

Outdoor Warning Systems

Air Horns

CA Series



These air horns are for general signaling services. They generate sound by means of a vibrating diaphragm that modulates the flow of compressed air into a resonating projector. All horn shapes are mathematically calculated to amplify sound while closely retaining its fundamental frequency and natural harmonics. All horn frequencies are designed to give balance to any combination of horn tones.

These horns are suitable for indoor/outdoor applications, hazardous location use, and individual equipment and plant warnings. Volume is adjustable by regulating air pressure.

Designed for mounting on air supply piping, supplying between 50 and 150 PSIG (3.5 and 10.5 kg/sq cm). May be bracket mounted using the AC30106 post bracket.

Features and Specifications

- Corrosion resistant cast bronze body
- Stainless steel diaphragm
- Machined or spun bell
- Effective range - 1/4 mile (.4 km)¹

Ordering Information

Description	Cat. No.	Frequency (Hz)	dB(c) at 100ft.	Air Consumption cu.ft./sec (ltr./sec.)	Air Pressure PSI (Kg/Sq Cm)
Single Tone Machined Horn	CA	745	104	0.25 (7.1)	50-150 (5.3-10.5)
Omni-directional 4 Model CA Horn	CA-4	745	104	1 (28.4)	50-150 (5.3-10.5)

Accessories

Description	Cat. No.
Post Bracket for Air Horn Cat. No. CA	AC30106

Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)	Dimensions	
		Inlet NPT (in.)	Length (in./cm.)
CA	4.0	3/8	4.75/12
CA-4	19.0	1/2	11.25/28.6

¹Subject to environmental and geographical conditions, these models have a typical effective range of 1/4 mile (.4 km) assuming an ambient background level of 60dB, a line pressure of 100 psi (7.03 kg/sq cm) and temperature of 60°F (15.6°C). Derated per FEMA guidelines @ 10 dB per distance doubled.

