler or circulator pump control.
- Pump ON/OFF delay or 3 minutes (fixed).
- Boiler ON delay 3 minutes (fixed), OFF delay jumper selectable 0 or 15 minutes.
- USB Port for AC10RF Coordinator (sold separately) for stand-alone networking.

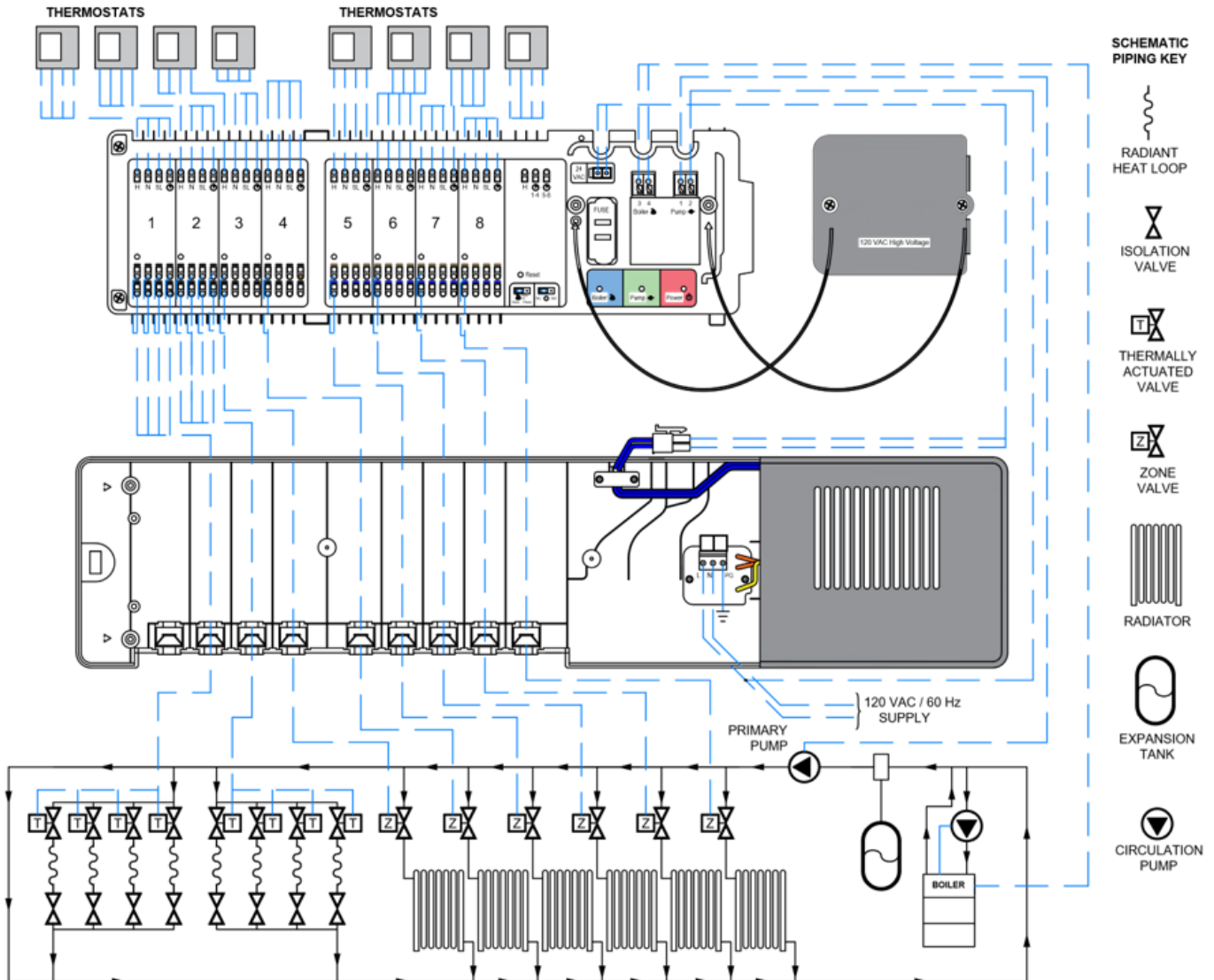
Specifications: AKL08 Wired 8-Zone Valve Relay Controller

Packaging Dimensions & Weight	Length	Width	Height	Weight
	21.31"	6.85"	6.45"	8.8 lbs
	54.1 cm	17.4 cm	16.4 cm	3.91 kg
Materials	PC/ABS Plastic			
Environmental	Operation: 32-122°F (0-50°C)			
	Storage: -4-140°F (0-60°C)			
	Humidity: <95% RH Non-condensing			
Electrical	Power Input: 120 VAC +/-10% /60 Hz			
	Zone Output: 24 VAC/60 Hz (80 VA total load)			
	Pump Output: 24-120 VAC 5 Amp (1/3 HP) max.			
	Boiler Output: 24-120 VAC 5 Amp max			
Warranty	5 year limited			
Approvals	ETL(US/CAN), Rohs, REACH, WEEE			

Note: Specifications are subject to change without notice.

AKL08 – Wired 8-Zone Valve Relay Controller

Application Diagram



Compatible Equipment:

- AHTR3024 Digital Thermostat
- AHTR5024 Programmable Thermostat
- AH2430 Auto Balancing Valve
- A30NO24 Normally Open Thermal Actuator
- A30NC24 Normally Closed Thermal Actuator
- A30NC24EW Normally Closed Thermal Actuator with End Switch¹

1-The AKL08 does not provide terminations for the end switch

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