

# Outdoor Warning Systems

## Air Horns

### KB Series

The KB series 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.

These horns are suitable for indoor/outdoor applications and for hazardous location use. 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).

### Features and Specifications

- High strength aluminum body and projector
- Stainless steel diaphragm
- Machined or spun bell
- Effective range - 1/4 mile (.4 km)<sup>1</sup>



### Ordering Information

Description	Cat. No.	Frequency (Hz)	dB(c) at 100ft.	Air Consumption cu.ft./sec (ltr./sec.)
Single Tone Air Horn	K-1	311	114	0.50 (14)
	K-2	370	110	0.50 (14)
	K-3	470	113	0.50 (14)
	K-5	622	112	0.50 (14)
Dual Tone Air Horn	K-12	311/370	114	1 (28)
	K-25	370/622	115	1 (28)
Dual Tone Air Horn 180° Coverage	K-12R12	311/370	115	2 (56)
	K-25R25	370/622	116	2 (56)

### Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)	Dimensions	
		Inlet NPT (in.)	Length (in./cm.)
K-1	9.00	1/2	16.5/41.9
K-2	8.00	1/2	12.88/32.7
K-3	7.00	1/2	10.25/26
K-5	7.00	1/2	7.5/19.1
K-12	18.00	1/2	16.5/41.9
K-25	15.00	1/2	12.88/32.7
K-12R12	30.00	3/4	16.5/41.9
K-25R25	60.00	3/4	12.88/32.7

<sup>1</sup>Subject 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.

