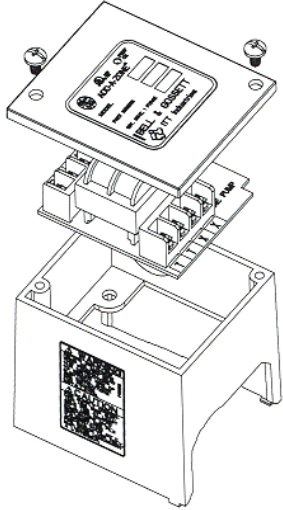


<b>JOB:</b>	<b>REPRESENTATIVE:</b>	
<b>UNIT TAG:</b>	<b>ORDER NO.</b>	<b>DATE:</b>
<b>ENGINEER:</b>	<b>SUBMITTED BY:</b>	<b>DATE:</b>
<b>CONTRACTOR:</b>	<b>APPROVED BY:</b>	<b>DATE:</b>



## ZoneTrol II™ AZ-1A Zone Pump Controller



**DESCRIPTION**

The ZoneTrol II AZ-1A pump controller can be field mounted to any B&G NRF, NBF, SSF or 1/12 to 1/6 HP Series PL™ booster pump. The AZ-1A controller operates the pump when the thermostat calls for heat. The controller can be wired to fire the boiler through a 24 volt rated isolated endswitch. The AZ-1A relay boxes can be daisy-chained to form up to a maximum of three zones. The AZ-1A pump controllers are UL and cUL listed. When the AZ-1A is mounted on a B&G pump, the pump and controller assembly maintains the UL listings.

**CONSTRUCTION**

The ZoneTrol II AZ-1A pump controllers are solidly constructed, easy to mount units featuring printed circuit board design and a powerful 2.5 VA transformer for operating up to three zones. An amber LED light on the PC board indicates a call for heat. The units are listed with Underwriters Laboratories, Inc.

**SCHEDULE**

MODEL NO.	MAXIMUM NUMBER OF ZONES	TAGGING INFORMATION	QUANTITY
AZ-1A	1		

**SPECIFICATION INFORMATION**

PART NO.	MODEL NO.	TRANSFORMER RATING	THERMOSTAT CURRENT	RELAY TYPE	DIMENSIONS (L X W X H) INCHES	MOTOR RATING EACH ZONE	APPROX. SHPG. WT. OZ. (kg)
						120V, 1Ø	
109423	AZ-1A	2.5 VA	0.18 A	DPDT	2-5/8" x 3-1/2" x 2-5/8"	1/6 HP	12 (0.3)

**TYPICAL SPECIFICATIONS**

**Single Zone (AZ-1A)**

Furnish and install zone pump controller(s) as shown on plans. The controller(s) shall be UL and cUL listed and suitable for operation of a single circulator pump. Controller shall include a nominal 2.5 VA transformer, pre-wired printed circuit board that can be easily field mounted to Bell & Gossett pump model \_\_\_\_\_ [choose from NRF, NBF, SSF and Series PL boosters]. The pump controller shall have a 24-volt rated isolated endswitch to fire the boiler when there's a call for heat. An amber LED shall be on the PC board to indicate a call for heat. The pump controller must be rated for a full 5 amps and have a DPDT switching action. All models shall be Bell & Gossett Model AZ-1A. When the control is mounted to a single circulator pump, the pump/controller assembly will be UL listed.

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