

**FEATURES:**

- 25Vrms or 70Vrms operating signal lines
- Multiple wattage Taps: 0.5, 1, 2, 7, and 15
- High dB output for large area coverage
- UL sound pressure level 99dB at 10 feet
- Built in 15 Watt high efficiency compression driver
- Rugged Explosion-proof circuitry housing
- Wide frequency response, 400-4000 Hz
- NEMA 3 rated Housing
- Indoor or Outdoor mounting

**DESCRIPTION:**

The Evax Model EF-CPG-SPHX PowerTone explosion-proof speaker is designed for use in hazardous locations. The unit produces a crisp, clear, high decimal tone/voice output. Tone s may be generated by the PowerTone Signaling System or any 25Vrms or 70Vrms tone/audio system. The speaker cone and projector are of spun aluminum. The speaker driver and circuitry are contained in a explosion-proof housing. The speaker has a supervisory DC coupling capacitor and wattage taps from 0.05 to 15.0 watts. The speaker is listed for indoor and outdoor use, in a NEMA 3 rated housing and is finished in red enamel. The PowerTone speaker is designed for connection to system supervised alarm notification circuits.

**APPLICATIONS:**

The PowerTone speaker is well suited for signaling in hazardous areas with high ambient noise levels where a high efficiency, weatherproof and corrosion-resistant surface mounted speaker is required. The speaker is designed for locations where the danger of explosion or fire exists. The speaker is suitable for use in National Electrical Code (NFPA 70): Class 1, Groups B, C, and D, Division 1 Hazardous locations. The speaker may be used with any 25Vrms or 70Vrms audio systems. The speaker can be indoor or outdoor mounted. The SPHX is NEMA 3 rated.

**EF-CPG-SPHX Series**  
**Explosion-proof**  
**Speaker**



Evax Model EF-CPG-SPHX Explosion-proof Speaker



The Model SPHX PowerTone explosion-proof carries the following listings/approvals:

Underwriter's Laboratories      E190743  
 California State Fire Marshall      7135-1517:101

MODEL SPHX dB Specifications		
Wattage Tap	UL dB(A) Sound Pressure	dB(A) Sound Power
0.5	87	104.2
1	90	106.8
2	93	109.6
7	99	114.2
15	99	116.8

**NOTE:**

Refer to Installation manual for specific installation and product information, catalog sheet for reference only.

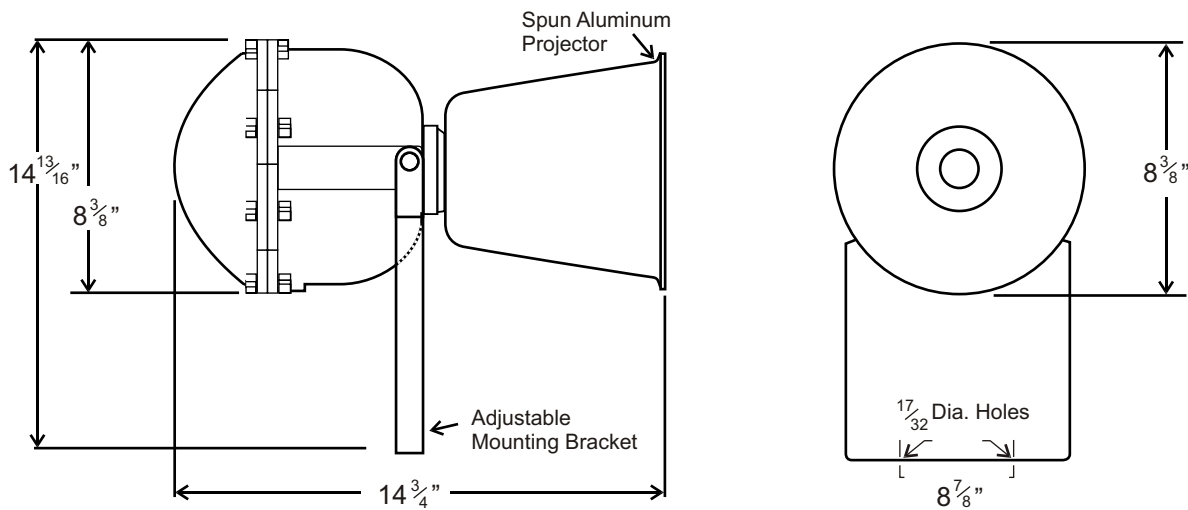
MODEL SPHX EXPLOSION-PROOF SPEAKER SPECIFICATIONS						
Model	Nominal Input Voltage	Frequency Response	ULdB(A) Sound Pressure	dB(A) Sound Power	Dimensions	Shipping Weight (approx.)
SPHX-DVSMR	25 or 70 Vrms	400-4000Hz	99 <sup>1</sup>	116.8 <sup>1</sup>	14 13/16" H x 8 7/8" W x 14 3/4" D	15 lbs

**NOTES:**

1. Based on wattage tap selected. See dB chart below for specific output for each tap setting.

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HAZARDOUS LOCATIONS		
CLASS	Group	Division
I	B,C,D	1



**HOW TO ORDER:**

**EF-CPG-SPHX-DVSMR**

Explosion-proof Speaker for hazardous locations 25Vrms, or 70Vrms Red enamel.

**SPECIFICATIONS:**

Alarm Notification appliances shall be explosion-proof speakers using solid state circuitry. The unit shall be designed for use in hazardous locations. The speaker driver and circuitry shall be housed in an explosion-proof enclosure. The speaker shall be NEMA 3 rated shall be red enamel coated. The speaker cone and housing shall be spun aluminum. The speaker shall be capable of clearly reproducing alarm tones or voice on all 25Vrms or 70Vrms audio systems. The speaker shall provide incremental wattage tap settings of 0.5, 1, 2, 7 and 15 watts. The speakers shall be capable of mounting in use in National Electrical Code (NFPA 70): Class 1, Groups B, C, and D, Division 1 Hazardous locations. The speaker shall be capable of indoor or outdoor mounting and shall produce a sound pressure level of 99dB at 10 feet. The speaker shall be UL listed for fire alarm signaling use. The Explosion-proof alarm notification devices shall be Evax-EF-SPHX PowerTone speakers.

*Specifications are subject to change without notice. Specifications are provided for information only and no responsibility is assumed by Evax Systems, Inc for their use.*