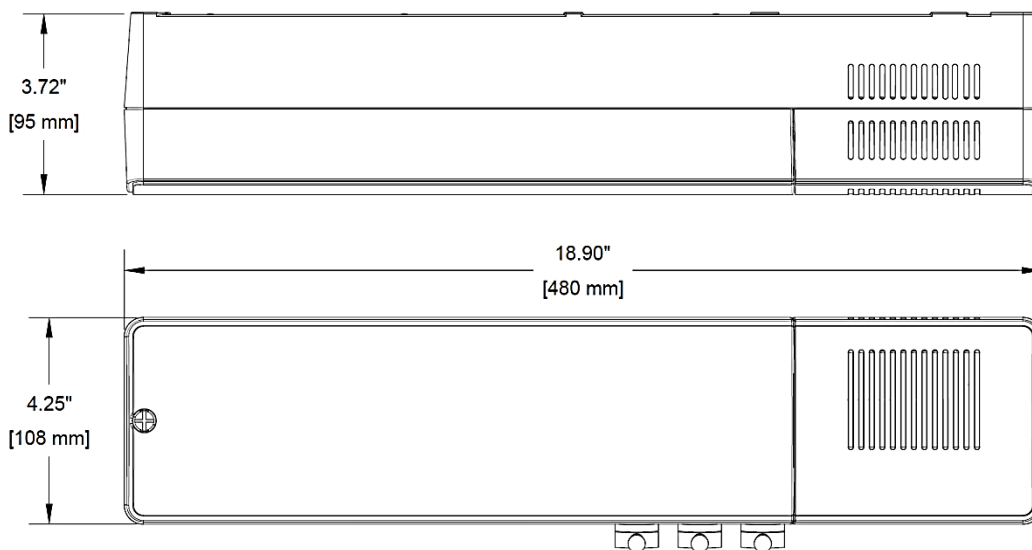


# Wired 8-Zone Valve Relay Controller

AKL08

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

The SALUS AKL08 Wired 8-Zone Valve Relay Controller connects up to 32 zone valves in 8 zones based on input from wired thermostats. Voltage free connections are available to provide boiler heat demand and system pump operation. Jumpers to set boiler off delay or NC/NO valve actuators. An optional external thermostat can be used to enhance signals. The AKL08 will control hydronic zones to efficiently heat homes, offices or other occupied spaces.



**Features:**

- Wired communication with thermostats and appliances
- Works with normally open (NO) or normally closed (NC) zone valves
- Dewpoint sensing and input for heating/cooling changeover.
- Sturdy design with easy maintenance.

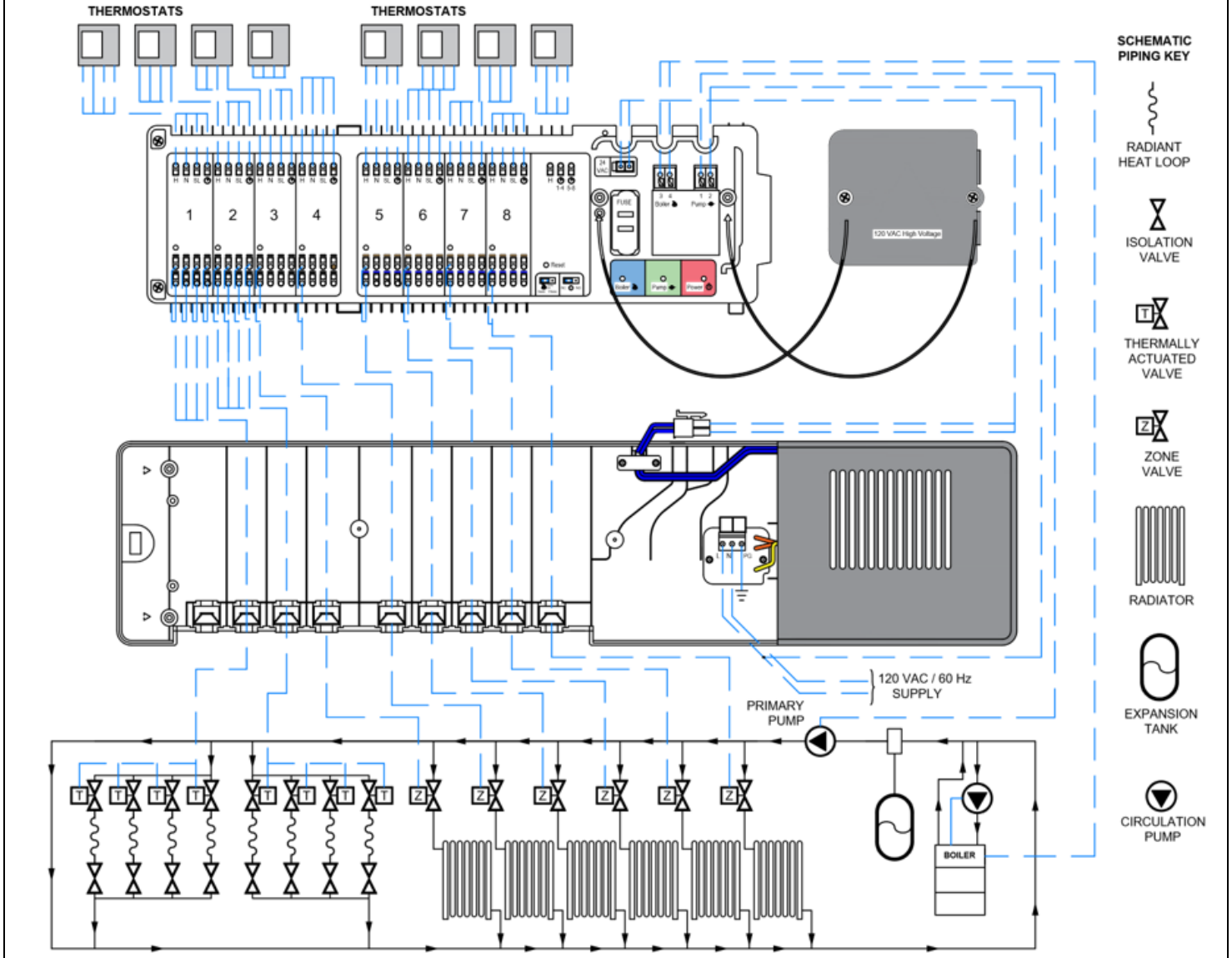
**Specifications:**

Model:	AKL08 - Wired 8-Zone Valve Relay Controller		
Package Dimensions	Length	Width	Height
	21.31"	6.85"	6.45"
Unit Dimensions	54.1 cm	17.4 cm	16.4 cm
	19.0"	4.3"	3.8"
Weight	48.3 cm	10.9 cm	9.6 cm
	7.5 lbs (3.4 kg)		
Materials	PC/ABS Plastic		
Approvals	ETL Listed to UL-60730-1 & CAN/CSA-E60730-1		
Environmental	Operation: 32-122°F (0-50°C) < 95% RH Non-condensing		
	Storage: -4-140°F (0-60°C) < 95% RH Non-condensing		
Electrical	Power Input 120 Vac / 60 HZ		
	Output: 24 Vac/60 HZ (80VA) – Maximum total load: 4A		
	Fuse: 5x20 mm, 250 V, 4.0A fast-acting, high breaking current		
Warranty	5 year limited		

*Note: Specifications are subject to change without notice*



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 Switch<sup>1</sup>

<sup>1</sup> – The AKL08 does not provide terminations for the end switch

