

Outdoor Warning Systems

Air Horns

KB Series

The KB series units are designed for general signaling services and generate sound by means of vibrating diaphragms that modulate the flow of compressed air into resonating projectors. 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
- Adjust volume via air pressure
- Stainless steel diaphragm
- Provides complete signaling coverage
- Single or dual tone models
- Effect. range - 3/4 mile (1.2 km)¹
- Operating range - 50 to 150 PSIG (3.5 to 10.5 kg/sq cm)
- 1 1/4" (32mm) NPT inlet



K4-25

Ordering Information

Description	Cat. No.	Frequency (Hz)	dB(c) at 100ft.	Air Consumption cu.ft./sec (ltr./sec.)
Single Tone Air Horn	K4-1	311	115	2 (56)
Dual Tone Air Horn	K4-12	311/370	116	4 (112)
	K4-25	370/622	116	4 (112)

Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)	Dimensions	
		Length (in./cm.)	Width (in./cm.)
K4-1	46.0	27/68.5	27/68.5
K4-12	68.0	27/68.5	27/68.5
K4-25	60.0	23/58.4	23/58.4

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.

