

Airchime® Air Horns OUTDOOR WARNING SYSTEMS

360° of Coverage

K4 Series



The K4 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 can be used for indoor/outdoor applications and are ideal 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).

Typical applications include emergency signaling applications in mines, refineries and industrial facilities. Ideal for individual equipment and plant warnings.

FEATURES

- > Die cast aluminum body
- > Adjust volume via air pressure
- > Hermetically sealed diaphragms
- > Provide complete signaling coverage
- > Single or dual tone models
- > Effective range - 3/4 mile (1.2 km)*

SPECIFICATIONS

- > 1 1/4" (32mm) NPT Inlet
- > Single or dual tone frequency
- > Operating range - 50 to 150 PSIG (3.5 to 10.5 kg/sq cm)

Cat. No.	Description	Freq. (Hz)	dB(c) at 10 ft.	dB(c) at 100 ft.	Air Consumption		Net Weight
					Cu. Ft. /Sec. (Liters/Sec.)	Dmensions	
K4-1	Single tone incorporating 4 K-1 Air Horns at 90° for 360° coverage with base	311	135	115	2 (56)	27" x 27" (685mm x 685mm)	36 lb (16.3 kg)
K4-12	Dual tone incorporating 4 K-12 Air Horns at 90° for 360° coverage with base	311/370	136	116	4 (112)	27" x 27" (685mm x 685mm)	62 lb (28.1 kg)
K4-25	Dual tone incorporating 4 K-25 Air Horns at 90° for 360° coverage with base	370/622	136	116	4 (112)	23" x 23" (584mm x 584mm)	55 lb (24.9 kg)

* Subject to environmental and geographical conditions, these models have a typical effective range of 3/4 mile (1.2 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.

AIRCHIME is a registered trademark of Airchime Manufacturing Co. Ltd.

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