

Air Horns

Models 3H, 4H, 4M AND 6H



DESIGNED FOR USE IN HAZARDOUS LOCATIONS

- Wide variety of tones and sizes
- For indoor/outdoor use
- Available in 120VAC
- Produces 122dB @ 10' (132dB @ 1m)
- NEMA 4X, IP56 enclosure

Federal Signal offers a line of air horns in a variety of tones and sizes for the industrial marketplace. High, medium and low tones are available which provides a wide range of frequencies and high sound output.

Federal Signal air horns feature a one-piece, cast aluminum alloy housing which has been treated to provide corrosion resistance. The horns include specialized long-lasting stainless steel diaphragms. These precisely machined horns will yield peak performance at proper working air pressures and are virtually indestructible. The 3- and 4-inch horns (Models 3H, 4H, 4M) have threaded female pipe connections. The Model 6H features flanges for additional support.

Federal Signal air horns operate with 20 to 150 p.s.i., (pounds per square inch) but they are tuned for 80 to 90 p.s.i. operation. The horn frequency (pitch) depends on both the diameter and length of the projector. Decibel output at 10 feet is 122dB (132dB @ 1m).

The horns require a 120VAC Federal Signal air valve. Use Model EVS with the 3H, Model EVM with the 4M and Model EVL with the 6H.

Airhorns can be used indoors, outdoors, or anywhere compressed air can be provided.

Federal Signal Air Horns are the loudest audible signals offered for indoor applications.

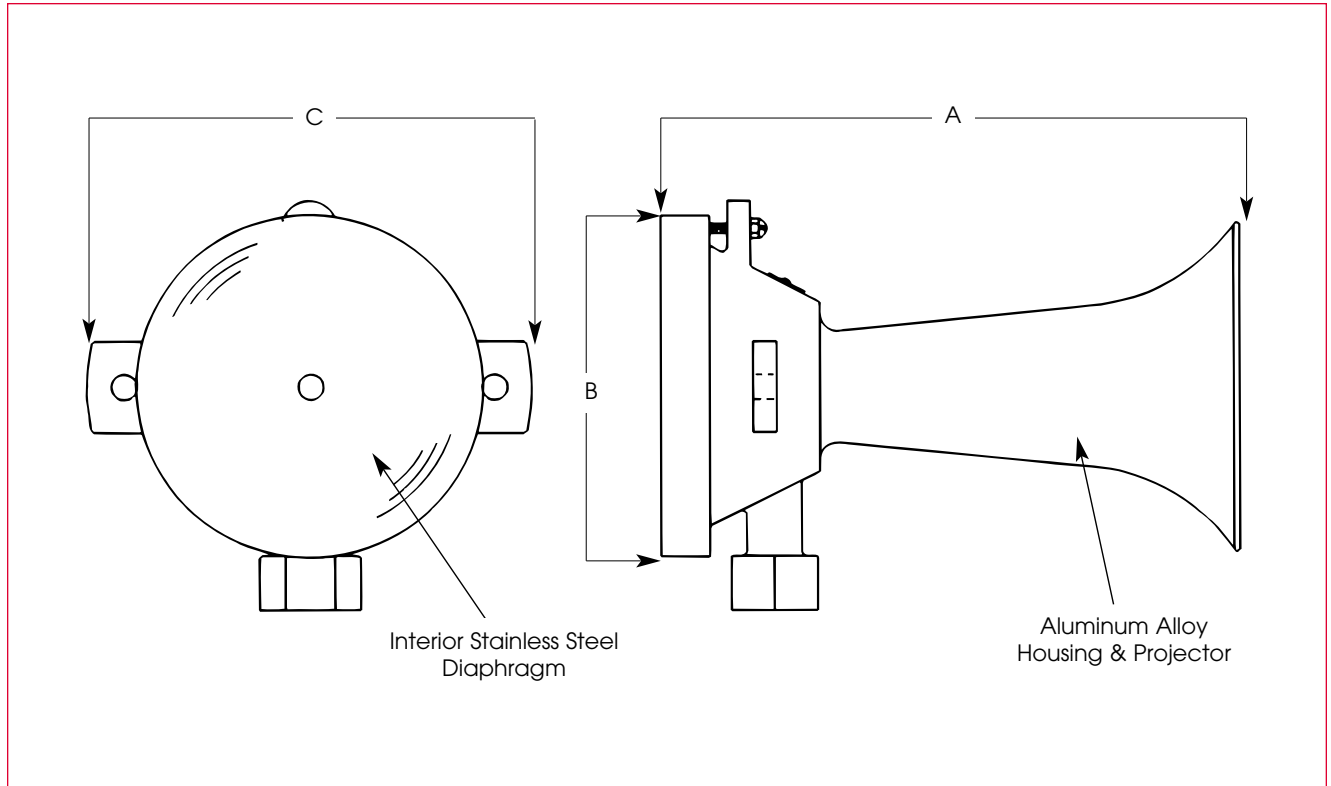
They are not subject to sparking and are ideal for hazardous locations (the valves need to be located in a non-hazardous location).

Model	Air Consumption Cubic Ft./Sec.	Valve Model*	Frequency	Decibels @	
				10'	1m
3H	0.20	EVS	750Hz	122	132
4H	0.25	EVM	450Hz	122	132
4M	0.25	EVM	340Hz	122	132
6H	0.45	EVL	295Hz	122	132

*120VAC valves sold separately.



AIR HORNS (3H, 4H, 4M, 6H)



SPECIFICATIONS

<i>Model</i>	<i>Dimensions (in./mm)</i>			<i>Diaphragm Dia. (in./mm)</i>	<i>Pipe Size</i>	<i>Net Weight</i>	<i>Shipping Weight</i>
	<i>A</i>	<i>B</i>	<i>C</i>				
3H	4 ⁷ / ₈ " 124 mm	4 ³ / ₄ " 121 mm	3 ⁵ / ₈ " 92 mm	3" 76 mm	³ / ₈ " 9.5 mm	1.6 lbs. 0.73 kg	2.1 lbs. 0.95 kg
4H	7 ⁷ / ₈ " 200 mm	5 ⁵ / ₈ " 143 mm	5" 127 mm	4" 102 mm	¹ / ₂ " 12.7 mm	2.3 lbs. 1.04 kg	2.7 lbs. 1.23 kg.
4M	11 ¹ / ₄ " 286 mm	5 ⁹ / ₁₆ " 141 mm	5" 127 mm	4" 102 mm	¹ / ₂ " 12.7 mm	2.6 lbs. 1.18 kg	3.1 lbs. 1.4 kg
6H	12 ³ / ₈ " 314 mm	9 ¹ / ₂ " 241 mm	6 ¹ / ₂ " 165 mm	5" 152 mm	³ / ₄ " 19.0 mm	9.7 lbs. 4.4 kg	11.4 lbs. 5.17 kg

HOW TO ORDER

- Specify air horn model
- Specify valve model