



# Detcon Model AV2-C1D2C

ISO 9001: 2000  
Certified

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## Hazardous Duty Alarm Station Class 1, Division 2 Continuous Tone

### Description

Detcon Model AV2-C1D2C audio visual alarm stations are designed for installation and use in heavy industrial environments. The alarm station consists of a combination of two warning lights and a siren. Warning lights can consist of any combination of dome colors such as amber, blue, clear, green, red, or magenta. The audible alarm is capable of producing coded blasts or sustained tones. Model AV2-C1D2C alarm assemblies are specifically designed for hazardous locations or corrosive environments where a very bright visual and high decibel alarm signal is required. The high-intensity strobe lights provide 80 flashes per minute. The siren produces a noise level of 100dbA @ 10 feet. The lights are UL listed and CSA Certified for Class I, Division 2, Groups A, B, C and D; Class II, Division I, Groups E, F, and G; and Class III. The siren is UL listed and CSA Certified for Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F, and G.

Model AV2-C1D2C alarm components are pre-assembled and mounted on a T-shaped epoxy painted aluminum bracket with pre-drilled mounting holes that accommodate U-bolts and up to 2 1/2" diameter pipe stands. The assemblies are NEMA 4X rain tight and suitable for installation in harsh locations. Overall dimensions are 22"H x 16.5"W x 10"D.



### Ordering Information

977-2L  00-0F

<b>Color of 1st Strobe</b>	<input type="checkbox"/>	<b>Voltage</b>	<input type="checkbox"/>
<b>Color of 2nd Strobe</b>	<input type="checkbox"/>	3 - 120 VAC	
2 - Red	6 - Blue	4 - 240 VAC	
4 - Amber	7 - Magenta		
5 - Green	9 - Clear		

### Light Specifications

**Voltage:** 120VAC 50/60HZ, 240VAC 50/60HZ  
**Mount:** 3/4" Pipe  
**Operating Current:**  
 0.32 Amps at 120VAC, 0.16 Amps at 240VAC  
**Dome Colors:** Amber, Blue, Clear, Green, Magenta, Red  
**Dome Guard:** Included  
**Operating Temperature Minimum:** -31°F to 150°F  
**Light Source/Lamp Style:** Strobe Tube  
**Lamp Life:** 10,000 Hours  
**Flash Rate/Minute:** 80  
**Candle Power Peak:** 520,000  
**Effective Candle Power:** 165  
**Enclosure Rating:** Type 4X  
**Ingress Protection:** IP66  
**Dimensions:** 8.75"H x 5.5" Diameter  
**Warranty:** 1 Year

### Siren Specifications

**Voltage:** 120VAC 50/60HZ, 240VAC 50/60HZ  
**Mount:** Surface / Panel  
**Operating Current:**  
 0.18 Amps at 120VAC, 0.09 Amps at 240VAC  
**Temperature Rating:** -65°F to +150°F  
**Sound Output:** 100db @ 10feet, 110dB @ 1 meter  
**Duty Cycle:** Not rated for continuous duty  
**Enclosure Rating:** Type 4X  
**Height:** 5.3 in.  
**Width:** 5.3 in.  
**Depth:** 3.66 in  
**Warranty:** 1 Year

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